Serie SR-TR
HIGH FLOW

SR(50-55-60-65-70-75)
TR (50-55-60-65-70-75)
SRR (50-55-60-65-70-75)
TRR (50-55-60-65-70-75)



SR-TR ORIZZONTALE



SR-TR VERTICALE

Manuale uso e manutenzione
Use and Maintenance Manual
Manuel d'utilisation et d'entretien
Betriebs- und Wartungsanleitung
Manual de Uso y mantenimiento
Manual de uso e manutenção
Руководство по эксплуатации и техническому обслуживанию
使用和保养手册
دليل الاستخدام والصيانة

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1 INTRODUCTION

This manual contains the instructions for use and maintenance of SR-TR series pumps and must be read carefully and understood before using the pump.
Proper pump operation and duration depend on the correct use and maintenance.
Interpump Group disclaims any responsibility for damage caused by negligence or failure to observe the standards described in this manual.
Upon receipt, check that the pump is intact and complete. Report any faults before installing and starting the pump.

2 DESCRIPTION OF SYMBOLS



Warning Sign



Read the contents of this manual carefully before each operation.



Danger Sign
Danger of electrocution.



Danger Sign
Wear a protective mask.



Danger Sign
Wear protective goggles.



Danger Sign
Put on protective gloves before each operation.



Danger Sign
Wear *appropriate* footwear.



Symbol for protection against explosion.
This defines special safety requirements for the use of the pumps in areas identified in accordance with the ATEX Directive.
When pumps are ordered in the ATEX configuration because they are going to work in areas with a potentially explosive atmosphere, you must **STRICTLY comply with the notes given under the headings with this symbol and the instructions in the supplementary instructions manual "ATEX EXPLOSION PROTECTION"**.

3 SAFETY

3.1 General safety warnings

Improper use of pumps and high pressure systems as well as non-compliance with installation and maintenance standards can cause serious damage to people and/or property.
Anyone assembling or using high pressure systems must possess the necessary competence to do so, knowing the characteristics of the components to be assembled/used and taking all the necessary precautions to ensure maximum safety in all conditions of use. In the interest of safety, both for the Installer and the Operator, no reasonably applicable precaution should be omitted.

3.2 Essential safety in the high pressure system

1. The pressure line must always be provided with a safety valve.
2. High pressure system components, particularly for systems that operate primarily outside, must be adequately protected from rain, frost and heat.
3. The electrical control system must be adequately protected against sprays of water and must meet specific regulations in force.
4. The high pressure pipes must be properly sized for maximum operating pressure of the system and always and only used within the operating pressure range specified by the Manufacturer of the pipe itself. The same rules should be observed for all other auxiliary systems affected by high pressure.
5. The ends of high pressure pipes must be sheathed and secured in a solid structure, to prevent dangerous whiplash in case of bursting or broken connections.
6. Appropriate guards must be installed to protect pump transmission systems (couplings, pulleys and belts, and auxiliary power take-offs).

3.3 Safety during work



The room or area within which the high pressure system operates must be clearly marked and prohibited to unauthorized personnel and, wherever possible, segregated or fenced to ensure restricted access. Personnel authorized to access this area should first be instructed how to operate within this area and informed of the risks arising from high pressure system defects or malfunctions.
Before starting the system, the Operator is required to verify that:

1. The high pressure system is properly powered (see point 9.4).
2. The pump suction filters are perfectly clean; it is appropriate to include a device indicating the clogging level on all devices.
3. Electrical parts are adequately protected and in perfect condition.
4. The high pressure pipes do not show signs of abrasion and the fittings are in perfect order.
5. In relation to the application, use and environmental conditions, during the operation the outer surfaces of the pump may reach high temperatures. Therefore we recommend to take precautions to avoid contact with hot parts.

Any fault or reasonable doubt that may arise before or during operation should be promptly reported and verified by qualified personnel. In these cases, pressure should be immediately cleared and the high pressure system stopped.

3.4 Rules of conduct for the use of lances



1. The operator must always place his/her safety first, as well as that of others that may be directly affected by his/her actions, or any other assessments or interests. The operator's conduct must be dictated by common sense and responsibility.

2. The operator must always wear a helmet with a protective visor, waterproof apparel and boots that are appropriate for the application and can ensure a good grip on wet floors.

Note: *appropriate clothing will protect against sprays of water but not from direct impact with jets of water or very close sprays. Additional protections may therefore be necessary in certain circumstances.*

3. It is good practice to organize personnel into teams of at least two people capable of giving mutual and immediate assistance in case of necessity and of taking turns during long and demanding operations.
4. The work area jet range must be absolutely prohibited to all access and free from objects that if inadvertently struck by a pressure jet may be damaged and/or create dangerous situations.
5. The water jet must always and only be pointed in the direction of the work area, including during preliminary tests or checks.
6. The operator must always pay attention to the trajectory of debris removed by the water jet. Where necessary, suitable guards must be provided by the Operator to protect anything that may be accidentally exposed.
7. The operator should not be distracted for any reason during work. Workers needing to access the operating area must wait for the Operator to stop work on his/her own initiative, after which they should immediately make their presence known.
8. It is important for safety that all team members are always fully aware of each other's intentions in order to avoid dangerous misunderstandings.
9. The high pressure system must not be started up and run under pressure without all team members in position and without the Operator having already directed his/her lance toward the work area.

3.5 Safety during system maintenance

1. High pressure system maintenance must be carried out at the time intervals set by the manufacturer, who is responsible for the whole group according to law.
2. Maintenance should always be performed by trained and authorized personnel.
3. Assembly and disassembly of the pump and the various components must only be carried out by authorized personnel, using appropriate equipment in order to prevent damage to components, in particular to connections.
4. Always only use original spare parts to ensure total reliability and safety.

4 PUMP IDENTIFICATION

Each pump has an identification label, showing:
- Pump model and version
- Serial number
- Max revs
- Absorbed power HP - kW
- Pressure bar - P.S.I.
- Flow rate l/min - Gpm

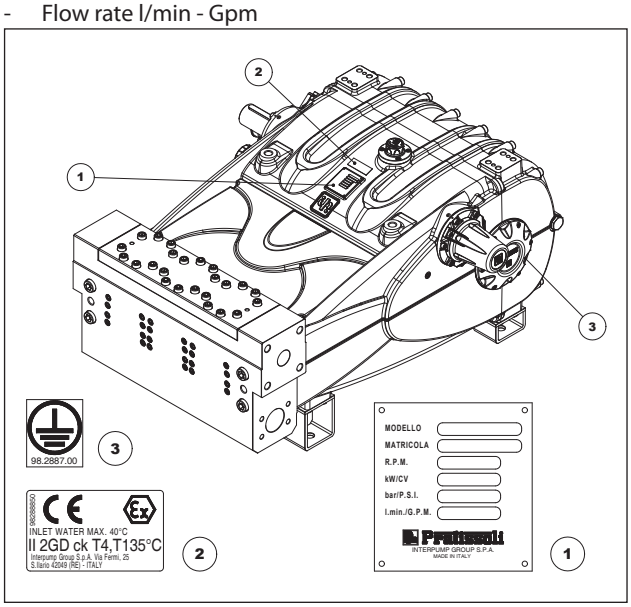


Fig. 1

Model, version and serial number must always be indicated when ordering spare parts.

For pumps ordered with the **ATEX** configuration:
Pos. 2 - plate with **specific ATEX marking for explosion protection**.
Pos. 3 - plate for locating the **grounding screw**.

5 HIGH FLOW PUMP TECHNICAL CHARACTERISTICS

SR PUMP TECHNICAL CHARACTERISTICS (@ 520 RPM)

Model	Rpm	Flow rate		Pressure		Power	
		l/min	Gpm	bar	Psi	kW	HP
SR 50	1500	276	73	400	5800	211	287
	1800						
	2200						
SR 55	1500	333	88	350	5075	223	303
	1800						
	2200						
SR 60	1500	397	105	300	4350	227	309
	1800						
	2200						
SR 65	1500	466	123	250	3625	222.5	302.5
	1800						
	2200						
SR 70	1500	540	143	220	3190	227	308.5
	1800						
	2200						
SR 75	1500	620	164	200	2900	236.8	322
	1800						
	2200						

TR PUMP TECHNICAL CHARACTERISTICS (@ 520 RPM)

Model	Rpm	Flow rate		Pressure		Power	
		l/min	Gpm	bar	Psi	kW	HP
TR 50	1500	398	105	400	5800	304	413.5
	1800						
	2200						
TR 55	1500	482	127	350	5075	322	438
	1800						
	2200						
TR 60	1500	573	151.4	300	4350	328.3	446.5
	1800						
	2200						
TR 65	1500	673	178	250	3625	321	437
	1800						
	2200						
TR 70	1500	780.5	206	220	3190	328	446
	1800						
	2200						
TR 75	1500	896	236.7	200	2900	342	465
	1800						
	2200						

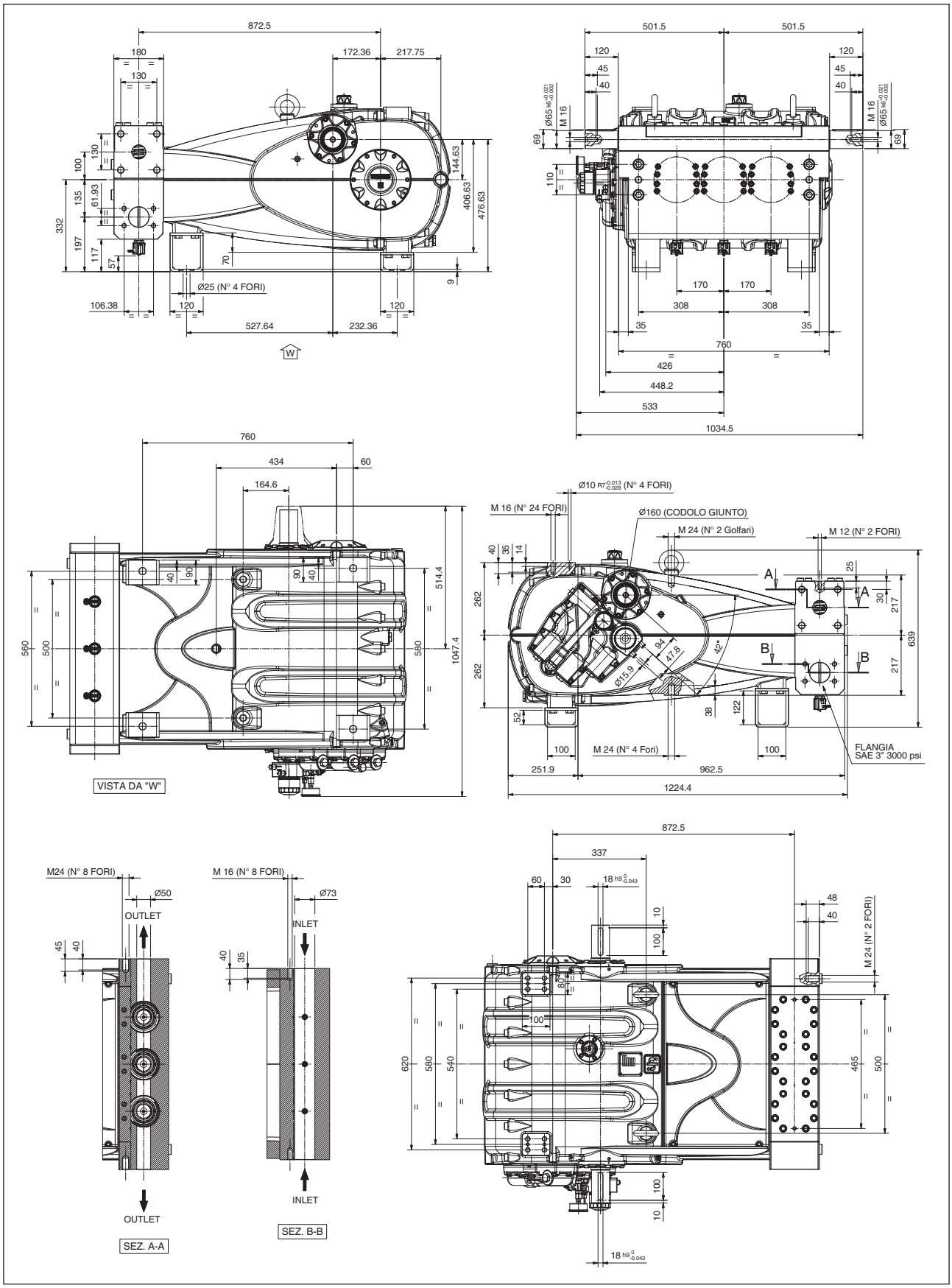
5.1 Pump moments of inertia reduced at the PTO

PUMP SERIES	RPM	J (kg mm^2)
SR	1500	231600
	1800	182400
	2200	140700
TR	1500	241200
	1800	189100
	2200	145200

6 DIMENSIONS AND WEIGHT

6.1 Dimensions and weights of SR High Flow pumps

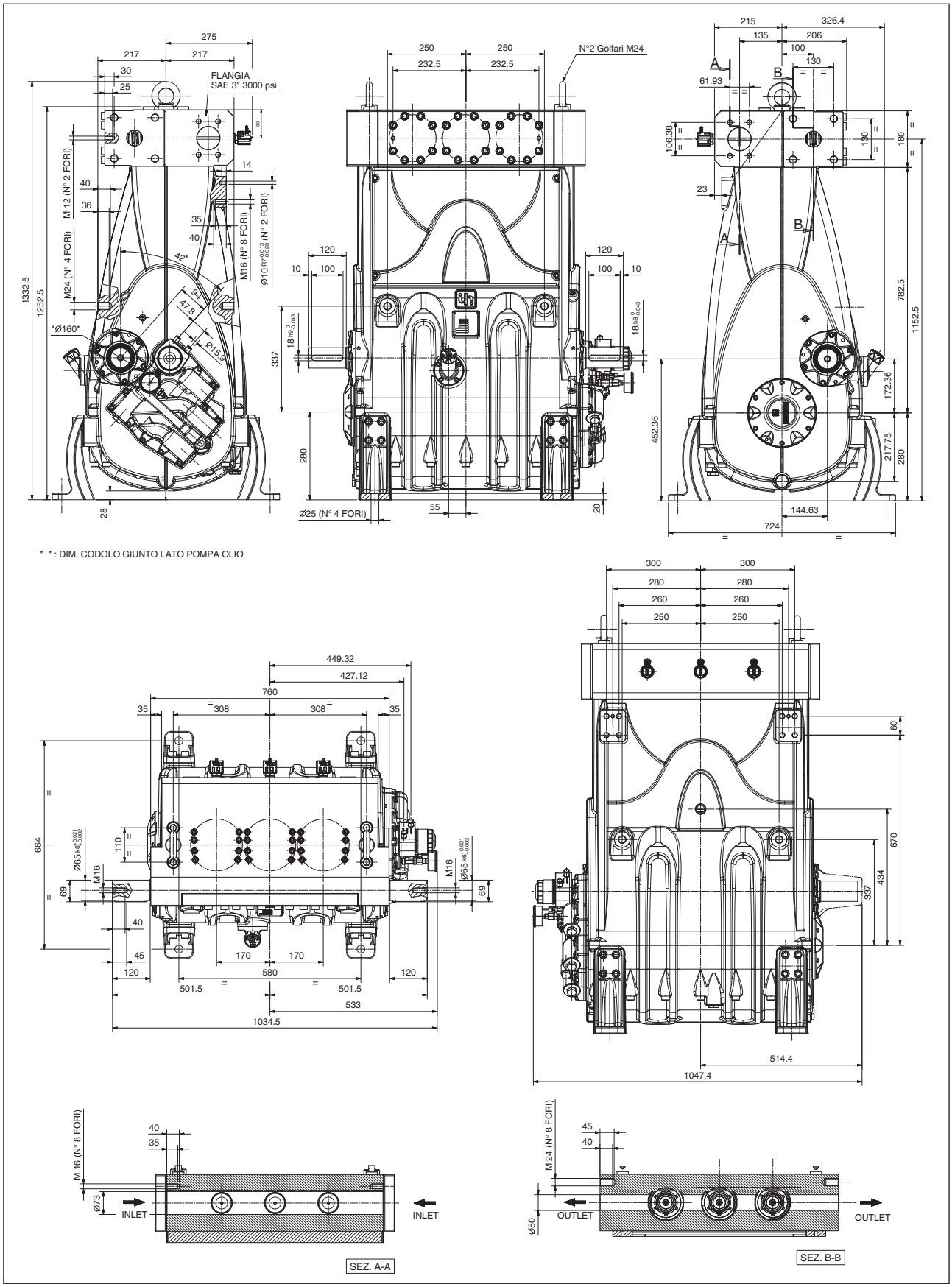
For dimensions and weights of Series SR horizontal pumps, refer to Fig. 2.



Dry weight 1150 kg.

Fig. 2

For dimensions and weights of Series SR vertical pumps, refer to Fig. 2/a.

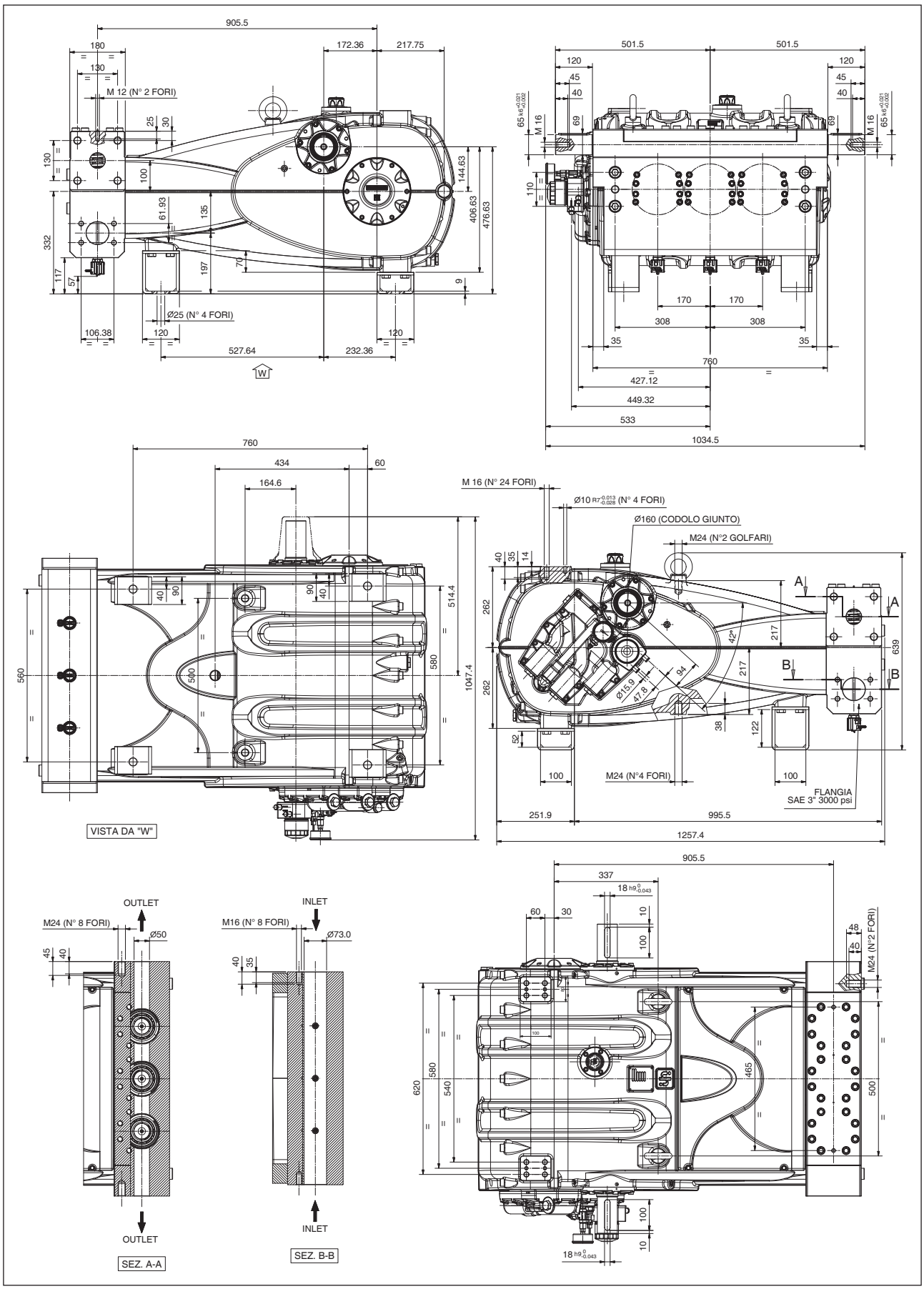


Dry weight 1160 kg.

Fig. 2/a

6.2 Dimensions and weights of TR High Flow pumps

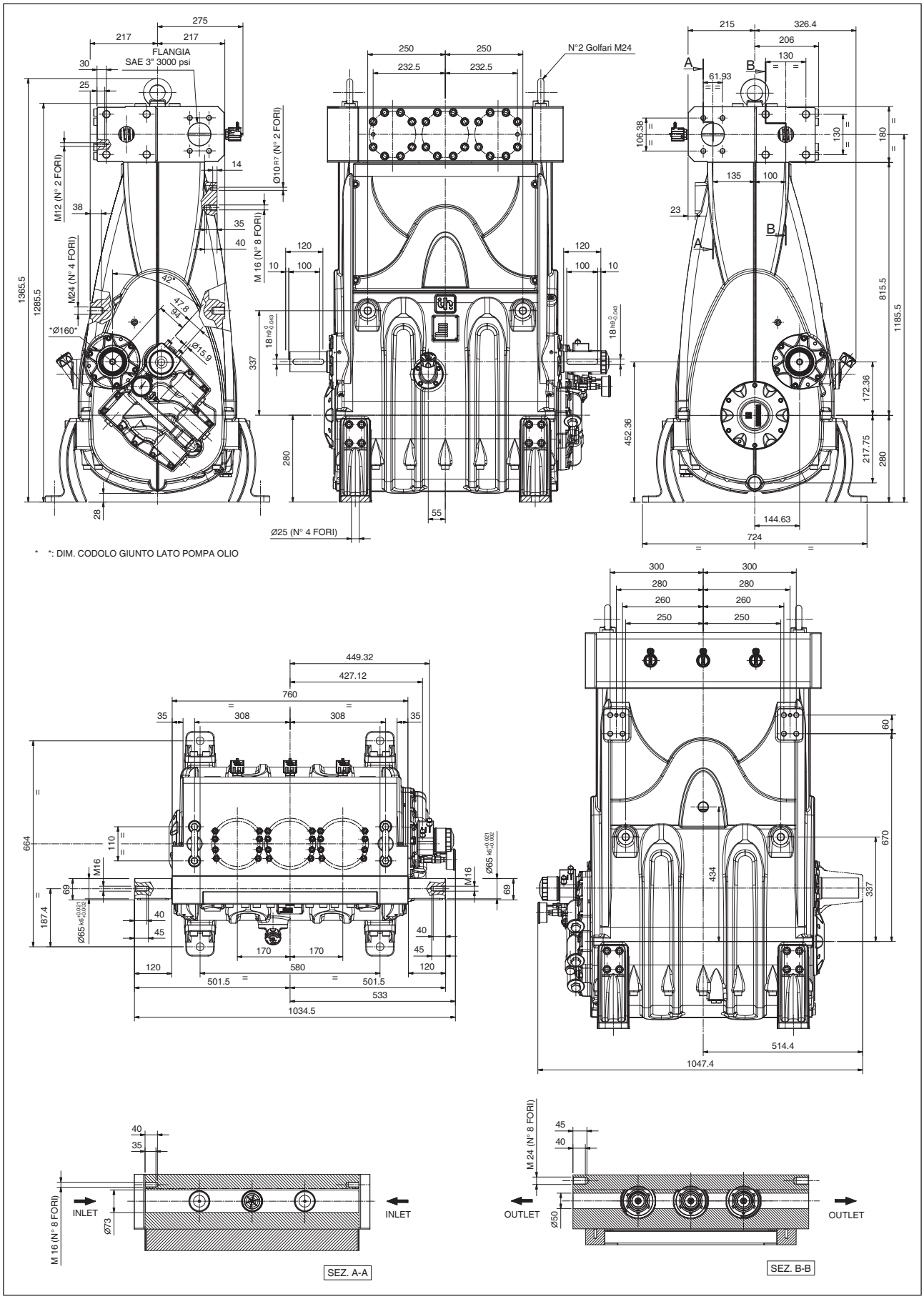
For dimensions and weights of Series TR horizontal pumps, refer to Fig. 3.



Dry weight 1185 kg.

Fig. 3

For dimensions and weights of Series TR vertical pumps, refer to Fig. 3/a.



Dry weight 1195 kg.

Fig. 3/a

7 OPERATING INSTRUCTIONS

SR - TR pumps, when not ordered with the ATEX configuration, are designed to operate in environments with atmospheres that are **not** potentially explosive and with filtered water (see point 9.6).
Other liquids can be used only upon formal approval by the ***Engineering Department*** or ***Customer Service Department***.

7.1 Water temperature

Although the maximum permissible water temperature is 40 °C, the pump can be used with water at up to 60 °C, but only for short periods. In this case we recommend consulting our ***Technical*** or ***Customer Service Departments***.

ATEX version: The maximum permissible water temperature is **40 °C**.

7.2 Maximum pressure and flow rate

The rated specifications stated in our catalog are the maximum that can be obtained by the pump. **Independently** of the power used, the maximum pressure and rpm indicated on the specification label can never be exceeded unless prior formal authorization is given by our ***Technical*** or ***Customer Service Departments***.

7.3 Minimum operating speed

The minimum speed allowed for these types of pumps is **250 rpm at the crankshaft**; any speed other than the value shown in the performance table (see chapter 5) must be expressly and formally authorized by our ***Technical*** or ***Customer Service Departments***.

7.4 Sound emission

The sound pressure detection test was performed according to Directive 2000/14 of the European Parliament and Council (Machinery Directive) and EN-ISO 3744 with class 1 instrumentation.
A final detection of sound pressure must be performed on the complete machine/system.
Should the operator be located at a distance of less than 1 meter, appropriate hearing protection must be employed according to current regulations.

7.5 Vibration

The detection of this value shall be carried out only with the pump set up on the plant and at the performance declared by the customer. Values must be in accordance with regulations.

7.6 Recommended lubricating oil brands and type

7.6.1 Oil type

The pump is shipped with TOTAL-ERG MISOLA MAP SH-150 lubricating oil, which ensures correct use of the pump in ambient temperatures from -10 °C to +40 °C.
For alternative temperatures use single viscosity lubricating oil with adequate viscosity.
For pump applications in low temperature conditions use suitable heaters.
Forced lubrication is provided by the lube pump, which ensures the correct quantity of oil in all points required by the moving parts.
The need to use single viscosity oil is due to two reasons:

- To assist users in avoiding to have to change oil viscosity to comply with ambient temperature or seasonal changes.
- To significantly increase the time between oil changes, consequently reducing the need for maintenance work; refer to the "preventive maintenance" table in chapter 11.

7.6.2 Recommended oil brands

TOTAL-ERG MISOLA MAP SH-150.
MOBIL SHC 629.

7.6.3 Required oil characteristics

If the recommended oil brands are unavailable or difficult to find, use alternative oils provided they comply with the following technical specifications:

- Viscosity at -10 °C ≤4000 cSt.
- Viscosity at 40 °C ≤200 cSt.
- Viscosity at 100 °C ≤18 cSt.
- Viscosity index: ≥135 cSt.
- Pour point: ≥ -25 °C
- Additive grade GL1 - GL2.

If necessary, consult the **Customer Service Department**.
Check the oil level using the dipstick ①, Fig. 4.
If necessary, top up via the oil cap ①, Fig. 4.
The correct checking of the oil level is made with the pump not running, at room temperature. The oil change must be made with the pump at working temperature, removing the plug pos. ②, Fig. 4. (Use the plug in pos. 2/a for the vertical version)
The oil check and change must be carried out as indicated in chapter 11.
The required oil quantity is: **52 liters for SR-TR horizontal version; 37 liters for SR-TR vertical version**.

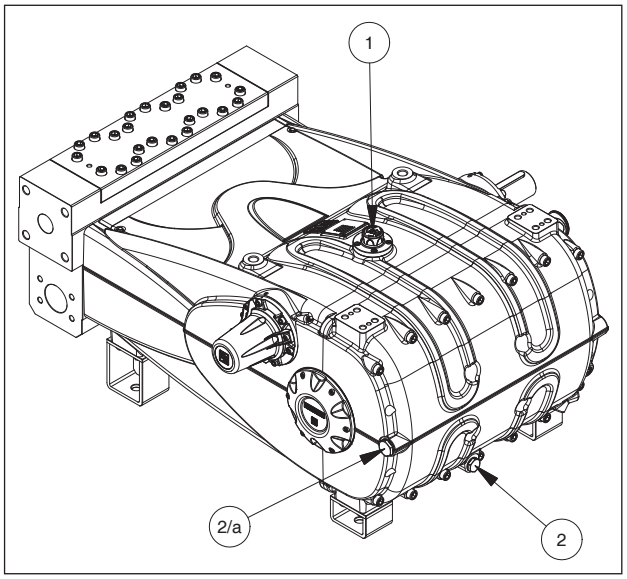


Fig. 4

Set up the plant so that the oil temperature never exceeds 100 °C (212 °F) during pump operation under any circumstances.
For this purpose use the oil temperature indicator indicated in referenced in point 9.10.
CAUTION: Use only oil with a flash point higher than 200 °C.

In any case the oil must be changed at least once a year, as it is degraded by oxidation.

The used oil must be poured unto a suitable container and consigned to an authorized recycling center.
Do not release used oil into the environment under any circumstances.

8 PORTS AND CONNECTIONS

SR-TR series pumps are equipped with (see Fig. 5 and Fig. 6):
2 inlet ports ("IN"): SAE G3" - 3000 PSI, see "EXPLODED VIEW OF INLET - OUTLET VALVE SR-TR" CODE 65950900 (Fig. 7).
Line connection to any of the two ports is indifferent for proper pump functioning. The unused ports must be hermetically closed.
2 outlet ports ("OUT"): see "EXPLODED VIEW OF INLET - OUTLET VALVE SR-TR" CODE 65950900 (Fig. 7).
1 DRAIN port: with G1" hole in the bottom of the cover to monitor any leakage of water due to pressure seals wear. If you find evidence of leaks, refer to the repair manual.
The hole must always remain open and may be connected to a detection system if required.

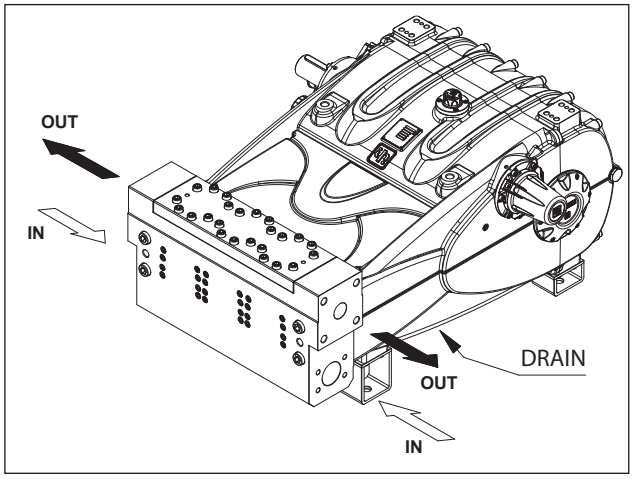


Fig. 5

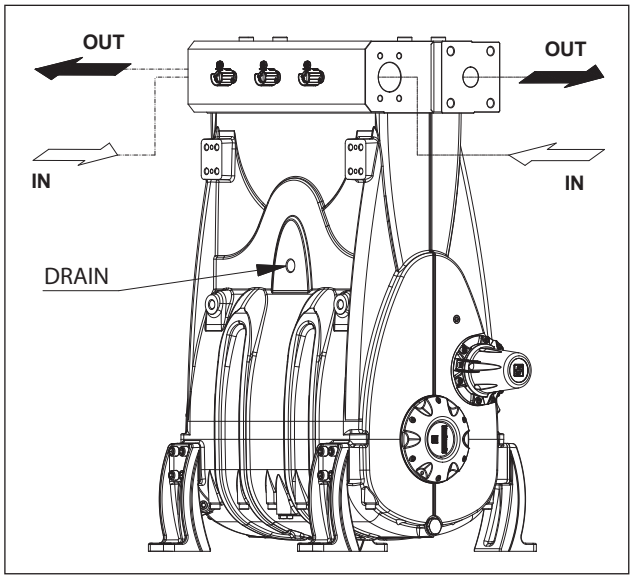
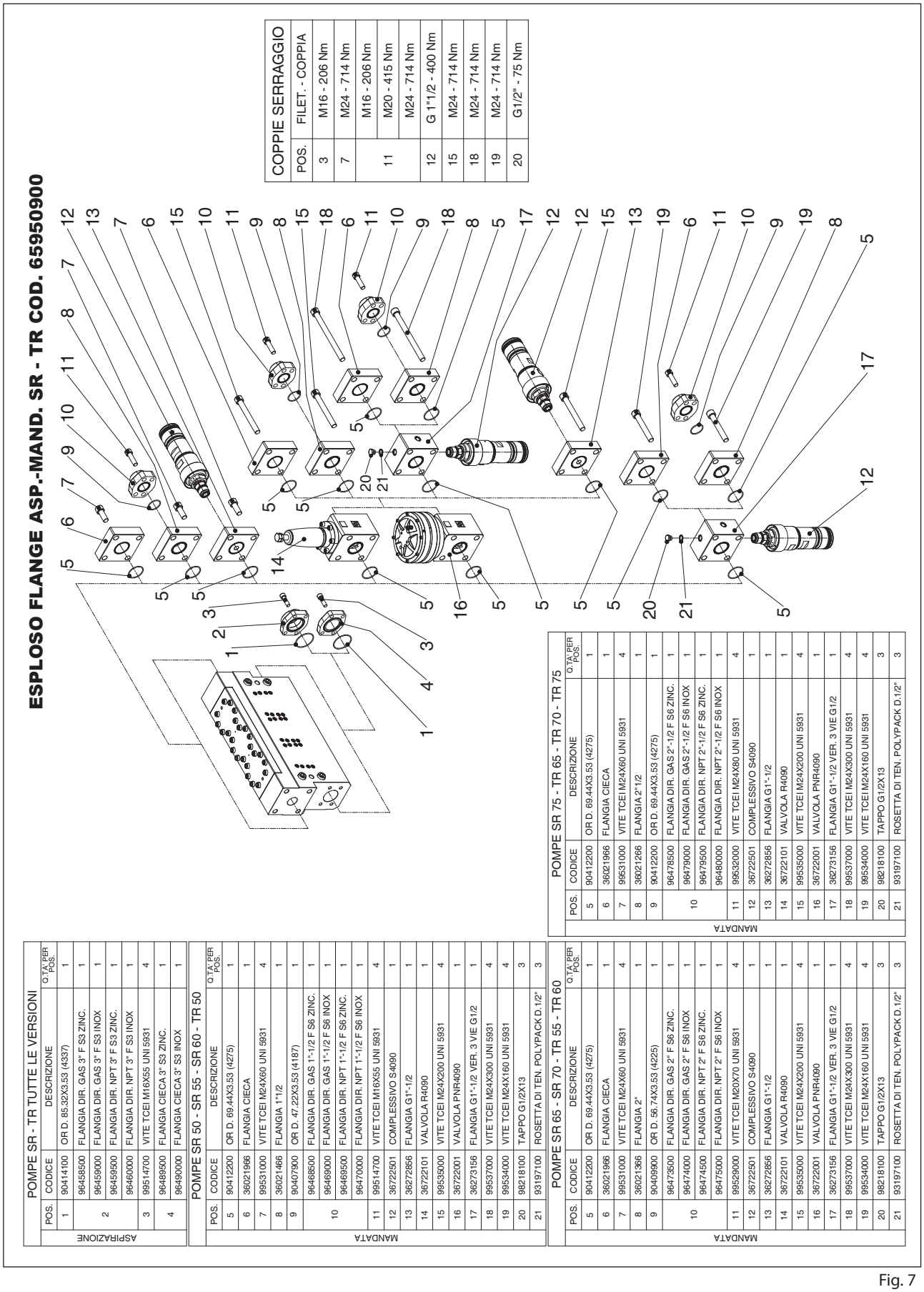


Fig. 6

8.1 Inlet and Outlet layout diagram



COPPIE SERRAGGIO	
POS.	FILET. - COPPIA
3	M16 - 206 Nm
7	M24 - 714 Nm
11	M16 - 206 Nm
	M20 - 415 Nm
	M24 - 714 Nm
12	G 1"1/2 - 400 Nm
15	M24 - 714 Nm
18	M24 - 714 Nm
19	M24 - 714 Nm
20	G1/2" - 75 Nm

POMPE SR - TR TUTTE LE VERSIONI

	POS.	CODICE	DESCRIZIONE	Q.TÀ PER POS.
ASPIRAZIONE	1	90414100	OR D. 85.32X3.53 (4337)	1
	2	96458500	FLANGIA DIR. GAS 3" F S3 ZINC.	1
		96459000	FLANGIA DIR. GAS 3" F S3 INOX	1
		96459500	FLANGIA DIR. NPT 3" F S3 ZINC.	1
		96460000	FLANGIA DIR. NPT 3" F S3 INOX	1
	3	99514700	VITE TCEI M16X55 UNI 5931	4
	4	96489500	FLANGIA CIECA 3" S3 ZINC.	1
		96490000	FLANGIA CIECA 3" S3 INOX	1

POMPE SR 50 - SR 55 - SR 60 - TR 50

	POS.	CODICE	DESCRIZIONE	Q.TÀ PER POS.
MANDATA	5	90412200	OR D. 69.44X3.53 (4275)	1
	6	36021966	FLANGIA CIECA	1
	7	99531000	VITE TCEI M24X60 UNI 5931	4
	8	36021466	FLANGIA 1"1/2	1
	9	90407900	OR D. 47.22X3.53 (4187)	1
	10	96468500	FLANGIA DIR. GAS 1"-1/2 F S6 ZINC.	1
		96469000	FLANGIA DIR. GAS 1"-1/2 F S6 INOX	1
		96469500	FLANGIA DIR. NPT 1"-1/2 F S6 ZINC.	1
		96470000	FLANGIA DIR. NPT 1"-1/2 F S6 INOX	1
	11	99514700	VITE TCEI M16X55 UNI 5931	4
	12	36722501	COMPLESSIVO S4090	1
	13	36272856	FLANGIA G1"-1/2	1
	14	36722101	VALVOLA R4090	1
	15	99535000	VITE TCEI M24X200 UNI 5931	4
	16	36722001	VALVOLA PNR4090	1
	17	36273156	FLANGIA G1"-1/2 VER. 3 VIE G1/2	1
	18	99537000	VITE TCEI M24X300 UNI 5931	4
	19	99534000	VITE TCEI M24X160 UNI 5931	4
	20	98218100	TAPPO G1/2X13	3
	21	93197100	ROSETTA DI TEN. POLYPACK D.1/2"	3

POMPE SR 65 - SR 70 - TR 55 - TR 60

	POS.	CODICE	DESCRIZIONE	Q.TÀ PER POS.
MANDATA	5	90412200	OR D. 69.44X3.53 (4275)	1
	6	36021966	FLANGIA CIECA	1
	7	99531000	VITE TCEI M24X60 UNI 5931	4
	8	36021366	FLANGIA 2"	1
	9	90409900	OR D. 56.74X3.53 (4225)	1
	10	96473500	FLANGIA DIR. GAS 2" F S6 ZINC.	1
		96474000	FLANGIA DIR. GAS 2" F S6 INOX	1
		96474500	FLANGIA DIR. NPT 2" F S6 ZINC.	1
		96475000	FLANGIA DIR. NPT 2" F S6 INOX	1
	11	99529000	VITE TCEI M20X70 UNI 5931	4
	12	36722501	COMPLESSIVO S4090	1
	13	36272856	FLANGIA G1"-1/2	1
	14	36722101	VALVOLA R4090	1
	15	99535000	VITE TCEI M24X200 UNI 5931	4
	16	36722001	VALVOLA PNR4090	1
	17	36273156	FLANGIA G1"-1/2 VER. 3 VIE G1/2	1
	18	99537000	VITE TCEI M24X300 UNI 5931	4
	19	99534000	VITE TCEI M24X160 UNI 5931	4
	20	98218100	TAPPO G1/2X13	3
	21	93197100	ROSETTA DI TEN. POLYPACK D.1/2"	3

POMPE SR 75 - TR 65 - TR 70 - TR 75

	POS.	CODICE	DESCRIZIONE	Q.TÀ PER POS.
MANDATA	5	90412200	OR D. 69.44X3.53 (4275)	1
	6	36021966	FLANGIA CIECA	1
	7	99531000	VITE TCEI M24X60 UNI 5931	4
	8	36021266	FLANGIA 2"1/2	1
	9	90412200	OR D. 69.44X3.53 (4275)	1
	10	96478500	FLANGIA DIR. GAS 2"-1/2 F S6 ZINC.	1
		96479000	FLANGIA DIR. GAS 2"-1/2 F S6 INOX	1
		96479500	FLANGIA DIR. NPT 2"-1/2 F S6 ZINC.	1
		96480000	FLANGIA DIR. NPT 2"-1/2 F S6 INOX	1
	11	99532000	VITE TCEI M24X80 UNI 5931	4
	12	36722501	COMPLESSIVO S4090	1
	13	36272856	FLANGIA G1"-1/2	1
	14	36722101	VALVOLA R4090	1
	15	99535000	VITE TCEI M24X200 UNI 5931	4
	16	36722001	VALVOLA PNR4090	1
	17	36273156	FLANGIA G1"-1/2 VER. 3 VIE G1/2	1
	18	99537000	VITE TCEI M24X300 UNI 5931	4
	19	99534000	VITE TCEI M24X160 UNI 5931	4
	20	98218100	TAPPO G1/2X13	3
	21	93197100	ROSETTA DI TEN. POLYPACK D.1/2"	3

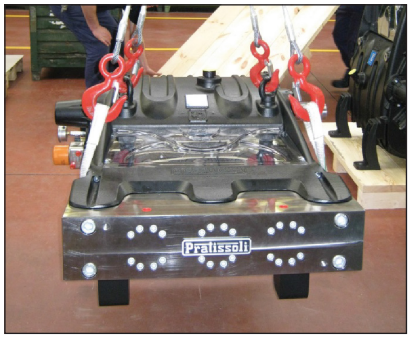
Fig. 7

9 PUMP INSTALLATION

9.1 Installation

The fixing holes on the feed are 25 mm in diameter.
The base must be perfectly flat and rigid enough as not to allow bending or misalignment on the pump coupling axis/transmission due to torque transmitted during operation.
There are 4 M24 holes on the pump to accept lifting eyebolts to facilitate installation of the unit, as shown in the figures below.

The eyebolts are sized for lifting the pump only and must never be used to handle additional loads.





Earthing: the pump must be connected to an earth conductor using the stainless steel M8 screw and stainless steel serrated washer marked with a YELLOW label.
See "ATEX EXPLOSION PROTECTION" manual.

Remove the oil filler plug located on the cover and replace it with the oil level dipstick.
The dipstick must always be accessible, also when the unit is installed.

The pump shaft (PTO) must not be rigidly connected to the drive unit.
Types of transmission:
- Flexible coupling.
- Universal joint (comply with the maximum working angles recommended by the manufacturer).

The belt drive on the pinion is not allowed.
For belt transmission see chapter 17.1 "Direct PTO version on crankshaft".

In all cases the transmission must be assembled correctly to avoid incorrect or harsh operation of the connection parts and to prevent excessive wear, temperature rise and/or hazardous breakages that may create potential sources of ignition and explosion. *See "ATEX EXPLOSION PROTECTION" manual.*

9.2 Rotation direction

The rotation direction can be clockwise or anticlockwise either on the left or right side (see Fig. 8).

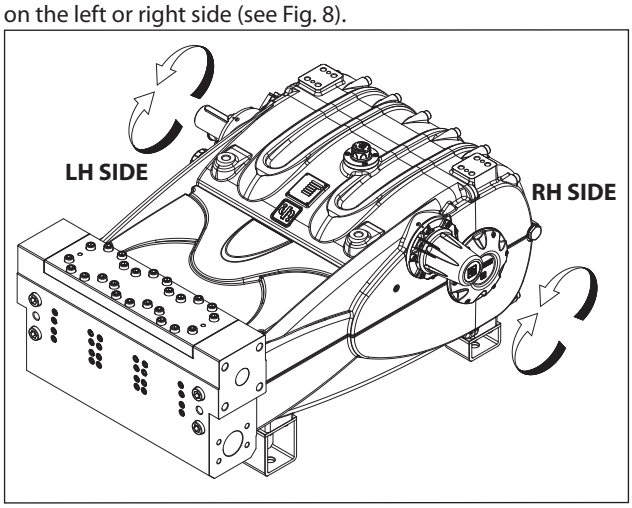


Fig. 8

Drive can be connected to the pump on either side; on the **LEFT SIDE** pay attention to the protrusion of the lube pump.
The end cover must be fitted over the unused PTO.

9.3 Hydraulic connections

In order to isolate the circuit from vibrations produced by the pump the first section of the piping adjoining the pump (both suction and outlet) must be composed of a flexible hose. The suction hose must be sufficiently rigid to prevent deformation due to the negative pressure exerted by the action of the pump.

9.4 Pump supply

SR-TR series pumps must always be installed with a pressure supply delivered by a booster pump.
The booster pump must have at least twice the flow rate of the rated flow rate of the plunger pump and a minimum pressure of 2 bar and a maximum pressure of 3.5 bar measured at the suction port.
These supply conditions must be observed at all operating speeds.

The booster pump must always be started before the plunger pump.
It is advisable to install a pressure switch on the supply line downstream of the filters protecting the pump.

9.5 Suction line

For smooth operation of the pump, the suction line must have the following characteristics:

1. Minimum inside diameter as indicated in the tables in point 9.8 and anyway equal to or greater than the diameter at the pump manifold

   Localized restrictions should be avoided along the suction line as these can cause pressure drops with resulting cavitation. Avoid 90° elbows, connections with other piping, restrictions, reverse gradients, inverted U-curves and Tee connections.

2. The layout must be such as to prevent cavitation problems.
3. Completely airtight and constructed to ensure a perfectly hermetic seal through time.
4. Prevent the pump from emptying when it is stopped, including partial emptying.

5. Do not use 3 or 4-way hydraulic fittings, adapters, swivel joints, etc. as they could jeopardize pump performance.
6. Do not install Venturi tubes or injectors for detergent suction.
7. Avoid use of foot valves or other types of unidirectional valves.
8. Do not recirculate the by-pass valve drain directly to the suction line.
9. Provide for proper baffles inside the tank to prevent the water flow from the bypass and the tank supply line from creating vortexes or turbulence near the pump feeding pipe port.
10. Make sure the suction line is thoroughly clean inside before connecting it to the pump.
11. Install the pressure gauge for checking the booster pressure near the plunger pump suction port and always downstream from the filters.

9.6 Filtration

Two filters must be installed on the pump suction line, positioned as indicated in Fig. 9 and Fig. 9/a.

With manual control valve.

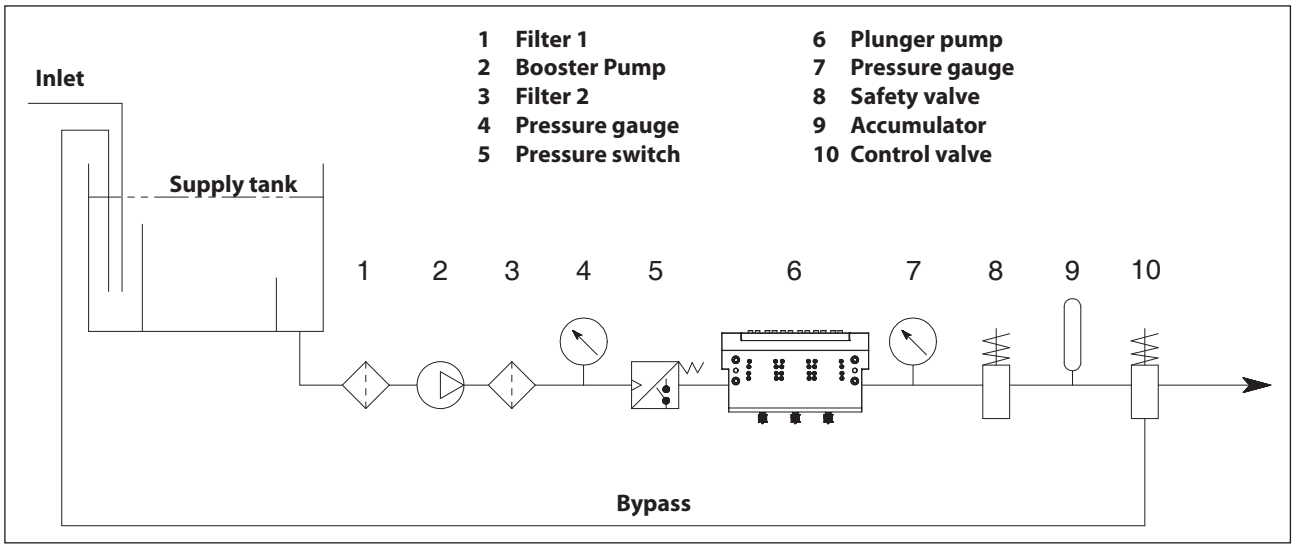


Fig. 9

With pneumatic control valve

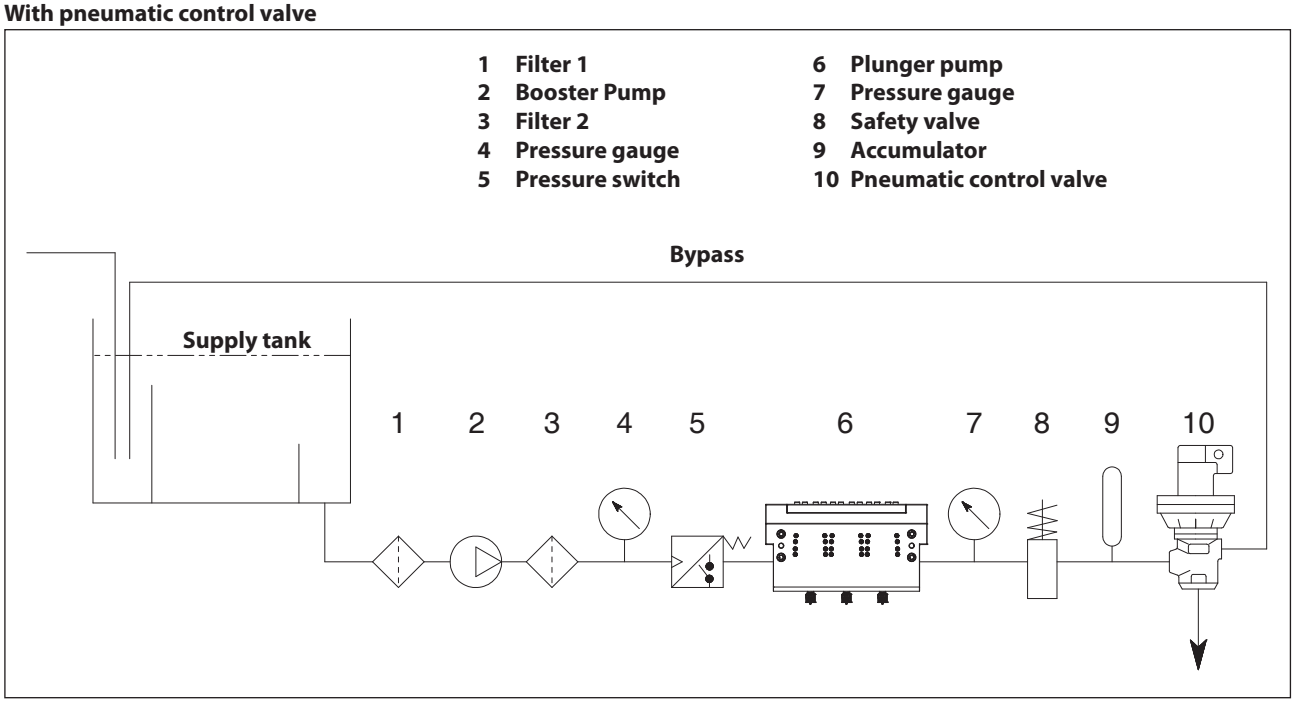


Fig. 9/a

The filter, which is to be installed as close to the pump as possible, must be easily inspectable and have the following specifications:

1. Minimum flow rate at least 3 times the nominal flow rate of the pump.
2. Inlet/outlet port diameters no smaller than the inlet port diameter of the pump.
3. Filtration grade between 200 and 360 µm.

For smooth pump operation plan for regular filter cleaning according to the actual use of the pump, the pumped water quality and the effective clogging conditions.

9.7 Outlet line

For correct design of the outlet line comply with the following installation prescriptions:

1. The inside piping diameter must be sufficient to ensure correct fluid velocity, see tables in point 9.8.
2. The first section of the line connected to the pump outlet must be a flexible hose, in order to isolate vibration produced by the pump from the rest of the system.
3. Use high pressure pipes and fittings to ensure high safety margins in all operating conditions.
4. The outlet line must always be equipped with a safety valve.
5. Use pressure gauges capable of withstanding the pulsating loads typical of plunger pumps.
6. During the design stage, keep in mind the line pressure drops that lead to a pressure reduction at the user with respect to the pressure measured on the pump.
7. For applications in which pulses produced by the pump on the outlet line may prove harmful or are anyway undesirable, install a pulsation dampener of sufficient size.

9.8 Circuit piping internal diameter

The following table shows the internal diameter values for the suction and outlet piping.

PUMP SR		
MODEL	**SUCTION**	**OUTLET**
SR 50	SAE 3" - 3000 PSI	SAE 1"1/2 - 6000 PSI
SR 55		
SR 60		
SR 65		SAE 2" - 6000 PSI
SR 70		
SR 75		SAE 2"1/2 - 6000 PSI

PUMP TR		
MODEL	**SUCTION**	**OUTLET**
TR 50	SAE 3" - 3000 PSI	SAE 1"1/2 - 6000 PSI
TR 55		SAE 2" - 6000 PSI
TR 60		
TR 65		SAE 2"1/2 - 6000 PSI
TR 70		
TR 75		

For the composition of inlet and outlet flanges refer to the "EXPLODED VIEW OF SR-TR INLET-OUTLET SR-TR" Fig. 7.
If necessary, contact the Engineering Department or Customer Service Department.

9.9 Water/oil heat exchanger connection

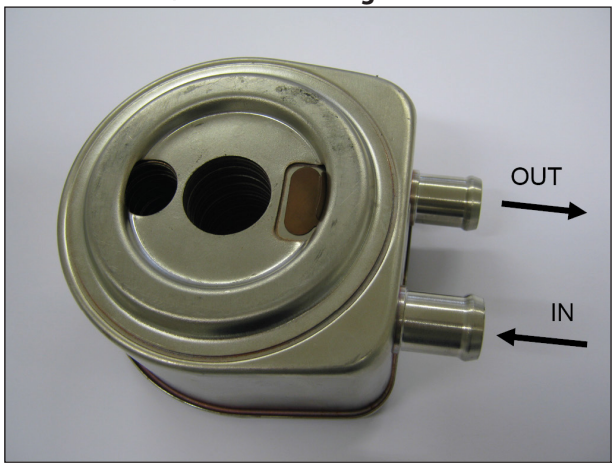


Fig. 10

For optimal performance connect the exchanger in the reverse flow direction (see Fig. 10).

Water flow rate:

a) Maximum efficiency 25 l/min.
b) Medium efficiency 20 l/min.
c) Minimum efficiency 12 l/min.

If the pump operates in ambient temperatures below 5 °C (41 °F) the heat exchanger is not essential.
Refer to chapter 11 for maintenance information.

9.9.1 Regulating the water flow rate to the heat exchanger

The heat exchanger is designed to control the pump oil temperature and ensure it does not exceed 95 °C (200 °F).
The heat exchanger requires an adjustable water flow rate of up to 25 l/min.
The flow rate must be adjusted in order to comply with the equation:
$\Delta t\ (T1\text{-}T2) \leq 45°\text{-}50\ °C\ (113°\text{-}122\ °F)$
Where
T1=Oil temperature measured in the crankcase
T2=Ambient temperature.
The water inlet temperature must not exceed 40 °C (104 °F).
The inlet water can be drawn from the plunger pump feeding line.
The heat exchanger circuit must be supplied at max 7 bar (101.5 PSI).
When the pump operates at temperatures below 5 °C (41 °F) the use of the heat exchanger is not essential.

It is recommended to use water free from impurities that could obstruct the passage inside the exchanger and to perform preventive maintenance (chap. 11.2).
The outlet pipe (OUT) must be left free, i.e. without restrictions or bottleneck, so that the flow of water inside can circulate freely without generating outlet pressure.

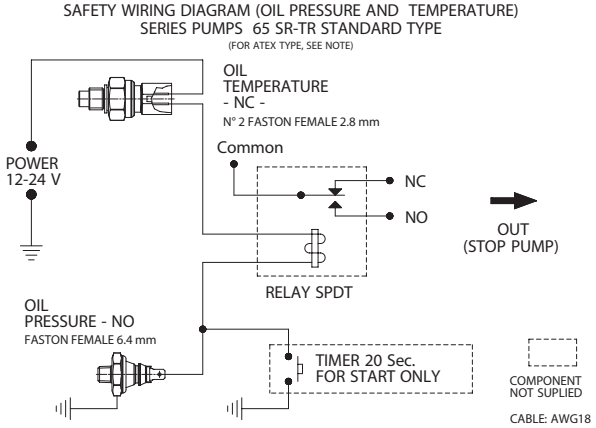
9.10 Lube pump assy

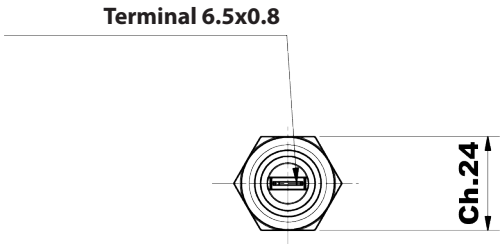
The maximum time from starting the pump to prime the lubricating oil and detect its pressure in the gauge installed on the oil pump body is 5 seconds at a minimum speed of 250 RPM.

During the first priming, if no pressure is shown on the pressure gauge after this time, proceed as described in the "REPAIR MANUAL" in Chap. 2.1.2.1 - Oil pump assembling (steps 1 and 2).

COMPONENTS

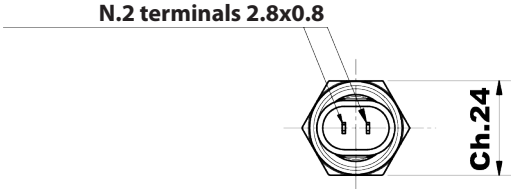
1) Oil filter cartridge - to be hand-tightened. Refer to chapter 11 for maintenance information.
2) 0...16 bar pressure gauge for periodic lube oil pressure checks.
3) Pressure switch: NORMALLY OPEN (normally closed on request); 12 V.
   For stationary units it is good practice to connect the pressure switch via a protection system.
4) Oil thermostat: NORMALLY CLOSED; 12 V.
5) Safety devices wiring diagram.





PRESSURE SWITCH CONNECTION

SETTING PRESSURE: 0.3 ±0.15 BAR



TEMPERATURE INDICATOR SWITCH CONNECTIONS

OPERATING TEMP.: 105 °C±5 °C

ATTENTION: the pumps in this configuration are fitted with ATEX approved thermostat and pressure switch having the same characteristics.

10 START-UP AND OPERATION

10.1 Preliminary checks (commissioning)

Before start-up, ensure that:

The suction line is connected and pressurized (see chapter 9): the pump must never run dry.

1. The suction line ensures a hermetic seal over time.
2. Any shut-off valves between the supply source and the pump are fully open. The outlet line is free discharge, to permit rapid expulsion of the air present in the pump manifold and therefore facilitate fast priming.
3. All suction and outlet fittings and connections are properly tightened.
4. The coupling tolerances on the pump/transmission shaft (half-joint misalignment, Cardan joint angle, etc.) remain within the limits required by the transmission manufacturer.
5. The oil in the pump crankcase is at the recommended level, as changed with the dipstick on the top of the crankcase (pos. 1 Fig. 11 and Fig. 11/a).

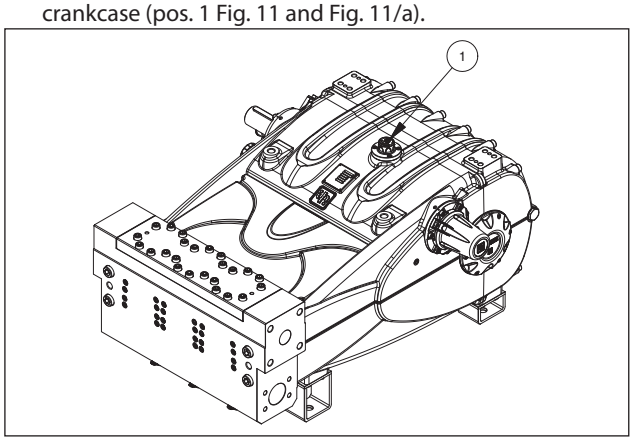


Fig. 11

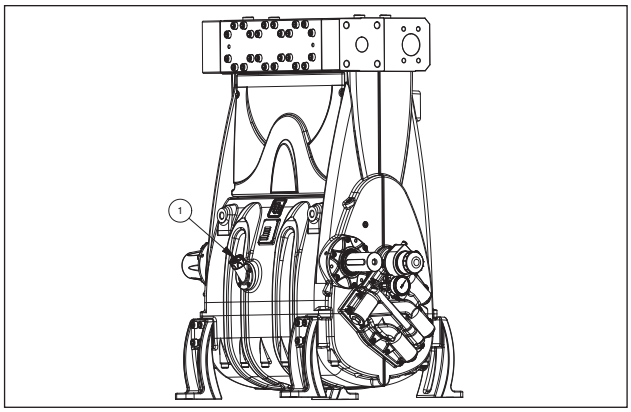


Fig. 11/a

In case of prolonged storage or long-term inactivity of the pump, restore proper operation of the suction valves by opening the three valve-lifters.
(See pos.② Fig. 12). Make sure you have closed the valves before starting the pump. For the "work" and "rest" positions, see Fig. 12/a.

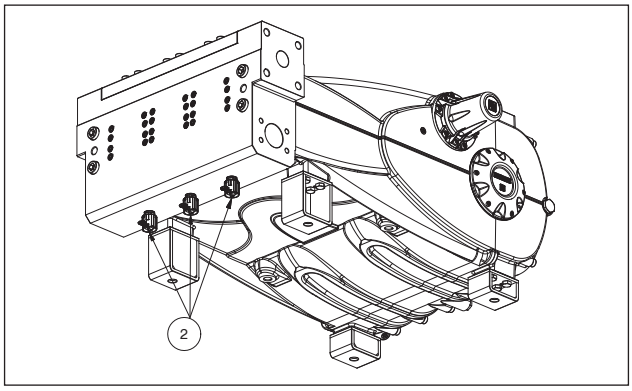


Fig. 12

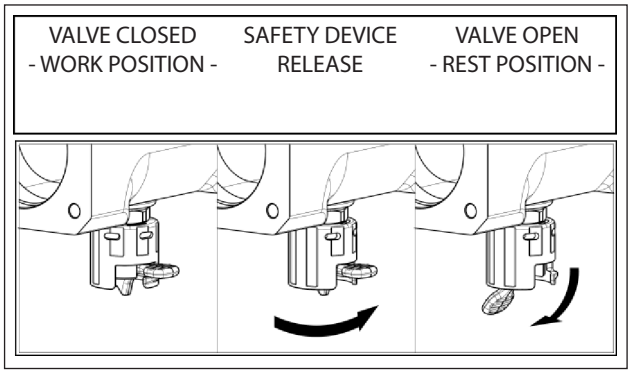


Fig. 12/a

10.2 Start-up

1. Check that the pump is fed correctly.
2. Start-up the pump without any load.
3. Check that the rotation rpm during operation does not exceed the nominal rpm of the pump.
4. Allow the pump run for no less than 3 minutes before pressurizing it.
5. Before each pump stop, reset pressure by means of the control valve or with any pressure relief devices.

11 PREVENTIVE MAINTENANCE

For pump reliability and efficiency, comply with maintenance intervals as shown in the table below.

PREVENTIVE MAINTENANCE		
Every 1000 hours	**Every 1500 hours**	**Every 3000 hours**
Check oil level		
	Check/Replace*: Valves Valve seats Valve springs Valve guides	Oil and oil filter change Bellows replacement (vertical version)
	Replacement *: H.P. seals L.P. seals	

* To replace, follow the instructions given in the ***repair manual***.

11.1 Bellows (SR - TR vertical version)

Check that the bellows fastening clamps are properly tightened after the first **1000 hours** of operation.
Replace the bellows every 3000 hours of operation.

Replace the bellows every 2000 hours of operation.

To replace, follow the instructions given in the **repair manual**.

11.2 Water/oil heat exchanger

The heat exchanger cleaning intervals must be established on the basis of the water hardness of the application. It is good practice to clean the exchanger **every 2000 hours if water hardness is ≤ 30°f; every 1000 hours for hardness > 30°f and ≤ 40°f. Above 40°f water hardness the exchanger should be cleaned every 500 hours**.
Flush the exchanger using commercial antiscale products; it is not necessary to dismantle the unit.
N.B.: the heat exchanger is constructed of **STAINLESS STEEL (AISI 303)**.

Mechanical parts lubrication circuit protection: set up the system so that the pressure switch on the forced lubrication pump causes the SR-TR pump to stop if the oil pressure falls

PREVENTIVE MAINTENANCE	
SUBJECT	**INTERVAL**
Check lubrication pressure gauge calibration	Every 10000 hours
Visually inspect the manifold for possible water leaks	Every 500 hours

12 PUMP STORAGE

12.1 Method for filling pump with anti-corrosion emulsion or anti-freeze solution using an external diaphragm pump based on the layout shown in point 9.6

a) Close the filter drain line, if open.
b) Make sure the connecting pipe is clean, coat with grease and connect it to the high pressure discharge.
c) Connect the suction pipe to the diaphragm pump; open the pump suction connection and attach the pipe between it and the diaphragm pump.
d) Fill the container with solution/emulsion.
e) Insert the free ends of the suction pipe and the high pressure exhaust pipe inside the container.
f) Switch on the diaphragm pump.
g) Pump the emulsion until it exits from the high pressure exhaust pipe.
h) Continue pumping for at least another minute. The emulsion can be strengthened if necessary by adding Shell Donax for example to the solution.
i) Stop the pump, remove the pipe from the suction connection and close with a plug
j) Remove the hose from the high pressure exhaust. Clean, grease and plug both pipe connections.

12.2 Pipes

a) Before greasing and protecting pipes according to previously described procedure, dry connections with compressed air.
b) Cover with polyethylene.
c) Do not wrap the pump too tightly and make sure there are no folds.

13 PRECAUTIONS AGAINST FROST

Follow the instructions in chapter 12 (see point 12.1) in areas and times of the year at risk of sub-zero temperatures.

In the presence of ice, do not start the pump under any circumstances until the circuit has been fully defrosted. Serious damage to the pump may result if this prescription is disregarded.

14 WARRANTY CONDITIONS

The warranty period and conditions are contained in the purchase agreement.
The warranty will be invalidated if:

a) The pump is used for purposes other than the agreed purposes.
b) The pump is driven by an electric motor or internal combustion engine having performance values exceeding those shown in the table.
c) The safety devices have been tampered with or they have been disconnected.
d) The pump has been used with accessories or spare parts not supplied by Interpump Group.
e) Damage has been caused by:
   1) improper use
   2) failure to follow maintenance instructions
   3) any use different from that described in the operating instructions
   4) insufficient flow rate
   5) defective installation
   6) incorrect positioning or sizing of pipes
   7) unauthorized design modifications
   8) cavitation

15 OPERATING FAULTS AND THEIR POSSIBLE CAUSES



No flow from pump at start-up:
- The pump is not primed and is running dry.
- No suction water.
- Valves are jammed.
- The outlet line is closed and does not allow the release of air present in the pump manifold.



Pump pulsates irregularly:
- Air suction.
- Insufficient supply.
- Bends, elbows, fittings on the suction line are choking the passage of liquid.
- Suction filter is dirty or too small.
- Booster pump supplies insufficient pressure or flow rate.
- The pump is not primed due to insufficient head or the outlet is closed during priming.
- The pump is not primed due to valve jamming.
- Worn valves.
- Worn pressure seals.
- Faulty operation of pressure control valve.
- Problems on the transmission.





Pump does not supply nominal flow rate / excessive noise:
- Insufficient supply (see causes described above).
- Pump speed is below the rated speed.
- Excessive internal leakage of pressure control valve.
- Worn valves.
- Excessive internal leakage of pressure seals.
- Cavitation due to:
  1) Improper sizing of suction pipes / undersized diameters.
  2) Insufficient flow rate.
  3) High water temperature.



The pressure supplied by the pump is insufficient:
- The user flow (nozzle) is or has become greater than the pump capacity.
- Insufficient revolutions per minute.
- Excessive leakage from the pressure seals.
- Faulty operation of pressure control valve.
- Worn valves.



Pump overheats:
- The pump is working in overpressure conditions or pump rpm is higher than the nominal value.
- Low oil level in the pump crankcase or oil not of recommended type shown in chapter 7 (see point 7.6).
- Joint alignment is incorrect.
- Excessive pump tilt during operation.



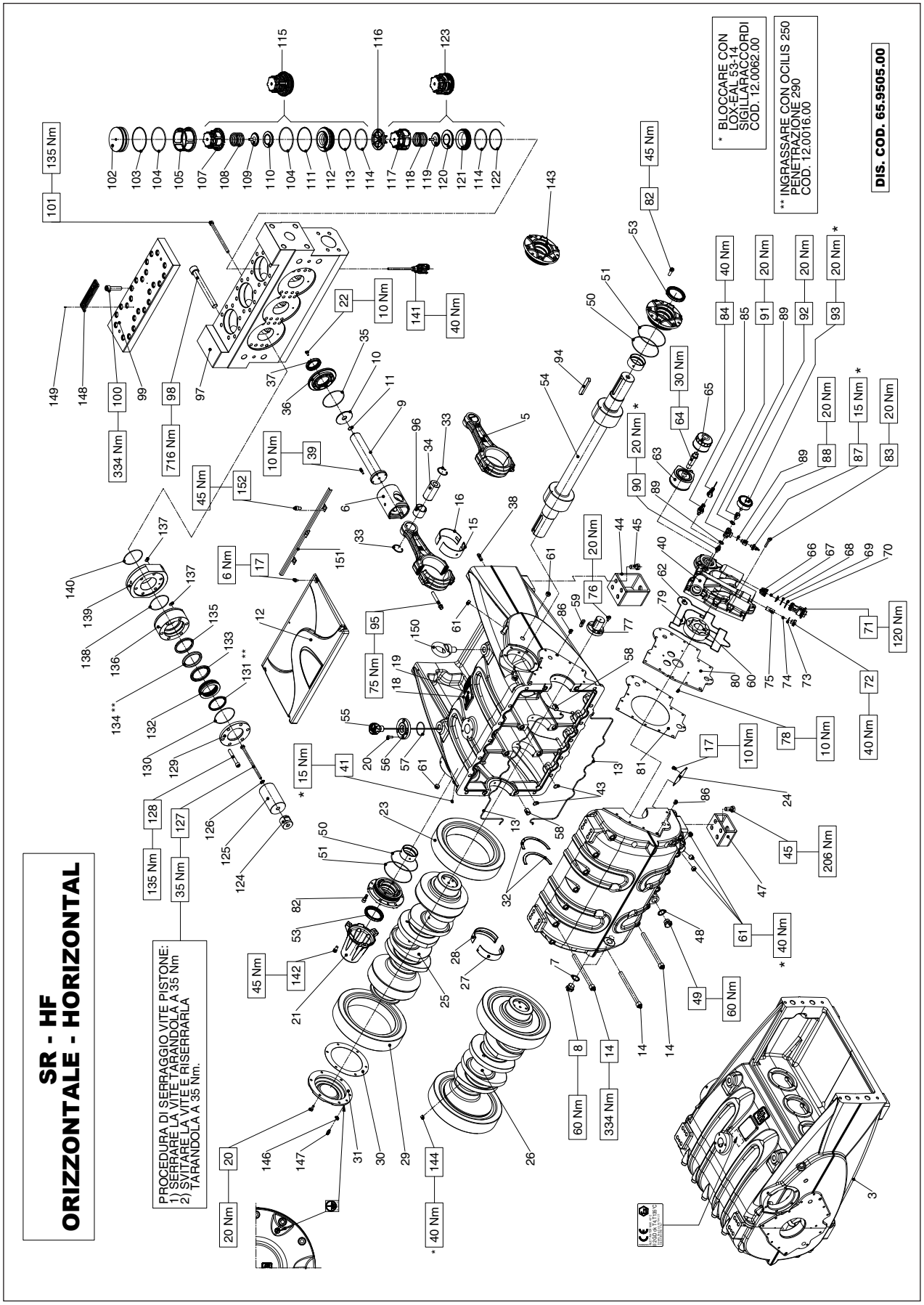
Vibrations or hammering on pipes:
- Air suction.
- Faulty operation of pressure control valve.
- Valves malfunction.
- Non-uniformity of transmission motion.

15.1 Troubleshooting

FAULT	POSSIBLE CAUSE	REMEDY
No noise from pump at start-up	No water at inlet. Valves jammed. Outlet line is closed and thus prevents the release of air trapped in the pump manifold.	Check booster pump operation and flow rate. Check operation of the valves. Check for possible problems on the outlet line.
Insufficient pressure	Pump is drawing in air	Identify leak and repair
	Leaks from pressure control valve or incorrect pressure setting	Repair leaks or restore pressure setting
	Defective set of valve seals	Fit new seals
	Suction or discharge valve(s) damaged	Renew suction and discharge valve(s). Check condition of valve springs.
	Leaks from manifold	Check manifold seals and renew if necessary; fit new manifold
Excess pump running noise	Worn valves. Undersized suction pipes and/or filters. Insufficient flow rate, high water temperature, clogged filter.	Check installation and components on suction line; measure water temperature
Irregular hammering of pipes	Air suction and/or insufficient water supply. Bends, elbows, and fittings on the suction line are choking the passage of liquid. Supply filter is clogged or undersized. Booster pump supplies insufficient pressure and/or flow rate.	Check installation and components on suction line. Check booster pump operation and flow rate. Clean or replace supply filter.
Water leak from gaskets support	Low pressure gasket defective/worn	Renew low pressure gasket
Pump overheats	Pump pressure and/or speed are higher than rated pressure/speed. Low oil level in pump crankcase or oil not of recommended type. Coupling or driveline not aligned.	Restore correct pressure and/or speed. Top up oil level; change oil if necessary. Check transmission.
Oil leaks from pump crankcase	Piston guide rod oil seal defective/worn. Various crankcase gaskets defective/worn. For vertical versions check condition of bellows.	Renew oil seal, bellows and gaskets
Emulsified oil ejected from breather. Oil dipstick shows signs of emulsion.	Lube oil contaminated with pumped liquid.	Check correct operation of piston guide oil seals (or of bellows) and change lube oil

16 EXPLODED DRAWINGS AND PARTS LISTS

16.1 Horizontal SR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.	POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1	41	98.1930.00	TAPPO CONICO M08x1		2
5	65.0306.01	BIELLA COMPLETA		3	43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
6	79.0500.43	GUIDA PISTONE		3	44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
	79.0502.43	GUIDA PISTONE +1.0			45	99.5133.00	VITE M16x35 UNI 5739		16
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2	47	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
8	98.2265.00	TAPPO G 3/4"x16		2	48	93.1980.00	ROSETTA DI TENUTA G 3/4"		1
9	65.0505.66	STELO GUIDA PISTONE		3	49	98.2265.00	TAPPO G 3/4"x16		1
10	65.2105.66	PARASPRUZZI		3		98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3	50	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
12	65.1508.53	COPERCHIO SUPERIORE CARTER		1	51	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX			53	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2	54	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
14	99.5224.00	VITE M16x200 UNI 5931		22		10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3		10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E		55	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E			98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3	56	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E		57	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E		58	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
17	99.1820.00	VITE M06x12 DIN 6921		9	59	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4	60	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
19	97.8268.00	TARGHETTA POMPA		1	61	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
20	99.3059.00	VITE M08x20 UNI 5931		10	62	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1	63	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
22	99.1853.00	VITE M06x16 UNI 5931		6	64	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1	65	92.8990.00	FILTRO OLIO M20x1.5		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE			66	36.2009.51	GUIDA VALVOLA		4
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE			67	94.7440.00	MOLLA Dm. 15.4x26.5		4
24	65.2108.74	RETINA FILTRO OLIO		1	68	36.2010.76	VALVOLA SFERICA		4
25	65.0205.55	ALBERO A GOMITI C. 90		1	69	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
26	65.0207.01	COMPLESSIVO ALBERO C. 90 R.2.900		1	70	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
	65.0208.01	COMPLESSIVO ALBERO C. 90 R.3.460			71	79.2139.64	CARTUCCIA VALVOLA		4
	65.0209.01	COMPLESSIVO ALBERO C. 90 R.4.230			72	98.2137.80	TAPPO M18x11		1
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4	73	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D		74	94.7390.00	MOLLA Dm. 10.8x37.9		1
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D		75	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4	76	99.3039.00	VITE M08x16 UNI 5931		4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D		77	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D		78	99.1851.00	VITE M06x16 UNI 5933		3
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1	79	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE			80	79.2128.74	PIASTRA POMPA OLIO		1
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE			81	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1	82	99.3686.00	VITE M10x30 UNI 5931		12
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1	83	99.3116.00	VITE M08x40 UNI 5931		15
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2	84	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
33	90.0755.00	ANELLO D'ARRESTO J45		6	85	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
34	97.7470.00	SPINOTTO D. 45x86		3	86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3	87	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3	88	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3	89	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
38	97.6300.00	SPINA D. 12.0x40.0		2	90	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
39	99.1897.00	VITE M06x25 UNI 5931		12	91	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
40	79.2124.20	CORPO POMPA OLIO		1	92	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1

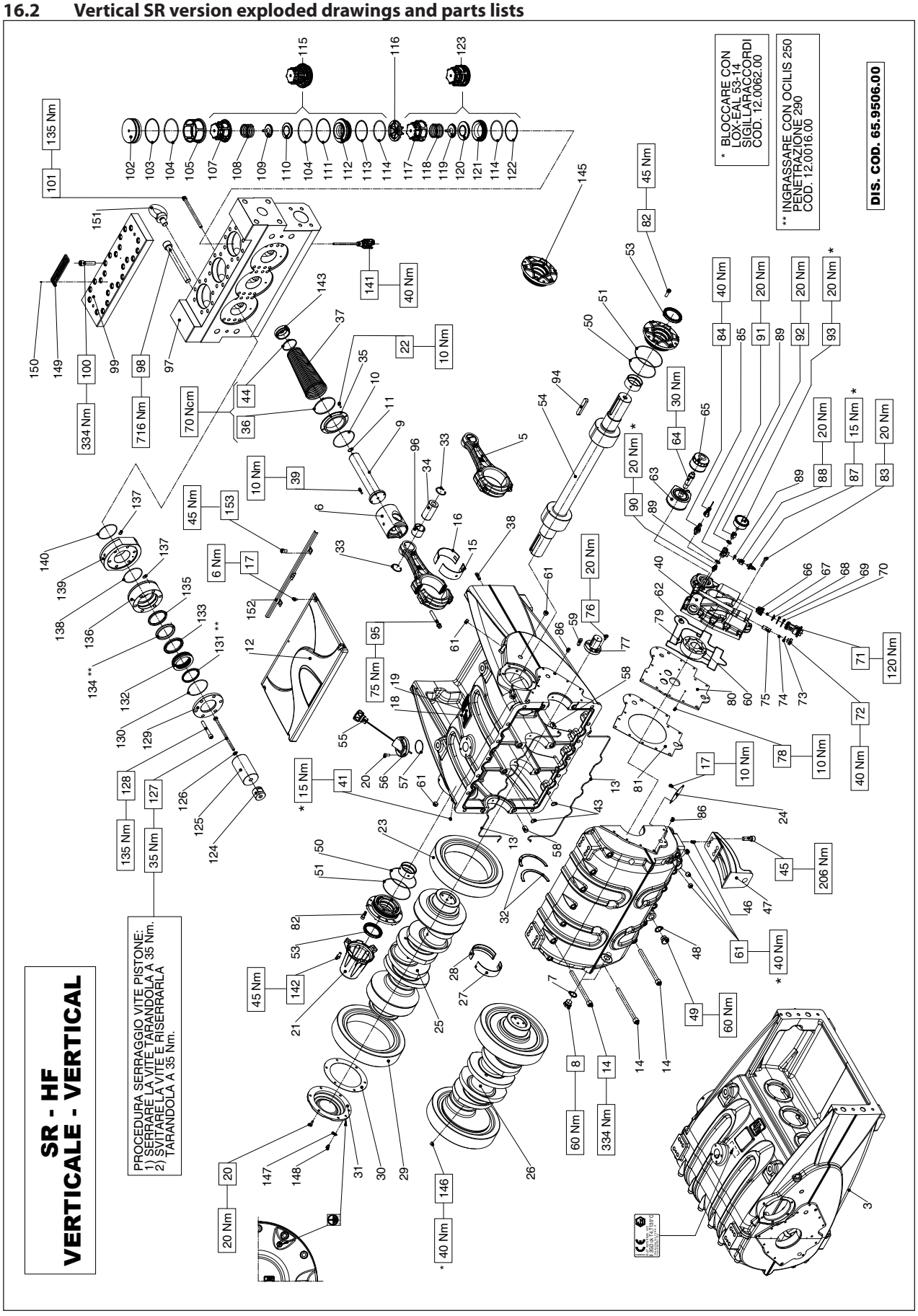
KIT RICAMBIO – SPARE KIT		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
93	**94.6070.00**	**MANOMETRO ATTACCO POSTERIORE 0-16 D. 63**		**1**
94	**91.5050.00**	**LINGUETTA 18.0x11.0x100.0 UNI 6604**		**1**
95	**99.4410.00**	**VITE SERRAGGIO BIELLA**		**6**
96	**90.9185.00**	**BOCCOLA PIEDE BIELLA**		**3**
97	**65.1205.56**	**TESTATA LP**		**1**
98	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
99	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
100	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
101	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
102	**65.2121.56**	**TAPPO VALVOLA**		**3**
103	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
104	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
105	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
107	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
108	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
109	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
110	**36.2126.01**	**VALVOLA SFERICA**		**3**
111	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
112	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
113	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
114	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
115	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
116	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
117	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
118	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
119	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
120	**36.2127.01**	**VALVOLA SFERICA**		**3**
121	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
122	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
123	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
124	**65.2119.66**	**DISTANZIALE PISTONE**		**3**
125	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
126	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
127	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
128	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
129	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
130	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - SR50 SR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - SR60 SR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - SR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - SR75	A-C	
131	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
131	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	3
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
132	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
133	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
134	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
135	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
136	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
137	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
138	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - SR50 SR55 SR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - SR65 SR70 SR75	A-C	
139	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.36	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
140	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
141	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
142	**99.3652.00**	**VITE M10x20 5931**		**3**
143	**65.7005.01**	**COPERCHIO PIGNONE PTO COMPLETO**		**2**
144	**99.4250.00**	**VITE M12x12 5923**		**2**
146	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
147	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
148	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
149	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
150	**93.1080.00**	**GOLFARE M24 UNI 2947**		**2**
151	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
152	**99.4254.00**	**VITE M12x16 5931**		**2**

16.2 Vertical SR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0205.55	ALBERO A GOMITI C. 90		1
26	65.0207.01	COMPLESSIVO ALBERO C. 90 R.2.900		1
	65.0208.01	COMPLESSIVO ALBERO C. 90 R.3.460		
	65.0209.01	COMPLESSIVO ALBERO C. 90 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	65.2107.66	FLANGIA PER SOFFIETTO		3
36	92.8110.00	FASCETTA D. 98-109		3
37	65.2110.47	SOFFIETTO	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	92.8100.00	FASCETTA D. 58-69		3
45	99.5142.00	VITE M16x45 UNI 5931		16
46	97.6230.00	SPINA D. 10x24 UNI 6364		8
47	65.2007.13	PIEDE VERTICALE		4
48	93.1980.00	ROSETTA DI TENUTA G 3/4"		1
49	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		
50	90.3926.50	OR D. 120.32x2.62 NBR 70SH 3475	C	2
51	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
53	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
54	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
55	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
56	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
57	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
58	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
59	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
60	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
61	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
62	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
63	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
64	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
65	92.8990.00	FILTRO OLIO M20x1.5		1
66	36.2009.51	GUIDA VALVOLA		4
67	94.7440.00	MOLLA Dm. 15.4x26.5		4
68	36.2010.76	VALVOLA SFERICA		4
69	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
70	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
71	79.2139.64	CARTUCCIA VALVOLA		4
72	98.2137.80	TAPPO M18x11		1
73	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
74	94.7390.00	MOLLA Dm. 10.8x37.9		1
75	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
76	99.3039.00	VITE M08x16 UNI 5931		4
77	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
78	99.1851.00	VITE M06x16 UNI 5933		3
79	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
80	79.2128.74	PIASTRA POMPA OLIO		1
81	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
82	99.3686.00	VITE M10x30 UNI 5931		12
83	99.3116.00	VITE M08x40 UNI 5931		15
84	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
85	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
88	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
89	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
90	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
91	96.3100.00	RACCORDO A T F-F-F G 1/4"		1

KIT RICAMBIO – SPARE KIT

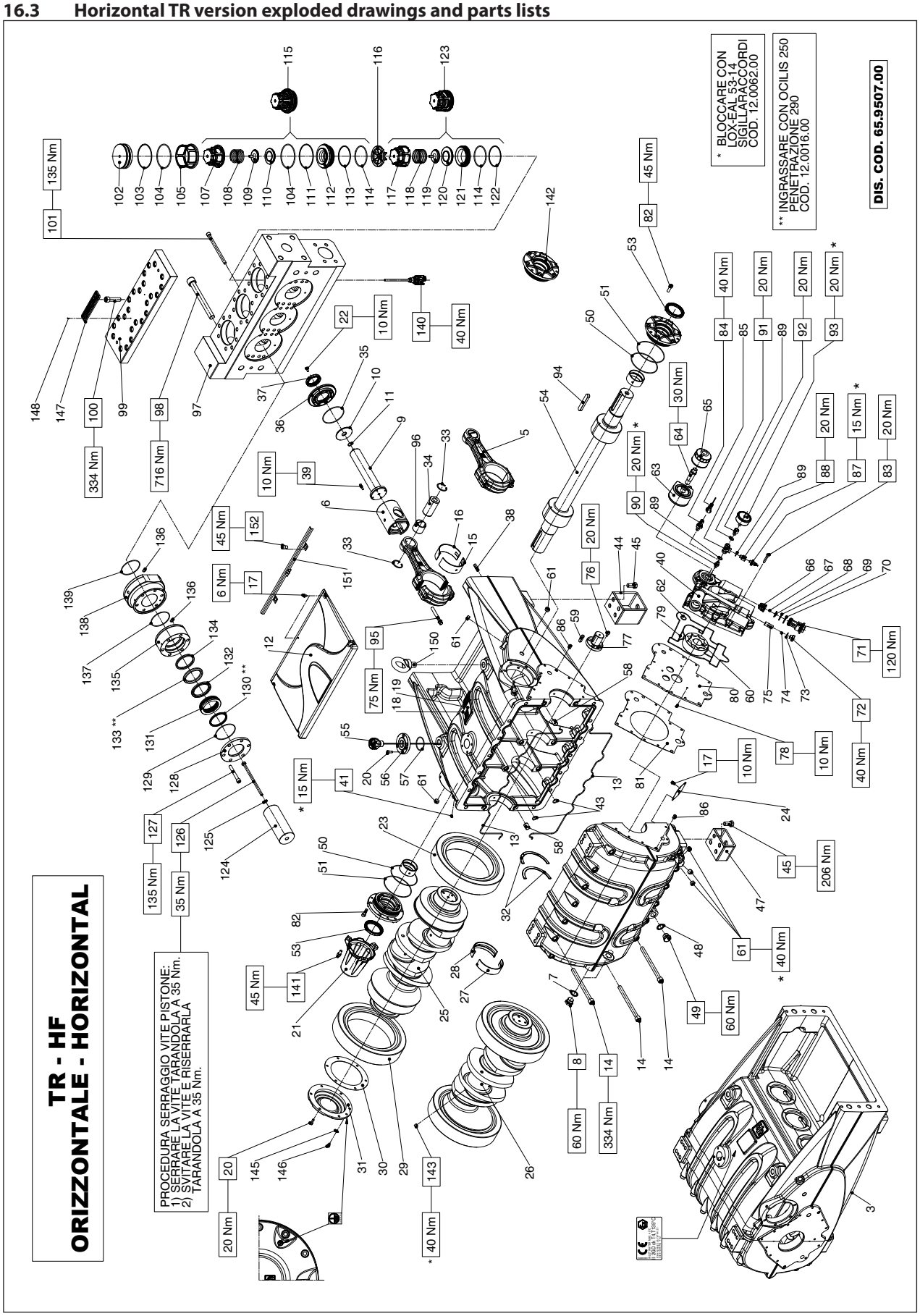
		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
92	**95.2566.00**	**NIPPLO DI RIDUZIONE M-F G 1/4"**		**1**
93	**94.6070.00**	**MANOMETRO ATTACCO POSTERIORE 0-16 D. 63**		**1**
94	**91.5050.00**	**LINGUETTA 18.0x11.0x100.0 UNI 6604**		**1**
95	**99.4410.00**	**VITE SERRAGGIO BIELLA**		**6**
96	**90.9185.00**	**BOCCOLA PIEDE BIELLA**		**3**
97	**65.1205.56**	**TESTATA LP**		**1**
98	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
99	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
100	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
101	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
102	**65.2121.56**	**TAPPO VALVOLA**		**3**
103	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
104	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
105	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
107	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
108	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
109	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
110	**36.2126.01**	**VALVOLA SFERICA**		**3**
111	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
112	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
113	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
114	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
115	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
116	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
117	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
118	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
119	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
120	**36.2127.01**	**VALVOLA SFERICA**		**3**
121	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
122	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
123	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
124	**65.2119.66**	**DISTANZIALE PISTONE**		**3**
125	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
126	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
127	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
128	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
129	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
130	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. SR50 SR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. SR60 SR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. SR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. SR75	A-C	
131	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
131	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	3
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
132	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
133	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
134	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
135	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
136	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
137	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
138	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. SR50 SR55 SR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. SR65 SR70 SR75	A-C	
139	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.36	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
140	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
141	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**1**
142	**99.3652.00**	**VITE M10x20 5931**		**3**
143	**65.2106.66**	**PARASPRUZZI PER SOFFIETTO**		**3**
145	**65.7005.01**	**COPERCHIO PIGNONE PTO COMPLETO**		**2**
146	**99.4250.00**	**VITE M12x12 5923**		**2**
147	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
148	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
149	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
150	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
151	**93.1080.00**	**GOLFARE M24 UNI 2947**		**2**
152	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
153	**99.4254.00**	**VITE M12x16 5931**		**2**

16.3 Horizontal TR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	65.2105.66	PARASPRUZZI		3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0206.55	ALBERO A GOMITI C. 130		1
26	65.0210.01	COMPLESSIVO ALBERO C. 130 R.2.900		1
	65.0211.01	COMPLESSIVO ALBERO C. 130 R.3.460		
	65.0212.01	COMPLESSIVO ALBERO C. 130 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
47	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
48	93.1980.00	ROSETTA DI TENUTA G 3/4"		1
49	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		
50	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
51	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
53	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
54	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
55	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
56	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
57	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
58	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
59	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
60	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
61	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
62	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
63	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
64	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
65	92.8990.00	FILTRO OLIO M20x1.5		1
66	36.2009.51	GUIDA VALVOLA		4
67	94.7440.00	MOLLA Dm. 15.4x26.5		4
68	36.2010.76	VALVOLA SFERICA		4
69	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
70	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
71	79.2139.64	CARTUCCIA VALVOLA		4
72	98.2137.80	TAPPO M18x11		1
73	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
74	94.7390.00	MOLLA Dm. 10.8x37.9		1
75	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
76	99.3039.00	VITE M08x16 UNI 5931		4
77	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
78	99.1851.00	VITE M06x16 UNI 5933		3
79	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
80	79.2128.74	PIASTRA POMPA OLIO		1
81	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
82	99.3686.00	VITE M10x30 UNI 5931		12
83	99.3116.00	VITE M08x40 UNI 5931		15
84	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
85	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
88	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
89	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
90	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
91	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
92	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1

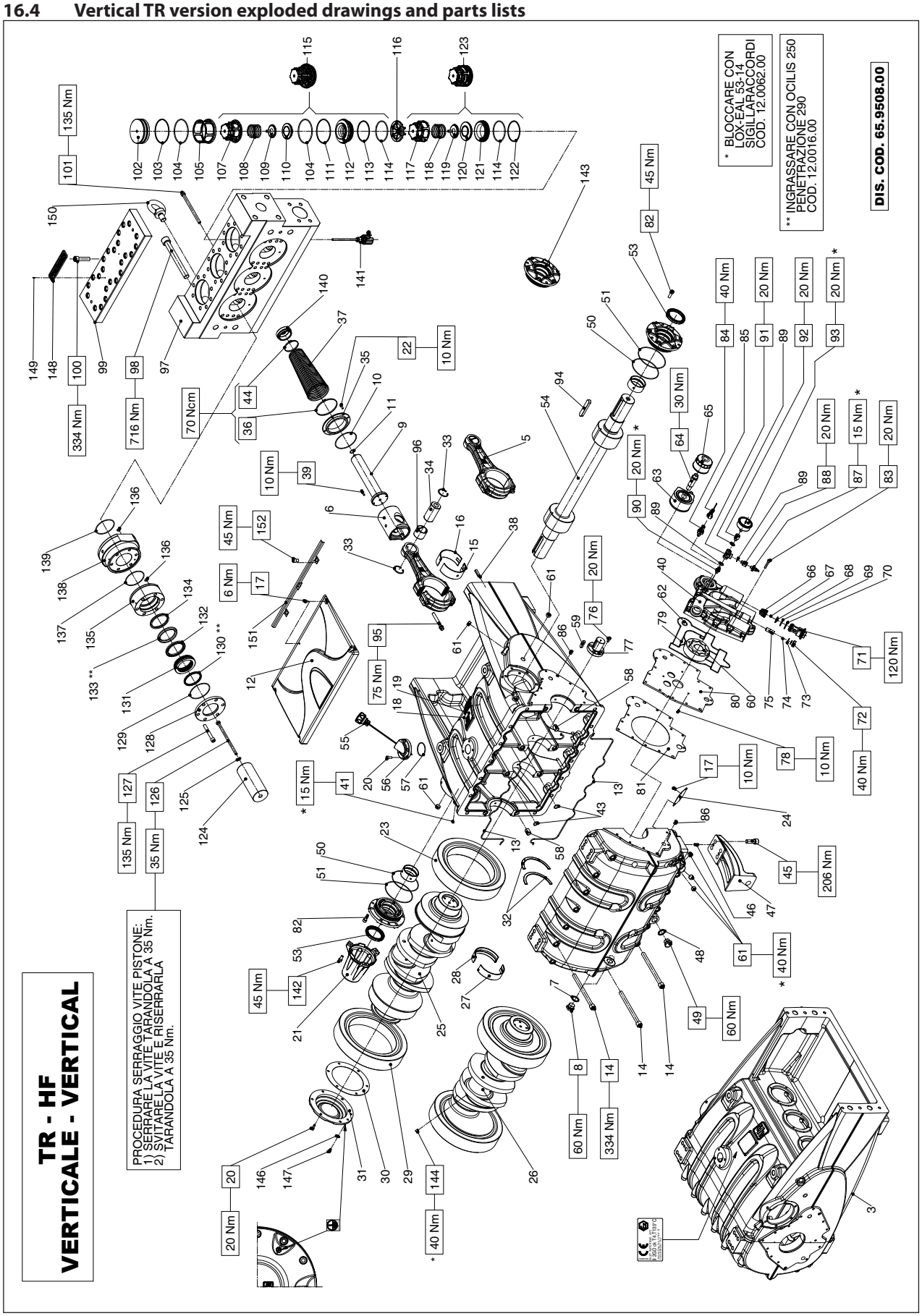
KIT RICAMBIO – SPARE KIT		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
93	**94.6070.00**	**MANOMETRO ATTACCO POSTERIORE 0-16 D. 63**		**1**
94	**91.5050.00**	**LINGUETTA 18.0x11.0x100.0 UNI 6604**		**1**
95	**99.4410.00**	**VITE SERRAGGIO BIELLA**		**6**
96	**90.9185.00**	**BOCCOLA PIEDE BIELLA**		**3**
97	**65.1205.56**	**TESTATA LP**		**1**
98	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
99	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
100	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
101	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
102	**65.2121.56**	**TAPPO VALVOLA**		**3**
103	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
104	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
105	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
107	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
108	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
109	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
110	**36.2126.01**	**VALVOLA SFERICA**		**3**
111	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
112	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
113	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
114	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
115	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
116	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
117	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
118	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
119	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
120	**36.2127.01**	**VALVOLA SFERICA**		**3**
121	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
122	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
123	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
124	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
125	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
126	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
127	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
128	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
129	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. TR60 TR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. TR75	A-C	
130	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
130	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	3
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
131	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
132	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
133	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
134	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
135	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
136	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
137	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55 TR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR65 TR70 TR75	A-C	
138	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
139	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
140	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
141	**99.3652.00**	**VITE M10x20 5931**		**3**
142	**65.7005.01**	**COPERCHIO PIGNONE PTO COMPLETO**		**2**
143	**99.4250.00**	**VITE M12x12 5923**		**2**
145	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
146	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
147	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
148	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
150	**93.1080.00**	**GOLFARE M24 UNI 2947**		**2**
151	**65.2184.76**	**SUPPORTO CAPERCHIO SUPERIORE CARTER**		**1**
152	**99.4254.00**	**VITE M12x16 5931**		**2**

16.4 Vertical TR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0206.55	ALBERO A GOMITI C. 130		1
26	65.0210.01	COMPLESSIVO ALBERO C. 130 R.2.900		1
	65.0211.01	COMPLESSIVO ALBERO C. 130 R.3.460		
	65.0212.01	COMPLESSIVO ALBERO C. 130 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	65.2107.66	FLANGIA PER SOFFIETTO		3
36	92.8110.00	FASCETTA D. 98-109		3
37	65.2110.47	SOFFIETTO	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	92.8100.00	FASCETTA D. 58-69		3
45	99.5142.00	VITE M16x45 UNI 5931		16
46	97.6230.00	SPINA D. 10.0x24.0 UNI 6364		8
47	65.2007.13	PIEDE VERTICALE		4
48	93.1980.00	ROSETTA DI TENUTA G 3/4"		1
49	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		
50	90.3926.50	OR D. 120.32x2.62 NBR 70SH 3475	C	2
51	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
53	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
54	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
55	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
56	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
57	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
58	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
59	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
60	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
61	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
62	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
63	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
64	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
65	92.8990.00	FILTRO OLIO M20x1.5		1
66	36.2009.51	GUIDA VALVOLA		4
67	94.7440.00	MOLLA Dm. 15.4x26.5		4
68	36.2010.76	VALVOLA SFERICA		4
69	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
70	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
71	79.2139.64	CARTUCCIA VALVOLA		4
72	98.2137.80	TAPPO M18x11		1
73	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
74	94.7390.00	MOLLA Dm. 10.8x37.9		1
75	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
76	99.3039.00	VITE M08x16 UNI 5931		4
77	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
78	99.1851.00	VITE M06x16 UNI 5933		3
79	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
80	79.2128.74	PIASTRA POMPA OLIO		1
81	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
82	99.3686.00	VITE M10x30 UNI 5931		12
83	99.3116.00	VITE M08x40 UNI 5931		15
84	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
85	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
88	94.5131.00	RACCORDO M-F G 1/4" - M 10x1		1
89	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
90	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
91	96.3100.00	RACCORDO A T F-F-F G 1/4"		1

KIT RICAMBIO – SPARE KIT

		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
92	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
93	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
94	91.5050.00	LINGUETTA 18.0x11.0x100.0 UNI 6604		1
95	99.4410.00	VITE SERRAGGIO BIELLA		6
96	90.9185.00	BOCCOLA PIEDE BIELLA		3
97	65.1205.56	TESTATA LP		1
98	99.5355.00	VITE M24x2x220 UNI 5931		4
99	65.2120.56	COPERCHIO VALVOLE		1
100	99.5149.00	VITE M16x65 UNI 5931		24
101	99.4495.00	VITE M12x180 UNI 5931		24
102	65.2121.56	TAPPO VALVOLA		3
103	90.5345.00	ANELLO ANTIEST. D. 105.4x111.2x1.5	B-C	3
104	90.4146.00	OR D. 104.37x3.53 NBR 70SH 4412	B-C	6
105	65.2203.05	DISTANZIALE VALVOLA MANDATA	B	3
107	36.2151.05	GUIDA VALVOLA MANDATA		3
108	94.7745.00	MOLLA Dm. 56.0x57.3		3
109	36.2129.51	GUIDA INTERNA VALVOLA		3
110	36.2126.01	VALVOLA SFERICA		3
111	90.5340.00	ANELLO ANTIEST. D. 105.2x111.0x1.5	B-C	3
112	36.2121.56	SEDE VALVOLA DI MANDATA		3
113	90.5315.00	ANELLO ANTIEST. D. 89.4x95.2x1.5	C	3
114	90.4144.00	OR D. 88.50x3.53 NBR 70SH 4350	C	6
115	36.7253.01	GRUPPO VALVOLA DI MANDATA	B	3
116	65.2122.51	DISTANZIALE GUIDA VALVOLA	B	3
117	36.2130.05	GUIDA VALVOLA D'ASPIRAZIONE		3
118	94.7755.00	MOLLA Dm. 58.5x103.1		3
119	36.2128.51	GUIDA INTERNA VALVOLA		3
120	36.2127.01	VALVOLA SFERICA		3
121	36.2120.56	SEDE VALVOLA D'ASPIRAZIONE		3
122	90.5310.00	ANELLO ANTIEST. D. 89.2x95.0x1.5	C	3
123	36.7226.01	GRUPPO VALVOLA D'ASPIRAZIONE	B	3
124	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
125	96.7105.00	ROSETTA D. 10.0x18.0x0.9		3
126	99.3865.00	VITE M10x200 UNI 5737		3
127	99.4418.00	VITE M12x90 UNI 5931		18
128	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
129	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. TR60 TR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. TR75	A-C	
130	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
130	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	3
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
131	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
132	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
133	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
134	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
135	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
136	90.3830.00	OR D. 13.10x2.62 NBR 70SH 117	A-C	6
137	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55 TR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR65 TR70 TR75	A-C	
138	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
139	90.3917.50	OR D. 88.57x2.62 SINTEK-H TPU 3350	A-C	3
140	65.2106.66	PARASPRUZZI PER SOFFIETTO		3
141	10.7449.01	DISPOSITIVO APERTURA VALVOLE		1
142	99.3652.00	VITE M10x20 5931		3
143	65.7005.01	COPERCHIO PIGNONE PTO COMPLETO		2
144	99.4250.00	VITE M12x12 5923		2
146	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
147	99.3019.00	VITE M08x10 5931 - ATEX		1
148	97.8276.00	MARCHIO PRATISSOLI		1
149	91.5703.00	RIVETTO AUTOFILETTANTE D. 2.5x8.0		2
150	93.1080.00	GOLFARE M24 UNI 2947		2
151	65.2184.76	SUPPORTO CAPERCHIO SUPERIORE CARTER		1
152	99.4254.00	VITE M12x16 5931		2

17 SPECIAL VERSIONS

17.1 Direct PTO version on crankshaft

For all directions of use and technical performance refer to the standard version with PTO on the pinion.

17.1.1 Minimum operating speed

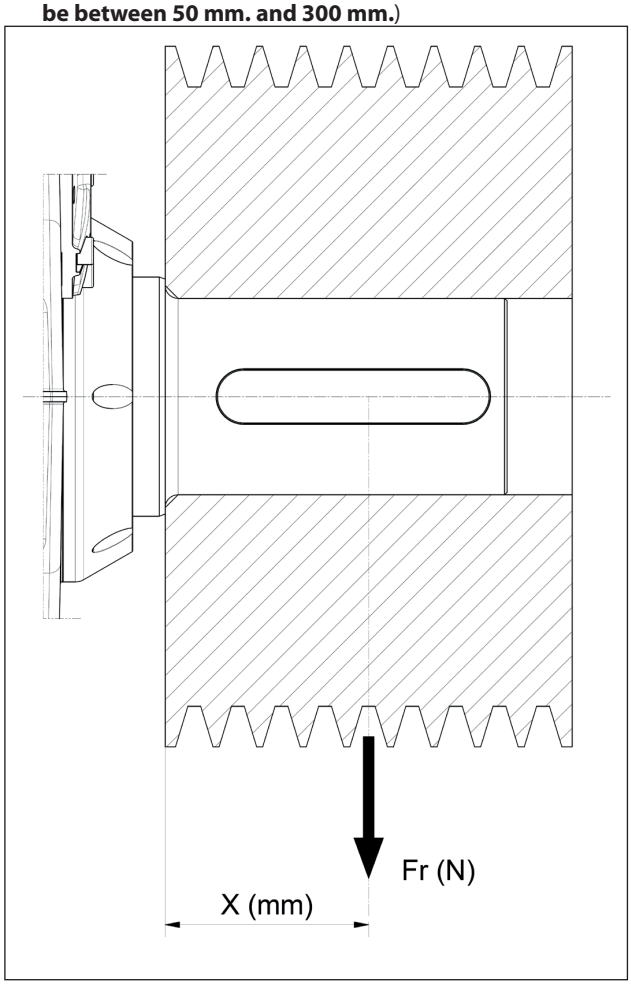
The minimum speed allowed for these types of pumps is **250 rpm at the crankshaft**; any speed other than the value shown in the performance table (see chapter 5) must be expressly and formally authorized by our ***Technical*** or ***Customer Service Departments***.

17.1.2 Belt transmission

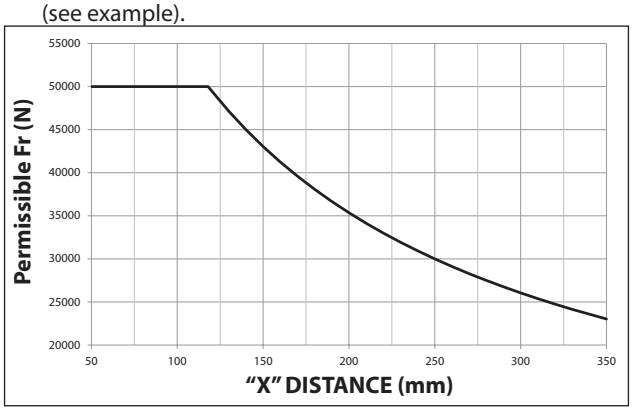
SR-TR series pumps in crankshaft PTO versions can be controlled by a belt system.

For proper sizing, it is recommended to proceed as follows:

1) Define the transmission according to the belts and pulleys manufacturer's instructions. (In any case the pulley must **not** have a primitive diameter below Øp 450 mm.)
2) From the previous calculations it is possible to obtain the distance **"X" (mm.)** and the value of the radial load **"Fr" (N)** acting on the PTO (see diagram). (**In any case "X" must be between 50 mm. and 300 mm.**)



3) Obtain the permissible radial load **"Fr amm"** from the diagram below by entering the distance **"X"** (see example).



EXAMPLE: position Fr X=160 mm. The maximum permissible Fr load equal to 41000N is obtained

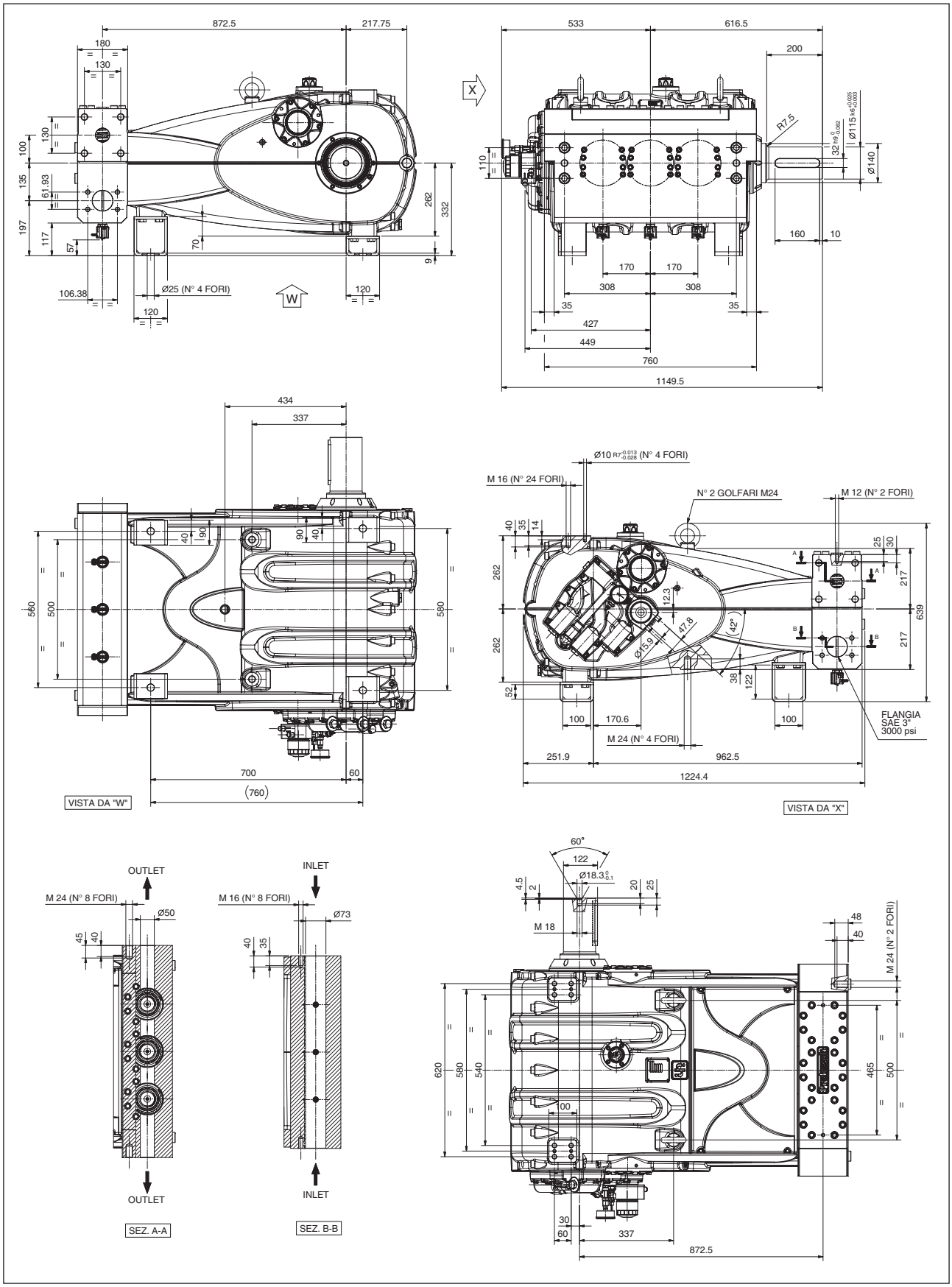
4) Check that **Fr ≤ Fra mm**.

In this case the transmission is applicable to the pump.

However, for a proper belt transmission layout sizing, consult our ***Technical*** or ***Customer Service Departments***.

17.1.3 Dimensions and weights of SR PTO DIR pumps

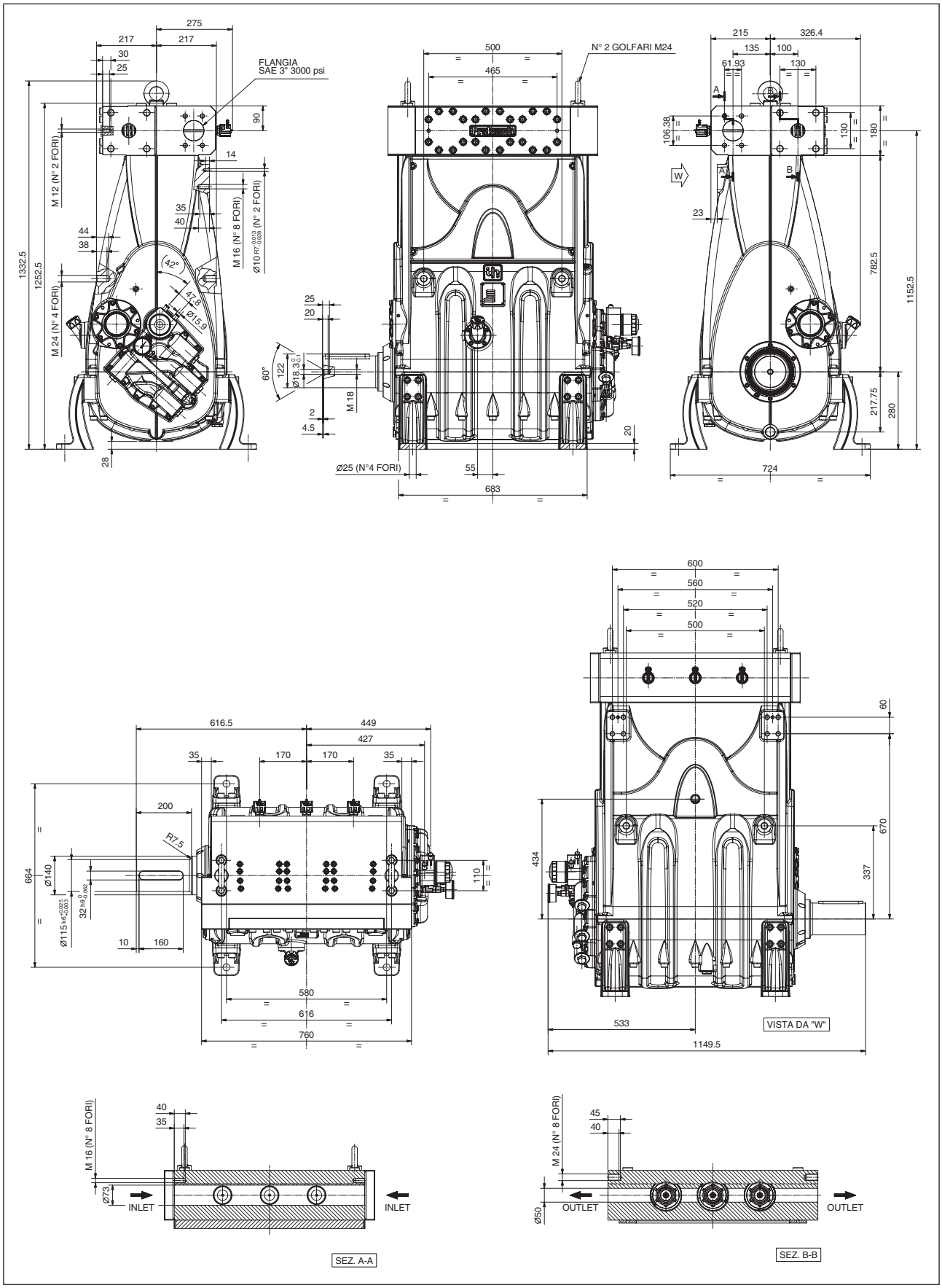
For dimensions and weights of Series SR horizontal pumps, refer to Fig. 13.



Dry weight 1105 kg.

Fig. 13

For dimensions and weights of Series SR vertical pumps, refer to Fig. 13/a.

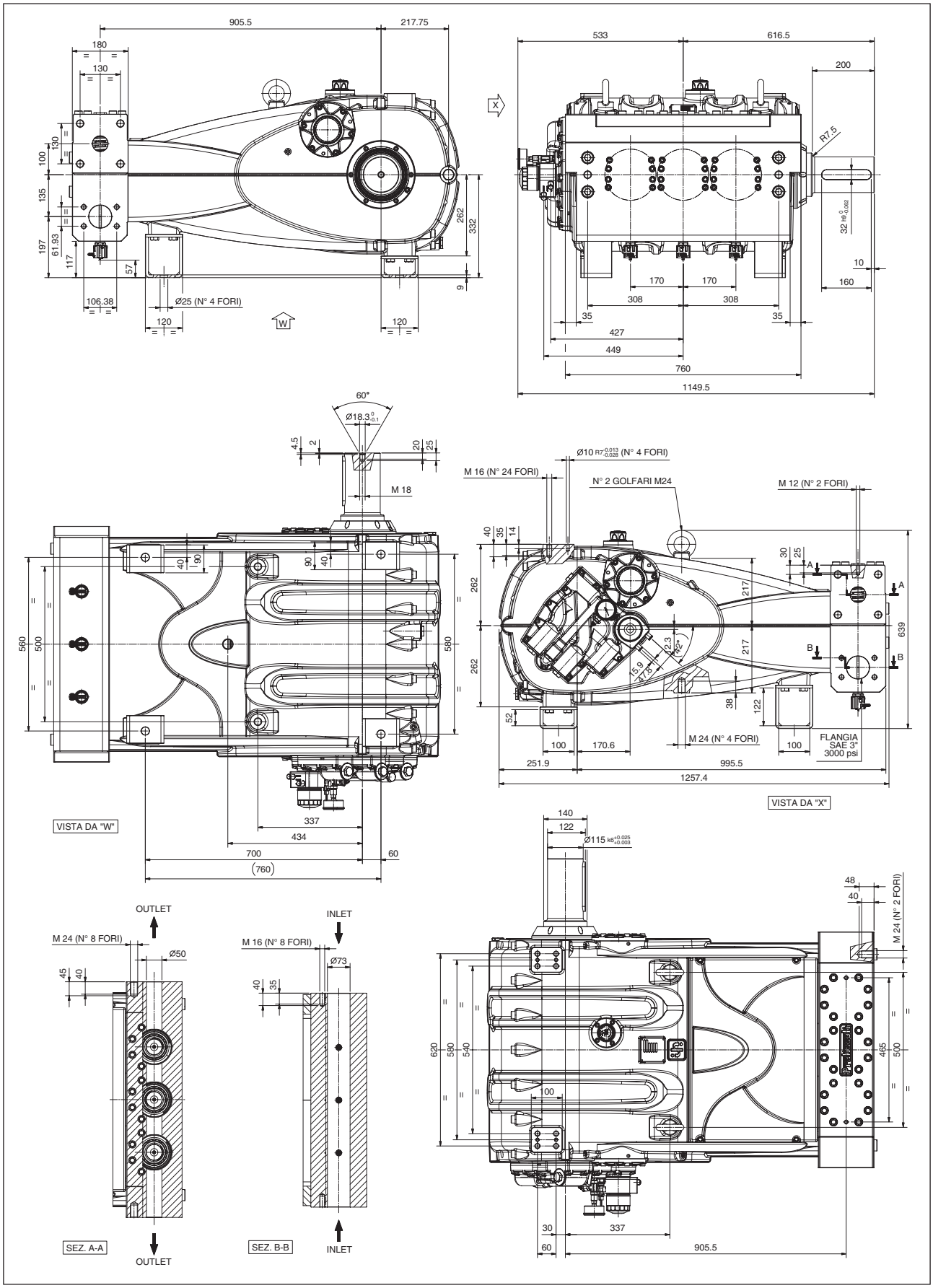


Dry weight 1115 kg.

Fig. 13/a

17.1.4 Dimensions and weights of TR PTO DIR pumps

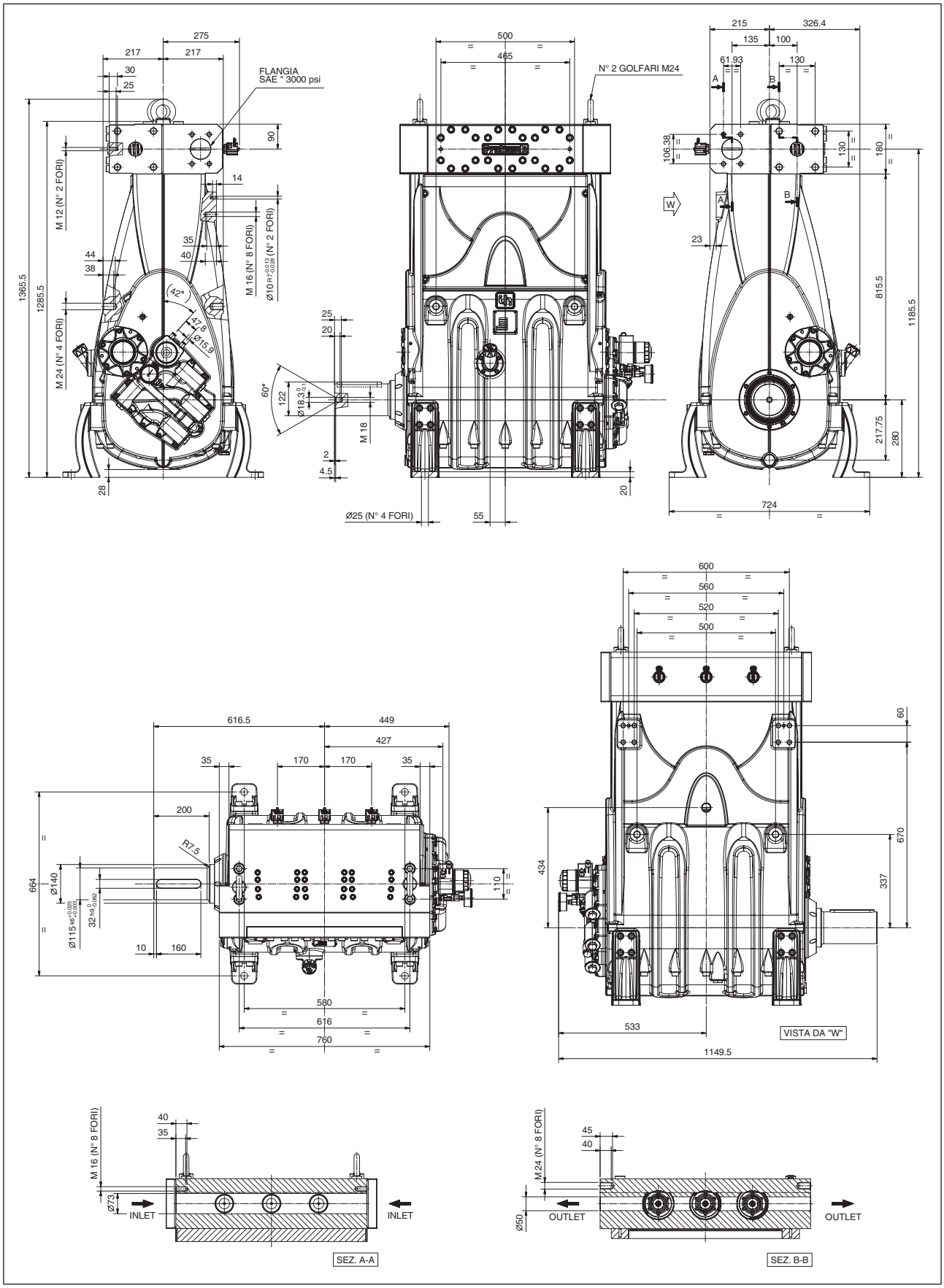
For dimensions and weights of Series TR horizontal pumps, refer to Fig. 14.



Dry weight 1140 kg.

Fig. 14

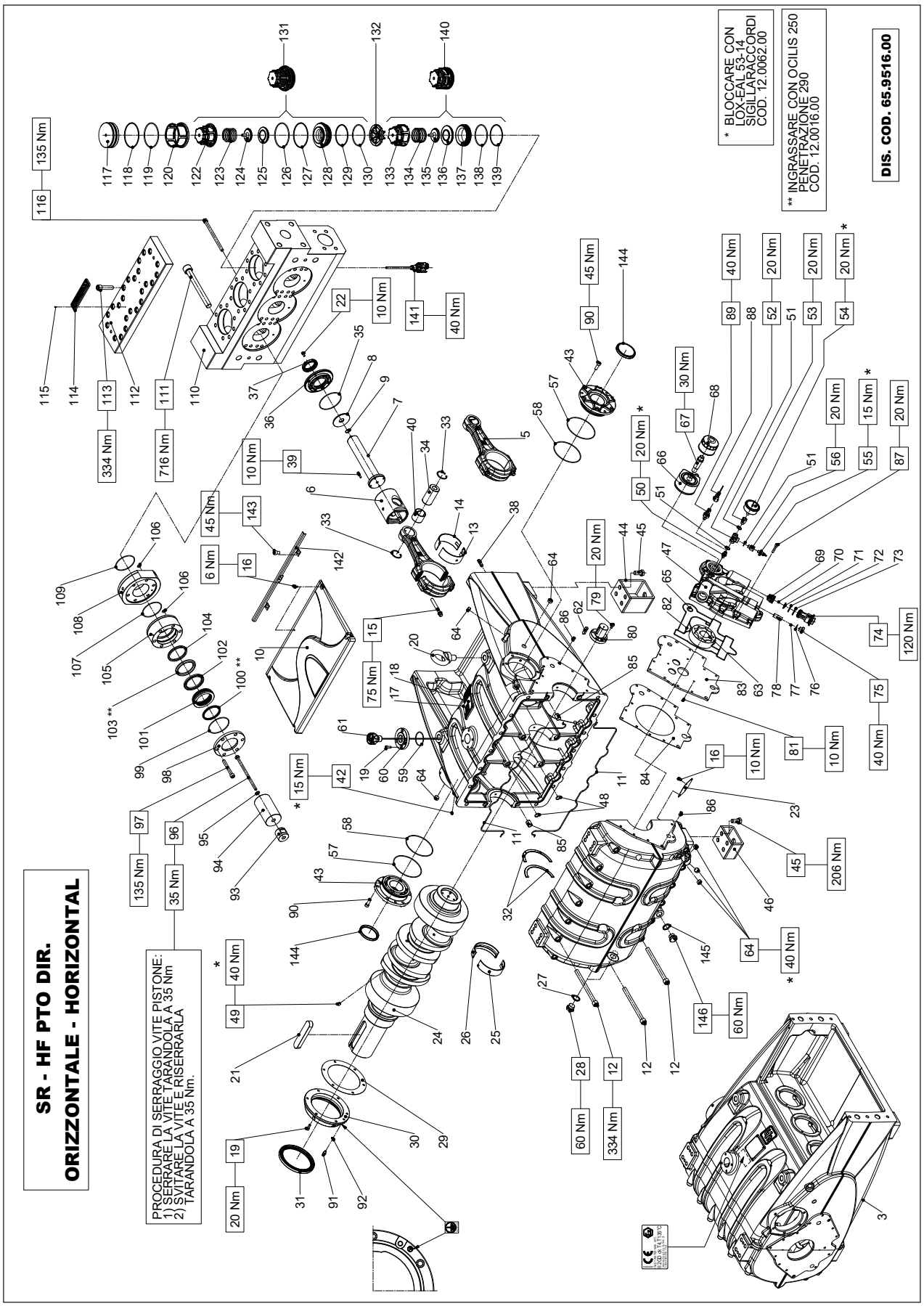
For dimensions and weights of Series TR vertical pumps, refer to Fig. 14/a.



Dry weight 1150 kg.

Fig. 14/a

17.1.5 Horizontal SR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
8	65.2105.66	PARASPRUZZI		3
9	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
10	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI 6604		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0213.55	ALBERO A GOMITI C. 90 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. D. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
46	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
51	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
60	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
61	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1,5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M06x16 UNI 5933		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	99.3019.00	VITE M08x10 5931 - ATEX		1
92	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
93	65.2119.66	DISTANZIALE PISTONE		3

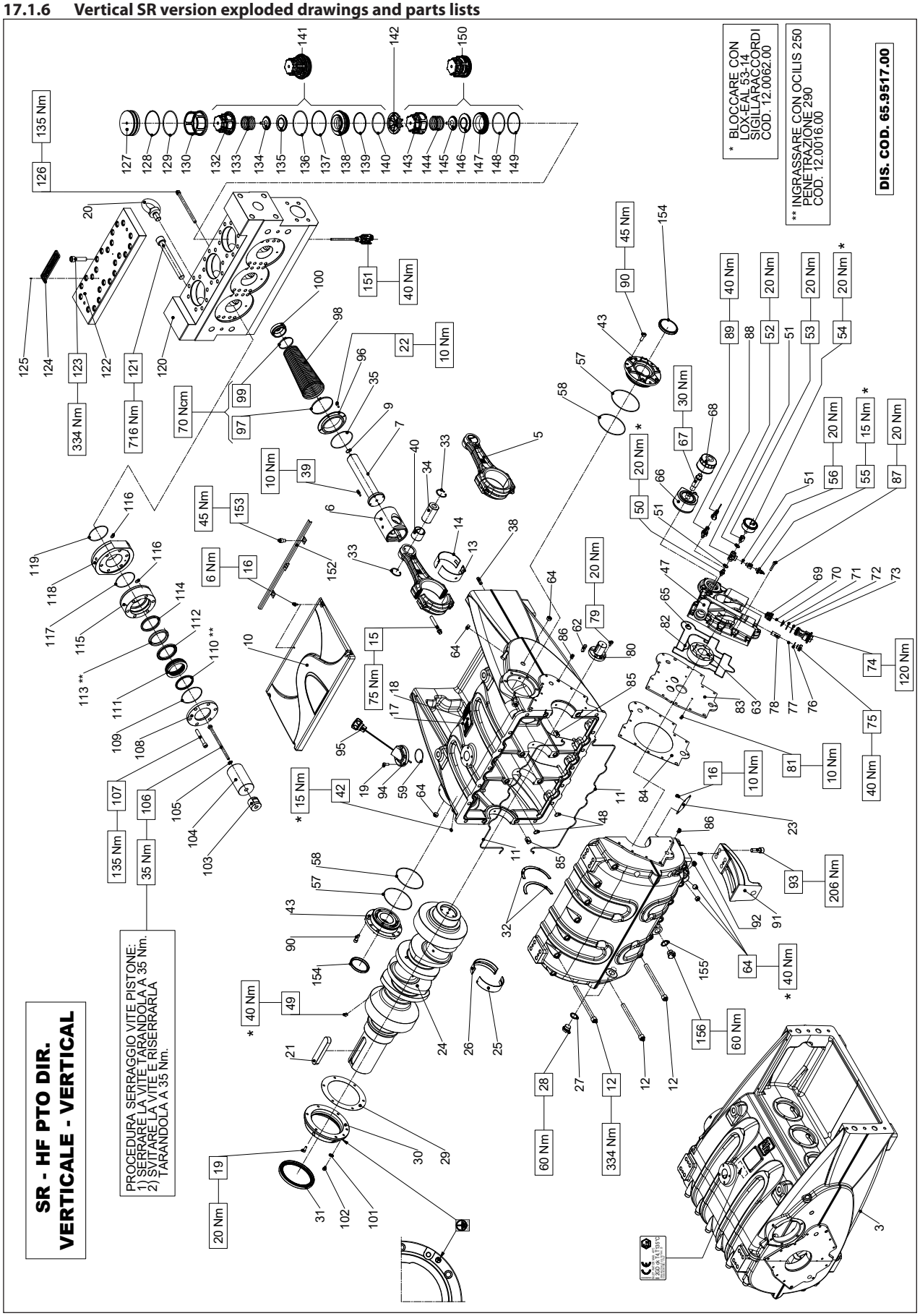
KIT RICAMBIO – SPARE KIT

		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
94	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 50x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
95	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
96	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
97	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
98	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
99	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. SR50 SR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. SR60 SR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. SR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. SR75	A-C	
100	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
101	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
102	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
103	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
104	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
105	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
106	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
107	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. SR50 SR55 SR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. SR65 SR70 SR75	A-C	
108	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.36	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
109	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
110	**65.1205.56**	**TESTATA LP**		**1**
111	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
112	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
113	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
114	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
115	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
116	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
117	**65.2121.56**	**TAPPO VALVOLA**		**3**
118	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
119	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
120	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
122	**36.2151.05**	**GUIDA VALVOLA DI MANDATA**		**3**
123	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
124	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
125	**36.2126.01**	**VALVOLA SFERICA**		**3**
126	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
127	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
128	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
129	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
130	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
131	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
132	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
133	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
134	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
135	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
136	**36.2127.01**	**VALVOLA SFERICA**		**3**
137	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
138	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
139	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
140	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
141	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
142	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
143	**99.4254.00**	**VITE M12x16 5931**		**2**
144	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
145	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
146	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.1.6 Vertical SR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
9	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
10	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI 6604		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0213.55	ALBERO A GOMITI C. 90 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. D. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
51	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
52	96.3100.00	RACCORDO T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1,5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M06x16 UNI 5933		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	65.2007.13	PIEDE POMPA VERTICALE		4
92	97.6230.00	SPINA D. 10x24 UNI 6364		8
93	99.5142.00	VITE M16x45 UNI 5931		16
94	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
95	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
96	65.2107.66	FLANGIA PER SOFFIETTO		3
97	92.8110.00	FASCETTA 98-109		3
98	65.2110.47	SOFFIETTO		3
99	92.8100.00	FASCETTA 58-69		3
100	65.2106.66	PARASPRUZZI PER SOFFIETTO		3
101	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1

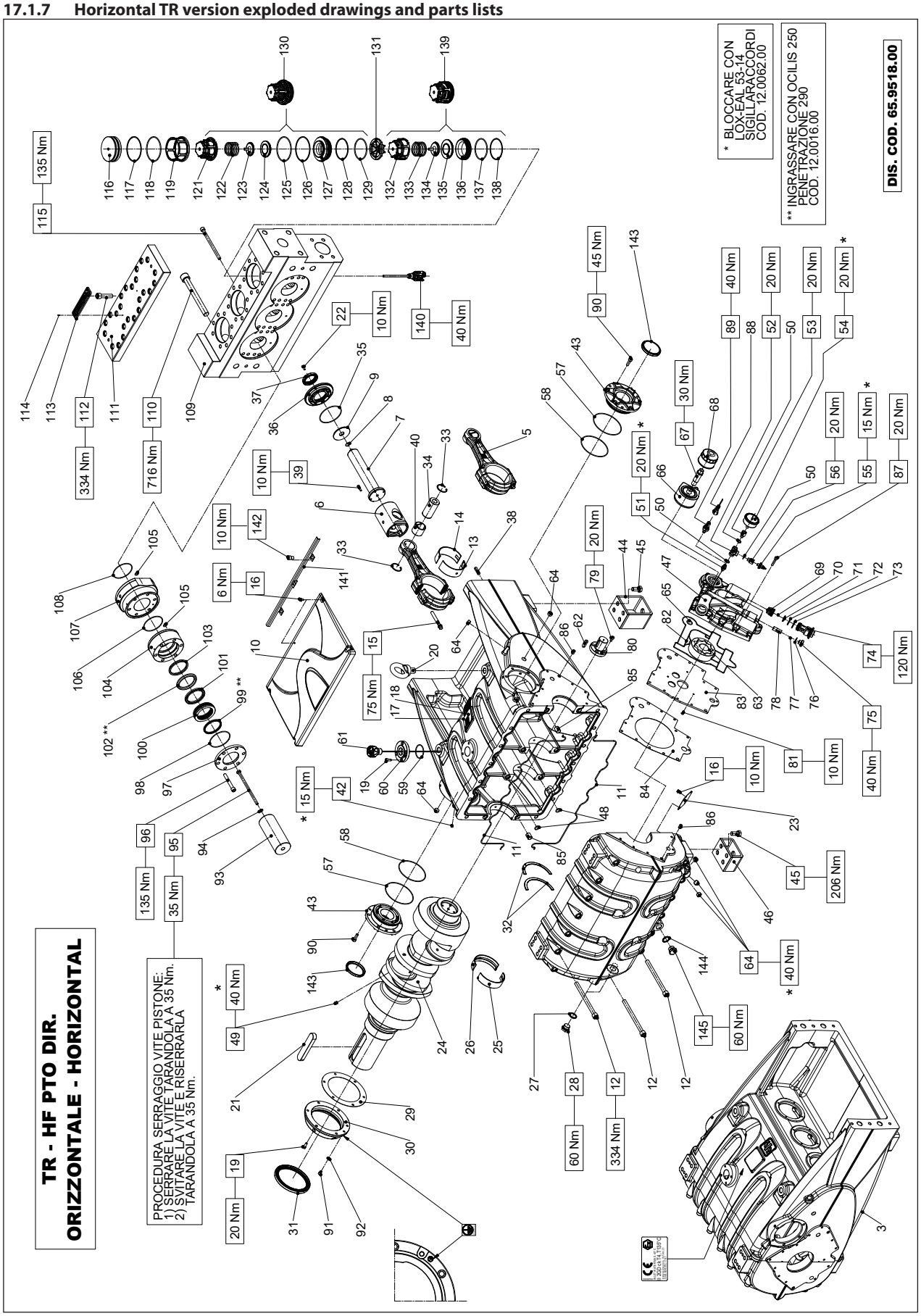
KIT RICAMBIO – SPARE KIT		SR50 (D.50)	SR55 (D.55)	SR60 (D.60)	SR65 (D.65)	SR70 (D.70)	SR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SR50 - SR55 - SR60
SR65 - SR70 - SR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
102	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
103	**65.2119.66**	**DISTANZIALE PISTONE**		**3**
104	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
105	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
106	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
107	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
108	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
109	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. SR50 SR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. SR60 SR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. SR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. SR75	A-C	
110	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
111	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
112	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
113	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
114	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
115	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
116	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
117	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. SR50 SR55 SR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. SR65 SR70 SR75	A-C	
118	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.36	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
119	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
120	**65.1205.56**	**TESTATA LP**		**1**
121	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
122	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
123	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
124	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
125	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
126	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
127	**65.2121.56**	**TAPPO VALVOLA**		**3**
128	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
129	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
130	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
132	**36.2151.05**	**GUIDA VALVOLA DI MANDATA**		**3**
133	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
134	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
135	**36.2126.01**	**VALVOLA SFERICA**		**3**
136	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
137	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
138	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
139	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
140	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
141	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
142	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
143	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
144	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
145	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
146	**36.2127.01**	**VALVOLA SFERICA**		**3**
147	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
148	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
149	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
150	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
151	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
152	**99.4254.00**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
153	**65.2184.76**	**VITE M12x16 5931**		**2**
154	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
155	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
156	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.1.7 Horizontal TR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
8	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
9	65.2105.66	PARASPRUZZI		3
10	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI 6604		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0214.55	ALBERO A GOMITI C. 130 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. D. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
46	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
51	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATT. POST. 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
60	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
61	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1.5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M06x16 UNI 5933		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	99.3019.00	VITE M08x10 5931 - ATEX		1

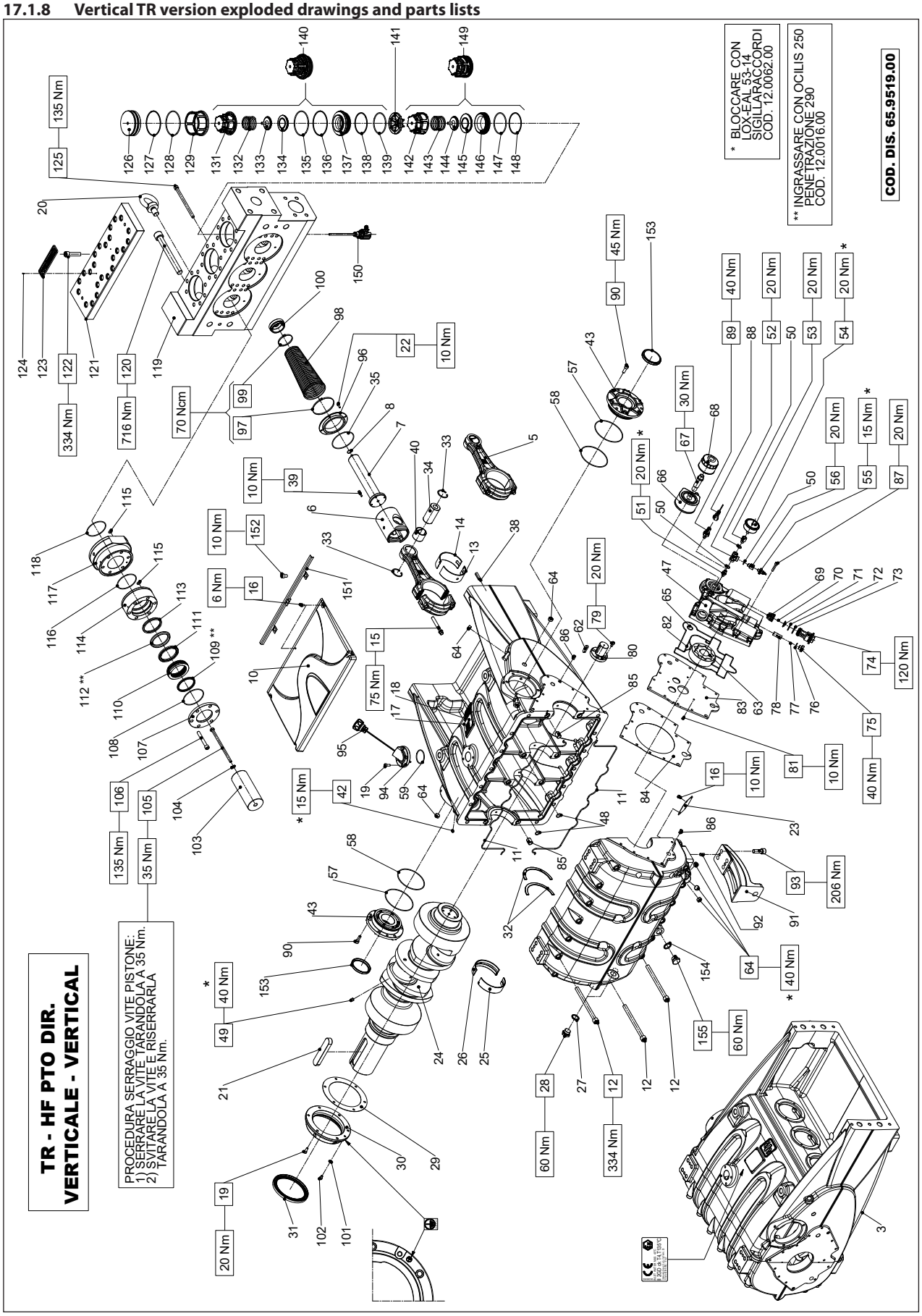
KIT RICAMBIO – SPARE KIT

		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
92	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
93	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
94	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
95	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
96	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
97	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
98	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. TR60 TR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. TR75	A-C	
99	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
100	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
101	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
102	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
103	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
104	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
105	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
106	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55 TR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR65 TR70 TR75	A-C	
107	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
108	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
109	**65.1205.56**	**TESTATA LP**		**1**
110	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
111	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
112	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
113	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
114	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
115	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
116	**65.2121.56**	**TAPPO VALVOLA**		**3**
117	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
118	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
119	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
121	**36.2151.05**	**GUIDA VALVOLA DI MANDATA**		**3**
122	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
123	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
124	**36.2126.01**	**VALVOLA SFERICA**		**3**
125	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
126	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
127	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
128	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
129	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
130	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
131	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
132	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
133	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
134	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
135	**36.2127.01**	**VALVOLA SFERICA**		**3**
136	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
137	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
138	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
139	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
140	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
141	**99.4254.00**	**VITE M12x16 5931**		**2**
142	**65.2184.76**	**SUPPORTO CAPERCHIO SUPERIORE CARTER**		**1**
143	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
144	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
145	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.1.8 Vertical TR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
8	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
10	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI 6604		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0214.55	ALBERO A GOMITI C. 130 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. D. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
51	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 120.32x2.62 NBR 70SH 3475	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1.5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M06x16 UNI 5933		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	65.2007.13	PIEDE VERTICALE		4
92	97.6230.00	SPINA D. 10.0x24.0 UNI 6364		8
93	99.5142.00	VITE M16x45 UNI 5931		16
94	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
95	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
96	65.2107.66	FLANGIA PER SOFFIETTO		3
97	92.8110.00	FASCETTA D. 98-109		3
98	65.2110.47	SOFFIETTO	C	3
99	92.8100.00	FASCETTA D. 58-69		3
100	65.2106.66	PARASPRUZZI PER SOFFIETTO		3
101	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1

KIT RICAMBIO – SPARE KIT		TR50 (D.50)	TR55 (D.55)	TR60 (D.60)	TR65 (D.65)	TR70 (D.70)	TR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2261	KIT 2322	KIT 2268	KIT 2262	KIT 2269	KIT 2263
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2337	KIT 2338	KIT 2339	KIT 2340	KIT 2341	KIT 2342
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TR50 - TR55 - TR60
TR65 - TR70 - TR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
102	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
103	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
104	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
105	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
106	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
107	65.2128.56	ANELLO SUPPORTO GUARNIZIONI D. 50		3
	65.2183.56	ANELLO SUPPORTO GUARNIZIONI D. 55		
	65.2130.56	ANELLO SUPPORTO GUARNIZIONI D. 60		
	65.2132.56	ANELLO SUPPORTO GUARNIZIONI D. 65		
	65.2134.56	ANELLO SUPPORTO GUARNIZIONI D. 70		
	65.2136.56	ANELLO SUPPORTO GUARNIZIONI D. 75		
108	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55	A-C	3
	90.3916.00	OR D. 82.22x2.62 NBR 70SH 3325 - D. TR60 TR65	A-C	
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR70	A-C	
	90.3918.00	OR D. 94.92x2.62 NBR 70SH 3375 - D. TR75	A-C	
109	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5.5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.5 LP	A-C	
110	65.2204.66	SUPPORTO GUARNIZIONI D. 50		3
	65.2205.66	SUPPORTO GUARNIZIONI D. 55		
	65.2206.66	SUPPORTO GUARNIZIONI D. 60		
	65.2208.66	SUPPORTO GUARNIZIONI D. 65		
	65.2209.66	SUPPORTO GUARNIZIONI D. 70		
	65.2210.66	SUPPORTO GUARNIZIONI D. 75		
111	90.2865.00	ANELLO RESTOP D. 50.0x58.0x8.0/4.5	A-C	3
	90.2875.00	ANELLO RESTOP D. 55.0x70.0x8.0/4.5	A-C	
	90.2885.00	ANELLO RESTOP D. 60.0x76.0x8.0/4.5	A-C	
	90.2895.00	ANELLO RESTOP D. 65.0x80.0x8.0/4.5	A-C	
	90.2902.00	ANELLO RESTOP D. 70.0x85.0x8.0/4.5	A-C	
	90.2912.00	ANELLO RESTOP D. 75.0x95.0x9.5/4.5	A-C	
112	90.2863.00	ANELLO TEN. ALT. D. 50.0x65.0x7.5/4.5 HP	A-C	3
	90.2873.00	ANELLO TEN. ALT. D. 55.0x70.0x7.5/4.5 HP	A-C	
	90.2883.00	ANELLO TEN. ALT. D. 60.0x76.0x8.0/4.8 HP	A-C	
	90.2893.00	ANELLO TEN. ALT. D. 65.0x80.0x7.5/4.5 HP	A-C	
	90.2904.00	ANELLO TEN. ALT. D. 70.0x85.0x7.5/4.5 HP	A-C	
	90.2914.00	ANELLO TEN. ALT. D. 75.0x95.0x10.0/6.0 HP	A-C	
113	73.1002.91	ANELLO DI TESTA D. 50		3
	73.1003.91	ANELLO DI TESTA D. 55		
	78.1004.91	ANELLO DI TESTA D. 60		
	65.1007.91	ANELLO DI TESTA D. 65		
	65.1008.91	ANELLO DI TESTA D. 70		
	65.1009.91	ANELLO DI TESTA D. 75		
114	65.0605.56	CAMICIA PISTONE D. 50		3
	65.0616.56	CAMICIA PISTONE D. 55		
	65.0606.56	CAMICIA PISTONE D. 60		
	65.0607.56	CAMICIA PISTONE D. 65		
	65.0608.56	CAMICIA PISTONE D. 70		
	65.0609.56	CAMICIA PISTONE D. 75		
115	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
116	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - D. TR50 TR55 TR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - D. TR65 TR70 TR75	A-C	
117	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
118	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
119	**65.1205.56**	**TESTATA LP**		**1**
120	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
121	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
122	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
123	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
124	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
125	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
126	**65.2121.56**	**TAPPO VALVOLA**		**3**
127	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
128	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
129	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
131	**36.2151.05**	**GUIDA VALVOLA DI MANDATA**		**3**
132	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
133	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
134	**36.2126.01**	**VALVOLA SFERICA - COMPLETA**		**3**
135	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**3**
136	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
137	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
138	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
139	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**3**
140	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
141	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
142	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
143	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
144	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
145	**36.2127.01**	**VALVOLA SFERICA - COMPLETA**		**3**
146	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
147	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**B-C**	**3**
148	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**B-C**	**3**
149	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
150	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
151	**65.2184.76**	**SUPPORTO CAPERCHIO SUPERIORE CARTER**		**1**
152	**99.4254.00**	**VITE M12x16 5931**		**2**
153	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
154	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
155	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2 SRR-TRR version pump

17.2.1 Operating instructions

SRR - TRR pumps, when not ordered with the ATEX configuration, are designed to operate in environments with atmospheres that are **not** potentially explosive and with filtered water (see point 9.6).
Other liquids can be used only upon formal approval by our ***Technical*** or ***Customer Service Departments***.

17.2.2 Water temperature

Although the maximum permissible water temperature is 40 °C, the pump can be used with water at up to 60 °C, but only for short periods. In this case we recommend consulting our ***Technical*** or ***Customer Service Departments***.

ATEX version: The maximum permissible water temperature is **40 °C**.

17.2.3 Maximum pressure and flow rate

The rated specifications stated in our catalog are the maximum that can be obtained by the pump. **Independently** of the power used, the maximum pressure and rpm indicated on the specification label can never be exceeded unless prior formal authorization is given by our ***Technical*** or ***Customer Service Departments***.

17.2.4 Minimum operating speed

The minimum speed allowed for these types of pumps is **250 rpm at the crankshaft**; any speed other than the value shown in the performance table (see chapter 5) must be expressly and formally authorized by our ***Technical*** or ***Customer Service Departments***.

17.2.5 Technical characteristics

SRR PUMP TECHNICAL CHARACTERISTICS (@ 520 RPM)

Model	RPM	Flow rate		Pressure		Power	
		l/min	Gpm	bar	Psi	kW	HP
SRR 50	1500	276	73	400	5800	211	287
	1800						
	2200						
SRR 55	1500	333	87.9	350	5075	222.8	303
	1800						
	2200						
SRR 60	1500	397	104.8	300	4350	227.2	309
	1800						
	2200						
SRR 65	1500	466	123	250	3625	222.5	302.5
	1800						
	2200						
SRR 70	1500	540	142.6	220	3190	226.8	308.5
	1800						
	2200						
SRR 75	1500	620	164	200	2900	236.8	322
	1800						
	2200						

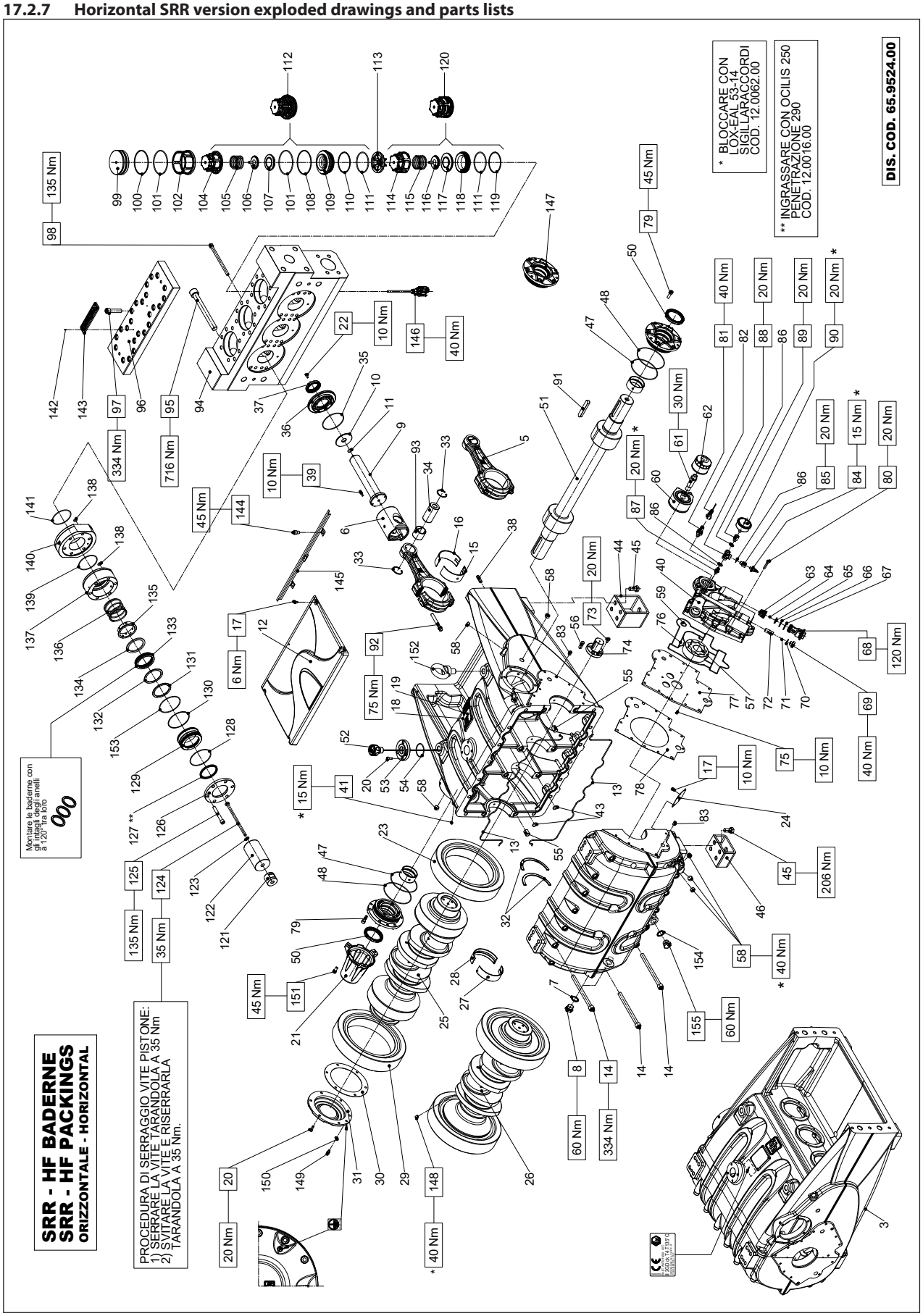
TRR PUMP TECHNICAL CHARACTERISTICS (@ 520 RPM)

Model	RPM	Flow rate		Pressure		Power	
		l/min	Gpm	bar	Psi	kW	HP
TRR 50	1500	398	105	400	5800	304	413.5
	1800						
	2200						
TRR 55	1500	482	127.3	350	5075	322	438
	1800						
	2200						
TRR 60	1500	573	151.4	300	4350	328.3	446.5
	1800						
	2200						
TRR 65	1500	673	177.8	250	3625	321.3	437
	1800						
	2200						
TRR 70	1500	780.5	206	220	3190	328	446
	1800						
	2200						
TRR 75	1500	896	236.7	200	2900	342	465
	1800						
	2200						

17.2.6 Dimensions and weight

The dimensions of versions SRR; TRR; SRR-TRR PTO DIR are the same of the standard versions.
See chapters 6, 17.1.3, 17.1.4)

17.2.7 Horizontal SRR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT2347	KIT2348	KIT2349	KIT2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	65.2105.66	PARASPRUZZI		3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0205.55	ALBERO A GOMITI C. 90		1
26	65.0207.01	COMPLESSIVO ALBERO C. 90 R.2.900		1
	65.0208.01	COMPLESSIVO ALBERO C. 90 R.3.460		
	65.0209.01	COMPLESSIVO ALBERO C. 90 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
46	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
47	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
48	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
50	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
51	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
52	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
53	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
54	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
55	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
56	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
57	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
58	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
59	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
60	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
61	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
62	92.8990.00	FILTRO OLIO M20x1.5		1
63	36.2009.51	GUIDA VALVOLA		4
64	94.7440.00	MOLLA Dm. 15.4x26.5		4
65	36.2010.76	VALVOLA SFERICA		4
66	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
67	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
68	79.2139.64	CARTUCCIA VALVOLA		4
69	98.2137.80	TAPPO M18x11		1
70	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
71	94.7390.00	MOLLA Dm. 10.8x37.9		1
72	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
73	99.3039.00	VITE M08x16 UNI 5931		4
74	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
75	99.1851.00	VITE M06x16 UNI 5933		3
76	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
77	79.2128.74	PIASTRA POMPA OLIO		1
78	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
79	99.3686.00	VITE M10x30 UNI 5931		12
80	99.3116.00	VITE M08x40 UNI 5931		15
81	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
82	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
83	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
84	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
85	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
86	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
87	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
88	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
89	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
90	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
91	91.5050.00	LINGUETTA 18.0x11.0x100.0 UNI 6604		1
92	99.4410.00	VITE SERRAGGIO BIELLA		6
93	90.9185.00	BOCCOLA PIEDE BIELLA		3
94	65.1205.56	TESTATA LP		1
95	99.5355.00	VITE M24x2x220 UNI 5931		4
96	65.2120.56	COPERCHIO VALVOLE		1
97	99.5149.00	VITE M16x65 UNI 5931		24
98	99.4495.00	VITE M12x180 UNI 5931		24
99	65.2121.56	TAPPO VALVOLA		3
100	90.5345.00	ANELLO ANTIEST. D. 105.4x111.2x1.5	B-C	3
101	90.4146.00	OR D. 104.37x3.53 NBR 70SH 4412	B-C	6
102	65.2203.05	DISTANZIALE VALVOLA MANDATA	B	3

KIT RICAMBIO – SPARE KIT

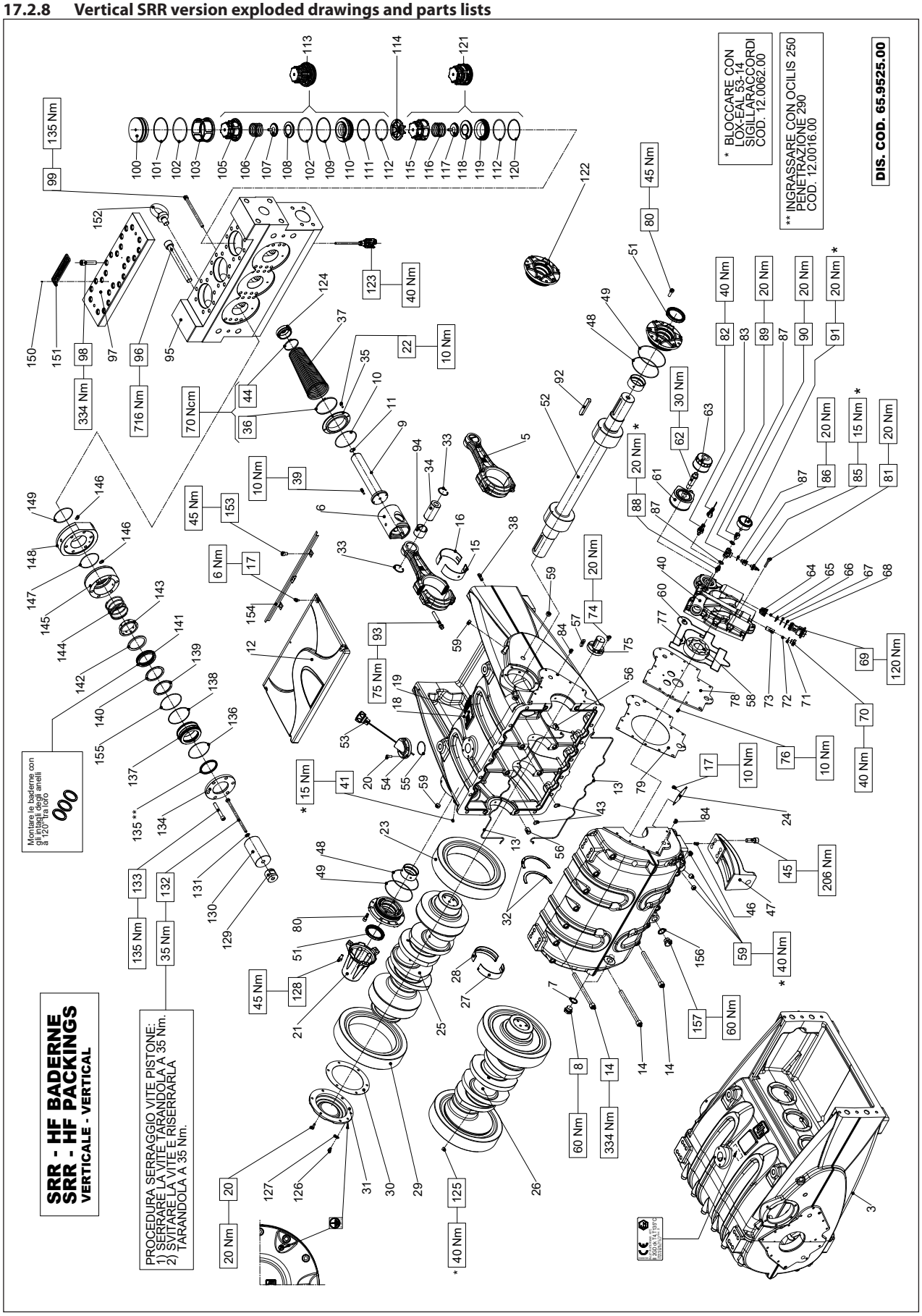
		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
104	36.2151.05	GUIDA VALVOLA MANDATA		3
105	94.7745.00	MOLLA Dm. 56.0x57.3		3
106	36.2129.51	GUIDA INTERNA VALVOLA		3
107	36.2126.01	VALVOLA SFERICA		3
108	90.5340.00	ANELLO ANTIEST. D. 105.2x111.0x1.5	B-C	3
109	36.2121.56	SEDE VALVOLA DI MANDATA		3
110	90.5315.00	ANELLO ANTIEST. D. 89.4x95.2x1.5	C	3
111	90.4144.00	OR D. 88.50x3.53 NBR 70SH 4350	C	6
112	36.7253.01	GRUPPO VALVOLA DI MANDATA	B	3
113	65.2122.51	DISTANZIALE GUIDA VALVOLA	B	3
114	36.2130.05	GUIDA VALVOLA D'ASPIRAZIONE		3
115	94.7755.00	MOLLA Dm. 58.5x103.1		3
116	36.2128.51	GUIDA INTERNA VALVOLA		3
117	36.2127.01	VALVOLA SFERICA		3
118	36.2120.56	SEDE VALVOLA D'ASPIRAZIONE		3
119	90.5310.00	ANELLO ANTIEST. D. 89.2x95.0x1.5	C	3
120	36.7226.01	GRUPPO VALVOLA D'ASPIRAZIONE	B	3
121	65.2119.66	DISTANZIALE PISTONE		3
122	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
123	96.7105.00	ROSETTA D. 10.0x18.0x0.9		3
124	99.3865.00	VITE M10x200 UNI 5737		3
125	99.4418.00	VITE M12x90 UNI 5931		18
126	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
127	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
128	90.3797.00	OR D. 85.00x2.50 NBR 70SH - SRR50 SRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR60 SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
129	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
130	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - SRR50 SRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - SRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - SRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - SRR70 SRR75	A-C	
131	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
132	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
133	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
134	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
135	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
136	94.7770.00	MOLLA Dm. 61.0x35.0 - SRR50 SRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - SRR60 SRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - SRR70 SRR75		
137	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
138	90.3830.00	OR D. 13.10x2.62 NBR 70SH 117	A-C	6
139	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - SRR50 SRR55 SRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - SRR65 SRR70 SRR75	A-C	
140	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.56	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
141	90.3917.50	OR D. 88.57x2.62 SINTEK-H TPU 3350	A-C	3
142	91.5703.00	RIVETTO AUTOFILETTANTE D. 2.5x8.0		2
143	97.8276.00	MARCHIO PRATISSOLI		1
144	99.4254.00	VITE M12x16 5931		2
145	65.2184.76	SUPPORTO COPERCHIO SUPERIORE CARTER		1
146	10.7449.01	DISPOSITIVO APERTURA VALVOLE		3
147	65.7005.01	COPERCHIO PIGNONE PTO COMPLETO		2
148	99.4250.00	VITE M12x12 5923		2
149	99.3019.00	VITE M08x10 5931 - ATEX		1
150	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
151	99.3652.00	VITE M10x20 5931		3
152	93.1080.00	GOLFARE M24 UNI 2947		2
153	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - SRR50 SRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - SRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
154	93.1980.00	ROSETTA DI TENUTA G 3/4"		1
155	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.8 Vertical SRR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT2347	KIT2348	KIT2349	KIT2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0205.55	ALBERO A GOMITI C. 90		1
26	65.0207.01	COMPLESSIVO ALBERO C. 90 R.2.900		1
	65.0208.01	COMPLESSIVO ALBERO C. 90 R.3.460		
	65.0209.01	COMPLESSIVO ALBERO C. 90 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	65.2107.66	FLANGIA PER SOFFIETTO		3
36	92.8110.00	FASCETTA D. 98-109		3
37	65.2110.47	SOFFIETTO	C	3
38	97.6300.00	SPINA D. 12x40 UNI 6364		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	92.8100.00	FASCETTA D. 58-69		3
45	99.5142.00	VITE M16x45 UNI 5931		16
46	97.6230.00	SPINA D. 10.0x24.0 UNI 6364		8
47	65.2007.13	PIEDE POMPA VERTICALE		2
48	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
49	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
51	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
52	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
53	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
54	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
55	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
56	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
57	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
58	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
59	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
60	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
61	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
62	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
63	92.8990.00	FILTRO OLIO M20x1.5		1
64	36.2009.51	GUIDA VALVOLA		4
65	94.7440.00	MOLLA Dm. 15.4x26.5		4
66	36.2010.76	VALVOLA SFERICA		4
67	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
68	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
69	79.2139.64	CARTUCCIA VALVOLA		4
70	98.2137.80	TAPPO M18x11		1
71	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
72	94.7390.00	MOLLA Dm. 10.8x37.9		1
73	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
74	99.3039.00	VITE M08x16 UNI 5931		4
75	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
76	99.1851.00	VITE M06x16 UNI 5933		3
77	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
78	79.2128.74	PIASTRA POMPA OLIO		1
79	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
80	99.3686.00	VITE M10x30 UNI 5931		12
81	99.3116.00	VITE M08x40 UNI 5931		15
82	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
83	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
84	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
85	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
86	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
87	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
88	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
89	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
90	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
91	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
92	91.5050.00	LINGUETTA 18.0x11.0x100.0 UNI 6604		1
93	99.4410.00	VITE SERRAGGIO BIELLA		6
94	90.9185.00	BOCCOLA PIEDE BIELLA		3
95	65.1205.56	TESTATA LP		1
96	99.5355.00	VITE M24x2x220 UNI 5931		4
97	65.2120.56	COPERCHIO VALVOLE		1
98	99.5149.00	VITE M16x65 UNI 5931		24
99	99.4495.00	VITE M12x180 UNI 5931		24
100	65.2121.56	TAPPO VALVOLA		3
101	90.5345.00	ANELLO ANTIEST. D. 105.4x111.2x1.5	B-C	3
102	90.4146.00	OR D. 104.37x3.53 NBR 70SH 4412	B-C	6

KIT RICAMBIO – SPARE KIT

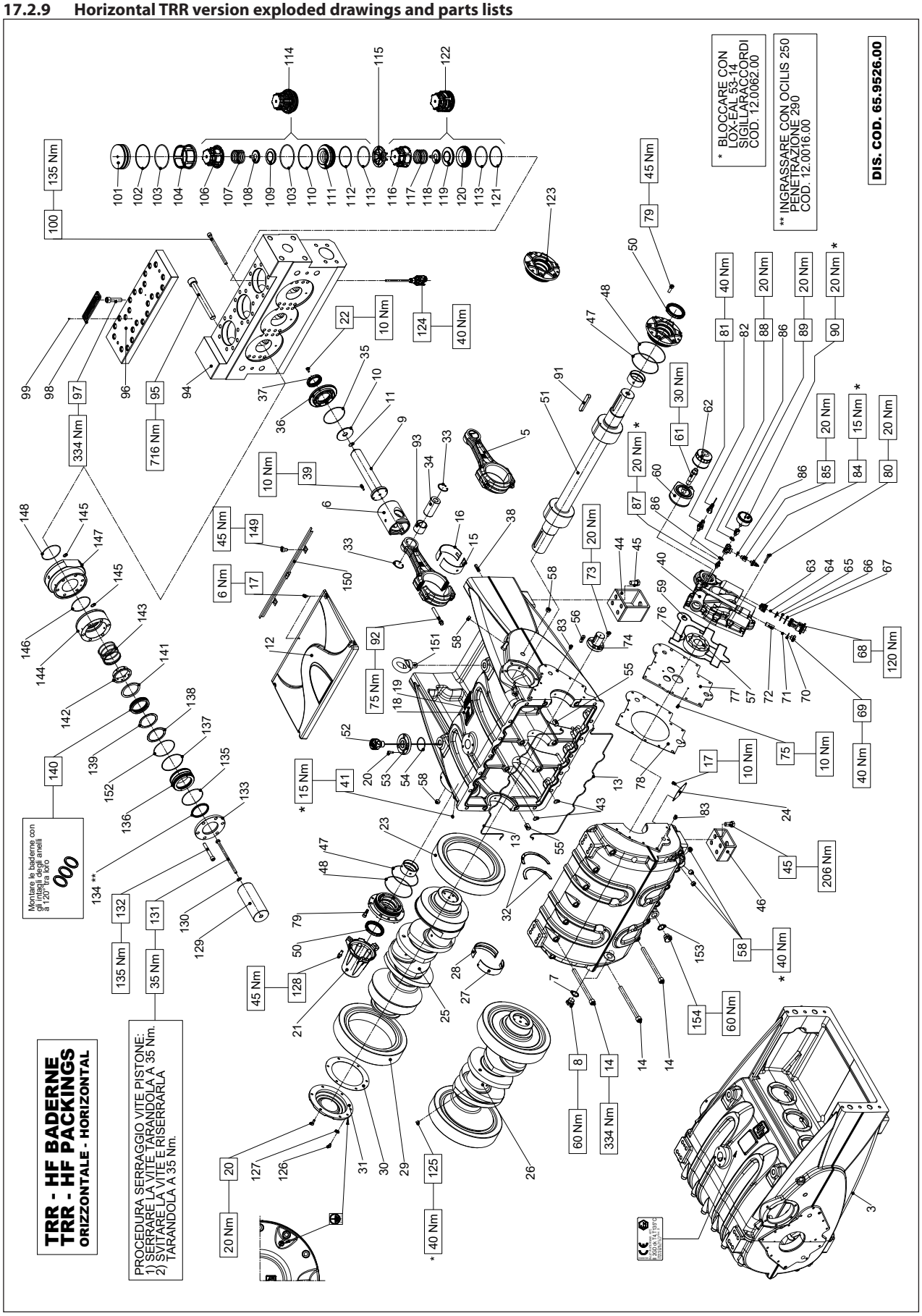
		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pomponti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
103	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
105	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
106	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
107	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
108	**36.2126.01**	**VALVOLA SFERICA**		**3**
109	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
110	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
111	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
112	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
113	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
114	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
115	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
116	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
117	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
118	**36.2127.01**	**VALVOLA SFERICA**		**3**
119	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
120	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
121	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
122	**65.7005.01**	**COPERCHIO PTO + BOCCOLA PIGNONE**		**2**
123	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
124	**65.2106.66**	**PARASPRUZZI PER SOFFIETTO**		**3**
126	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
127	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
128	**99.3652.00**	**VITE M10x20 5931**		**3**
129	**65.2119.66**	**DISTANZIALE PISTONE**		**3**
130	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
131	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
132	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
133	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
134	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
135	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
136	90.3797.00	OR D. 85.00x2.50 NBR 70SH - SRR50 SRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR60 SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
137	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
138	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - SRR50 SRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - SRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - SRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - SRR70 SRR75	A-C	

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
139	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
140	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
141	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
142	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
143	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
144	94.7770.00	MOLLA Dm. 61.0x35.0 - SRR50 SRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - SRR60 SRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - SRR70 SRR75		
145	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
146	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
147	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - SRR50 SRR55 SRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - SRR65 SRR70 SRR75	A-C	
148	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.56	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
149	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
150	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
151	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
152	**93.1080.00**	**GOLFARE M24 UNI 2947**		**2**
153	**99.4254.00**	**VITE M12x16 5931**		**2**
154	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
155	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - SRR50 SRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - SRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
156	**93.1980.00**	**ROSETTA DI TENUTA G 3/4"**		**1**
157	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.9 Horizontal TRR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	65.2105.66	PARASPRUZZI		3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0206.55	ALBERO A GOMITI C. 130		1
26	65.0210.01	COMPLESSIVO ALBERO C. 130 R.2.900		1
	65.0211.01	COMPLESSIVO ALBERO C. 130 R.3.460		
	65.0212.01	COMPLESSIVO ALBERO C. 130 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
46	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
47	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
48	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
50	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
51	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
52	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
53	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
54	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
55	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
56	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
57	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
58	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
59	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
60	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
61	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
62	92.8990.00	FILTRO OLIO M20x1.5		1
63	36.2009.51	GUIDA VALVOLA		4
64	94.7440.00	MOLLA Dm. 15.4x26.5		4
65	36.2010.76	VALVOLA SFERICA		4
66	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
67	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
68	79.2139.64	CARTUCCIA VALVOLA		4
69	98.2137.80	TAPPO M18x11		1
70	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
71	94.7390.00	MOLLA Dm. 10.8x37.9		1
72	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
73	99.3039.00	VITE M08x16 UNI 5931		4
74	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
75	99.1851.00	VITE M6x16 UNI 5933 8,8		3
76	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
77	79.2128.74	PIASTRA POMPA OLIO		1
78	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
79	99.3686.00	VITE M10x30 UNI 5931		12
80	99.3116.00	VITE M08x40 UNI 5931		15
81	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
82	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
83	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
84	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
85	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
86	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
87	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
88	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
89	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
90	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
91	91.5050.00	LINGUETTA 18.0x11.0x100.0 UNI 6604		1
92	99.4410.00	VITE SERRAGGIO BIELLA		6
93	90.9185.00	BOCCOLA PIEDE BIELLA		3
94	65.1205.56	TESTATA LP		1
95	99.5355.00	VITE M24x2x220 UNI 5931		4
96	65.2120.56	COPERCHIO VALVOLE		1
97	99.5149.00	VITE M16x65 UNI 5931		24
98	97.8276.00	MARCHIO PRATISSOLI		1
99	91.5703.00	RIVETTO AUTOFILETTANTE D. 2.5x8.0		2
100	99.4495.00	VITE M12x180 UNI 5931		24
101	65.2121.56	TAPPO VALVOLA		3
102	90.5345.00	ANELLO ANTIEST. D. 105.4x111.2x1.5	B-C	3

KIT RICAMBIO – SPARE KIT

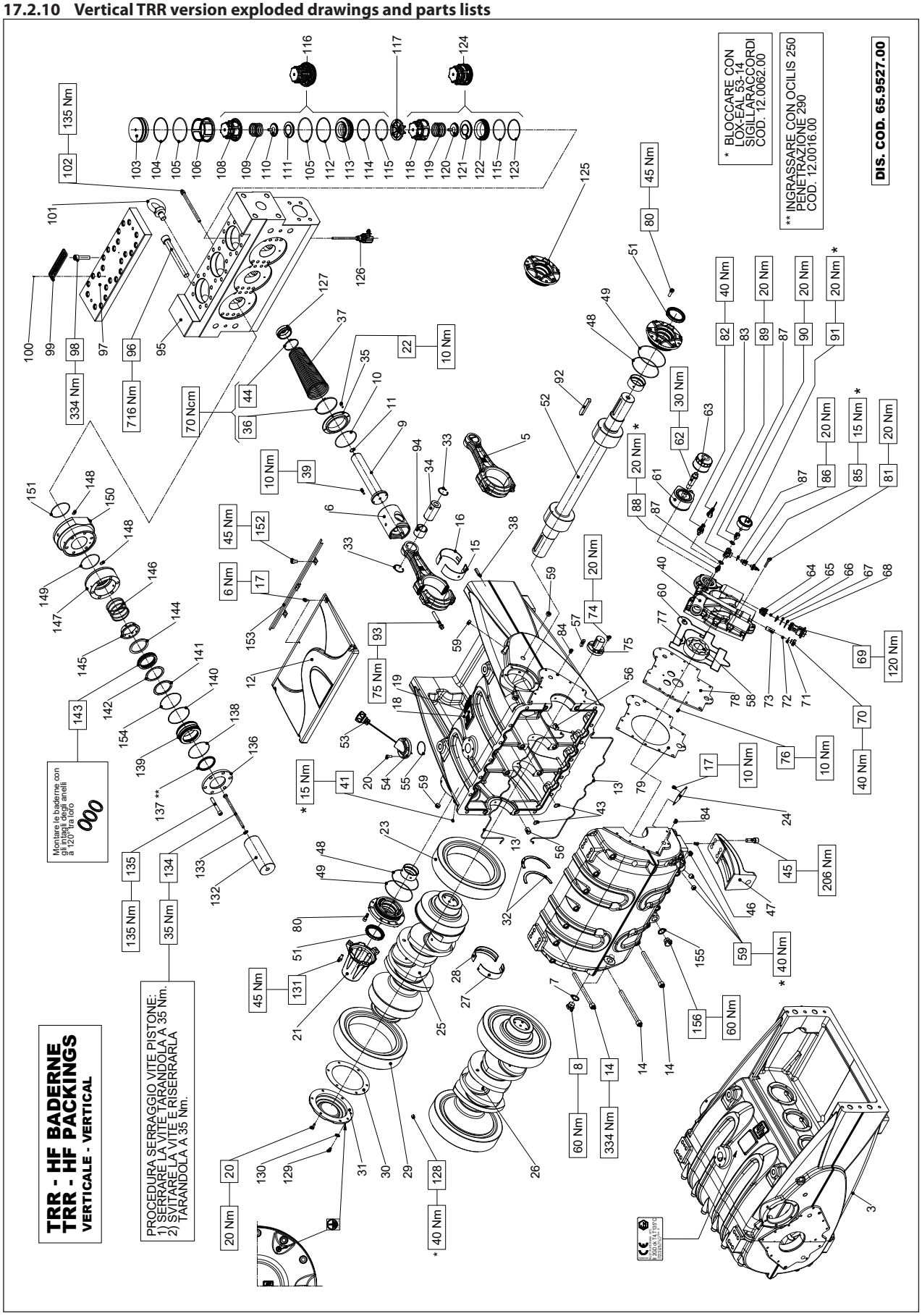
		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
103	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
104	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
106	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
107	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
108	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
109	**36.2126.01**	**VALVOLA SFERICA**		**3**
110	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
111	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
112	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
113	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
114	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
115	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
116	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
117	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
118	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
119	**36.2127.01**	**VALVOLA SFERICA**		**3**
120	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
121	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
122	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
123	**65.7005.01**	**COPERCHIO PIGNONE PTO COMPLETO**		**2**
124	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
125	**99.4250.00**	**VITE M12x12 5923**		**2**
126	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
127	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
128	**99.3652.00**	**VITE M10x20 5931**		**3**
129	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
130	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
131	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
132	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
133	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
134	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
135	90.3797.00	OR D. 85.00x2.50 NBR 70SH - TRR50 TRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR60 TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
136	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
137	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - TRR50 TRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - TRR60	A-C	

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
137	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - TRR65	A-C	3
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - TRR70 TRR75	A-C	
138	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
139	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
140	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
141	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
142	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
143	94.7770.00	MOLLA Dm. 61.0x35.0 - TRR50 TRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - TRR60 TRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - TRR70 TRR75		
144	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
145	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
146	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - TRR50 TRR55 TRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - TRR65 TRR70 TRR75	A-C	
147	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
148	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
149	**99.4254.00**	**VITE M12x16 5931**		**2**
150	**65.2184.76**	**SUPPORTO CAPERCHIO SUPERIORE CARTER**		**1**
151	**93.1080.00**	**GOLFARE M24 UNI 2947**		**2**
152	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - TRR50 TRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - TRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
153	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
154	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.10 Vertical TRR version exploded drawings and parts lists



KIT RICAMBIO – SPARE KIT

		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
8	98.2265.00	TAPPO G 3/4"x16		2
9	65.0505.66	STELO GUIDA PISTONE		3
10	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
11	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
12	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
13	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
14	99.5224.00	VITE M16x200 UNI 5931		22
15	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
16	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
17	99.1820.00	VITE M06x12 DIN 6921		9
18	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
19	97.8268.00	TARGHETTA POMPA		1
20	99.3059.00	VITE M08x20 UNI 5931		10
21	65.1509.20	COPERCHIO ESTREMITA' ALBERO		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	10.0815.55	CORONA SX Z81 R.2.900 - ELICOIDALE		1
	10.0817.55	CORONA SX Z83 R.3.460 - ELICOIDALE		
	10.0819.55	CORONA SX Z89 R.4.230 - ELICOIDALE		
24	65.2108.74	RETINA FILTRO OLIO		1
25	65.0206.55	ALBERO A GOMITI C. 130		1
26	65.0210.01	COMPLESSIVO ALBERO C. 130 R.2.900		1
	65.0211.01	COMPLESSIVO ALBERO C. 130 R.3.460		
	65.0212.01	COMPLESSIVO ALBERO C. 130 R.4.230		
27	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
28	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
29	10.0814.55	CORONA DX Z81 R.2.900 - ELICOIDALE		1
	10.0816.55	CORONA DX Z83 R.3.460 - ELICOIDALE		
	10.0818.55	CORONA DX Z89 R.4.230 - ELICOIDALE		
30	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
31	65.1506.20	COPERCHIO ALBERO A GOMITI		1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	65.2107.66	FLANGIA PER SOFFIETTO		3
36	92.8110.00	FASCETTA D. 98-109		3
37	65.2110.47	SOFFIETTO	C	3
38	97.6300.00	SPINA D. 12x40 UNI 6364		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	79.2124.20	CORPO POMPA OLIO		1
41	98.1930.00	TAPPO CONICO M08x1		2
43	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
44	92.8100.00	FASCETTA D. 58-69		3
45	99.5142.00	VITE M16x45 UNI 5931		16
46	97.6230.00	SPINA D. 10.0x24.0 UNI 6364		8
47	65.2007.13	PIEDE POMPA VERTICALE		2
48	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
49	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
51	90.1900.00	ANELLO RAD. D. 70.0x90.0x10.0	C	2
52	10.0811.55	PIGNONE Z28 R.2.900 - ELICOIDALE		1
	10.0812.55	PIGNONE Z24 R.3.460 - ELICOIDALE		
	10.0813.55	PIGNONE Z21 R.4.230 - ELICOIDALE		
53	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
54	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
55	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
56	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
57	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
58	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
59	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
60	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
61	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
62	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
63	92.8990.00	FILTRO OLIO M20x1.5		1
64	36.2009.51	GUIDA VALVOLA		4
65	94.7440.00	MOLLA Dm. 15.4x26.5		4
66	36.2010.76	VALVOLA SFERICA		4
67	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
68	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
69	79.2139.64	CARTUCCIA VALVOLA		4
70	98.2137.80	TAPPO M18x11		1
71	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
72	94.7390.00	MOLLA Dm. 10.8x37.9		1
73	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
74	99.3039.00	VITE M08x16 UNI 5931		4
75	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
76	99.1851.00	VITE M06x16 UNI 5933		3
77	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
78	79.2128.74	PIASTRA POMPA OLIO		1
79	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
80	99.3686.00	VITE M10x30 UNI 5931		12
81	99.3116.00	VITE M08x40 UNI 5931		15
82	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
83	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
84	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
85	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
86	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
87	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
88	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
89	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
90	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
91	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
92	91.5050.00	LINGUETTA 18.0x11.0x100.0 UNI 6604		1
93	99.4410.00	VITE SERRAGGIO BIELLA		6
94	90.9185.00	BOCCOLA PIEDE BIELLA		3
95	65.1205.56	TESTATA LP		1
96	99.5355.00	VITE M24x2x220 UNI 5931		4
97	65.2120.56	COPERCHIO VALVOLE		1
98	99.5149.00	VITE M16x65 UNI 5931		24
99	97.8276.00	MARCHIO PRATISSOLI		1
100	91.5703.00	RIVETTO AUTOFILETTANTE D. 2.5x8.0		2
101	93.1080.00	GOLFARE M24 UNI 2947		2
102	99.4495.00	VITE M12x180 UNI 5931		24

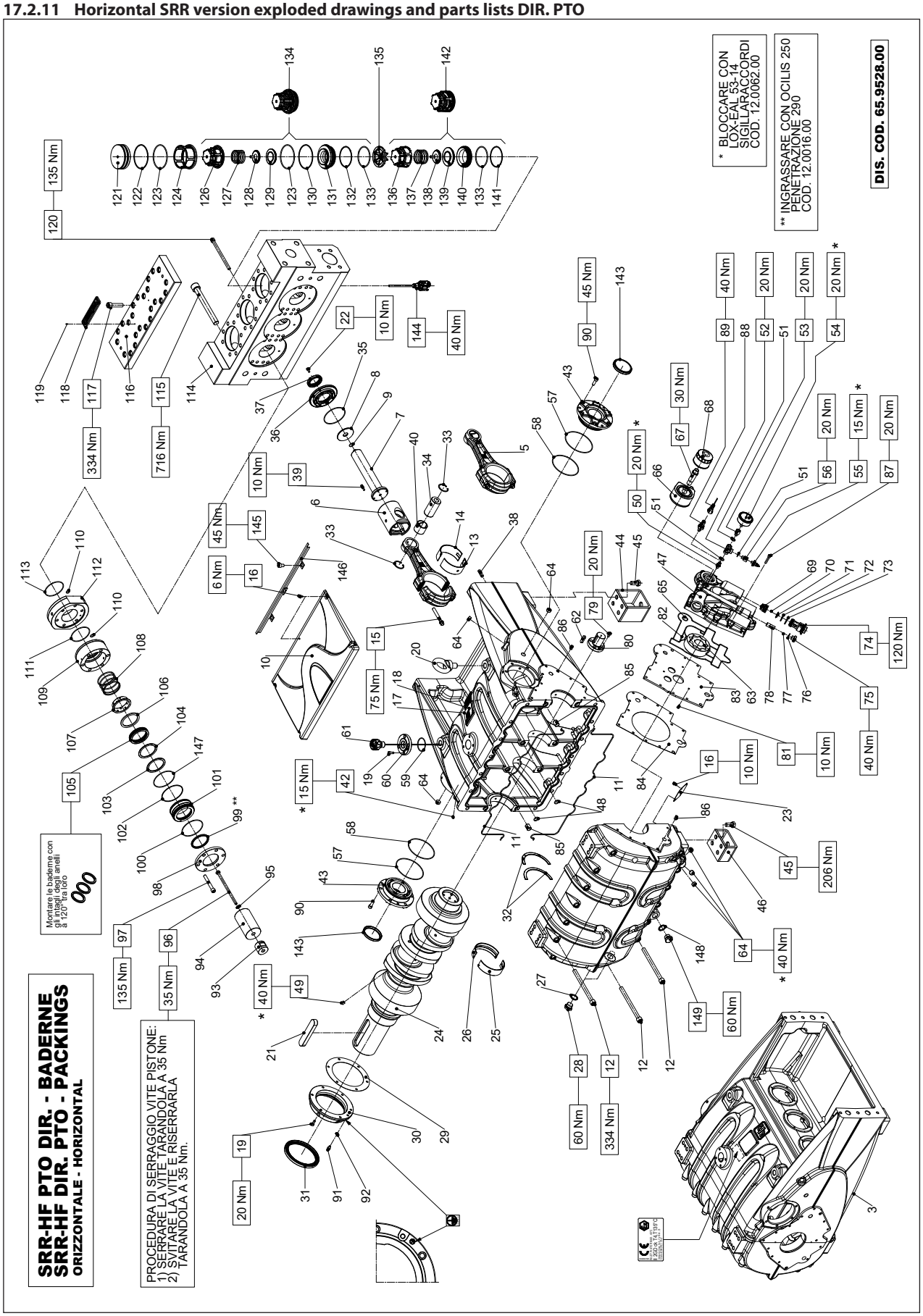
TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

KIT RICAMBIO – SPARE KIT		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
103	**65.2121.56**	**TAPPO VALVOLA**		**3**
104	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
105	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
106	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
108	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
109	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
110	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
111	**36.2126.01**	**VALVOLA SFERICA**		**3**
112	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
113	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
114	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
115	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
116	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
117	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
118	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
119	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
120	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
121	**36.2127.01**	**VALVOLA SFERICA**		**3**
122	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
123	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
124	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
125	**65.7005.01**	**COPERCHIO PTO + BOCCOLA PIGNONE**		**2**
126	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
127	**65.2106.66**	**PARASPRUZZI PER SOFFIETTO**		**3**
128	**99.4250.00**	**VITE M12x12 5923**		**2**
129	**99.3019.00**	**VITE M08x10 5931 - ATEX**		**1**
130	**96.7017.50**	**ROSETTA D. 8.4x15.0x0.8 - ATEX**		**1**
131	**99.3652.00**	**VITE M10x20 5931**		**3**
132	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
133	**96.7105.00**	**ROSETTA D. 10.0x18.0x0.9**		**3**
134	**99.3865.00**	**VITE M10x200 UNI 5737**		**3**
135	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
136	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
137	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
138	90.3797.00	OR D. 85.00x2.50 NBR 70SH - TRR50 TRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR60 TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
139	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
140	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - TRR50 TRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - TRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - TRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - TRR70 TRR75	A-C	
141	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
142	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
143	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
144	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
145	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
146	94.7770.00	MOLLA Dm. 61.0x35.0 - TRR50 TRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - TRR60 TRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - TRR70 TRR75		
147	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
148	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
149	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - TRR50 TRR55 TRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - TRR65 TRR70 TRR75	A-C	
150	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
151	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
152	**99.4254.00**	**VITE M12x16 5931**		**2**
153	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
154	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - TRR50 TRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - TRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
155	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
156	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.11 Horizontal SRR version exploded drawings and parts lists DIR. PTO



KIT RICAMBIO – SPARE KIT

		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
8	65.2105.66	PARASPRUZZI		3
9	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
10	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI 6604		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0213.55	ALBERO A GOMITI C. 90 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. D. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
46	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
51	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
60	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
61	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1.5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M06x16 UNI 5933		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	99.3019.00	VITE M08x10 5931 - ATEX		1
92	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
93	65.2119.66	DISTANZIALE PISTONE		3
94	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
95	96.7105.00	ROSETTA D. 10.0x18.0x0.9		3
96	99.3865.00	VITE M10x200 UNI 5737		3
97	99.4418.00	VITE M12x90 UNI 5931		18
98	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		

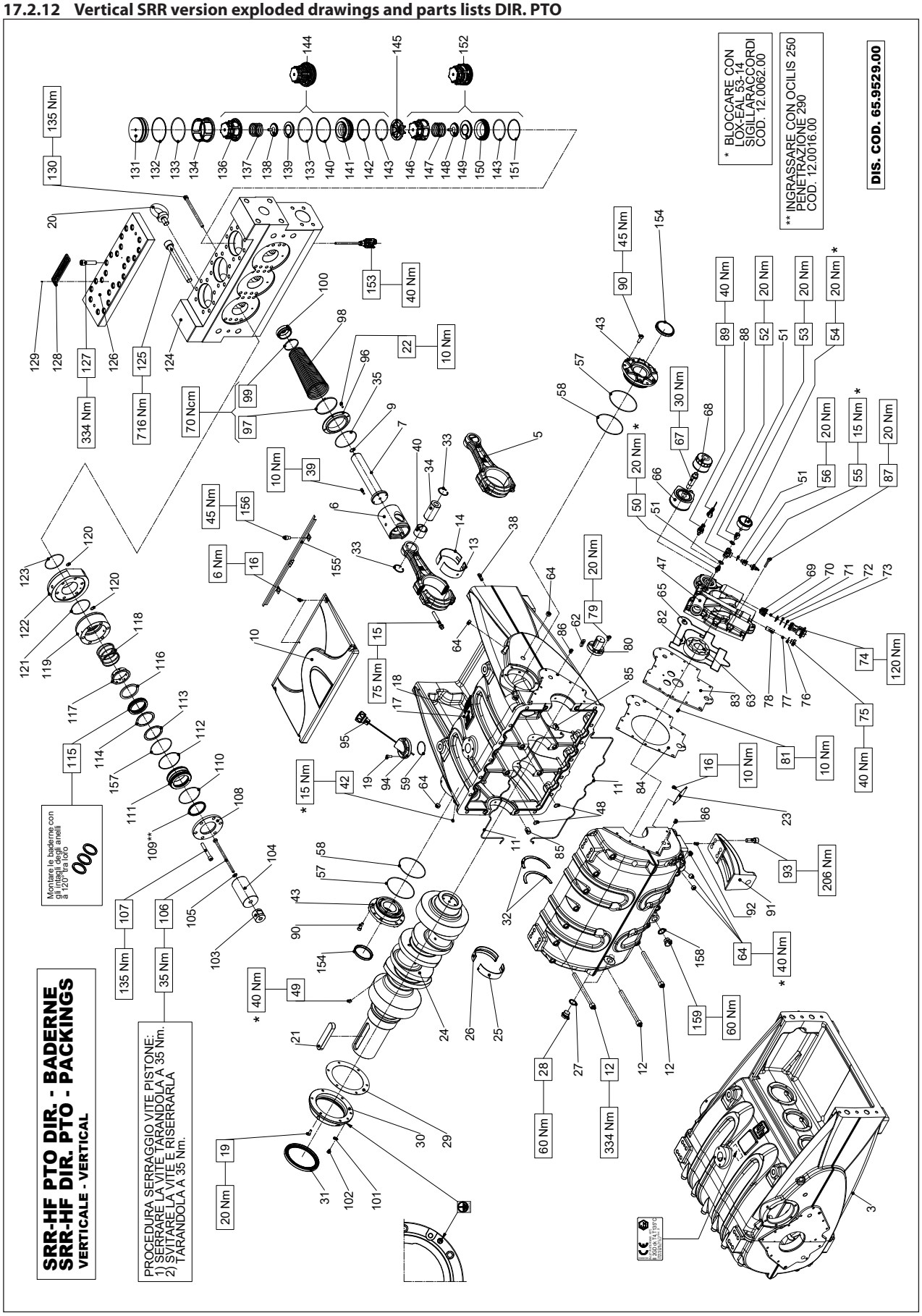
KIT RICAMBIO – SPARE KIT		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
98	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		3
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
99	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
100	90.3797.00	OR D. 85.00x2.50 NBR 70SH - SRR50 SRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR60 SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
101	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
102	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - SRR50 SRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - SRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - SRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - SRR70 SRR75	A-C	
103	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
104	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
105	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
106	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
107	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
108	94.7770.00	MOLLA Dm. 61.0x35.0 - SRR50 SRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - SRR60 SRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - SRR70 SRR75		
109	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
110	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
111	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - SRR50 SRR55 SRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - SRR65 SRR70 SRR75	A-C	
112	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.56	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
113	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
114	**65.1205.56**	**TESTATA LP**		**1**
115	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
116	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
117	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
118	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
119	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
120	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
121	**65.2121.56**	**TAPPO VALVOLA**		**3**
122	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
123	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
124	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
126	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
127	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
128	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
129	**36.2126.01**	**VALVOLA SFERICA**		**3**
130	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
131	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
132	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
133	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
134	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
135	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
136	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
137	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
138	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
139	**36.2127.01**	**VALVOLA SFERICA**		**3**
140	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
141	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
142	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
143	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
144	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
145	**99.4254.00**	**VITE M12x16 5931**		**2**
146	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
147	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - SRR50 SRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - SRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
148	**93.1980.00**	**ROSETTA DI TENUTA G 3/4"**		**1**
149	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.12 Vertical SRR version exploded drawings and parts lists DIR. PTO



KIT RICAMBIO – SPARE KIT

		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

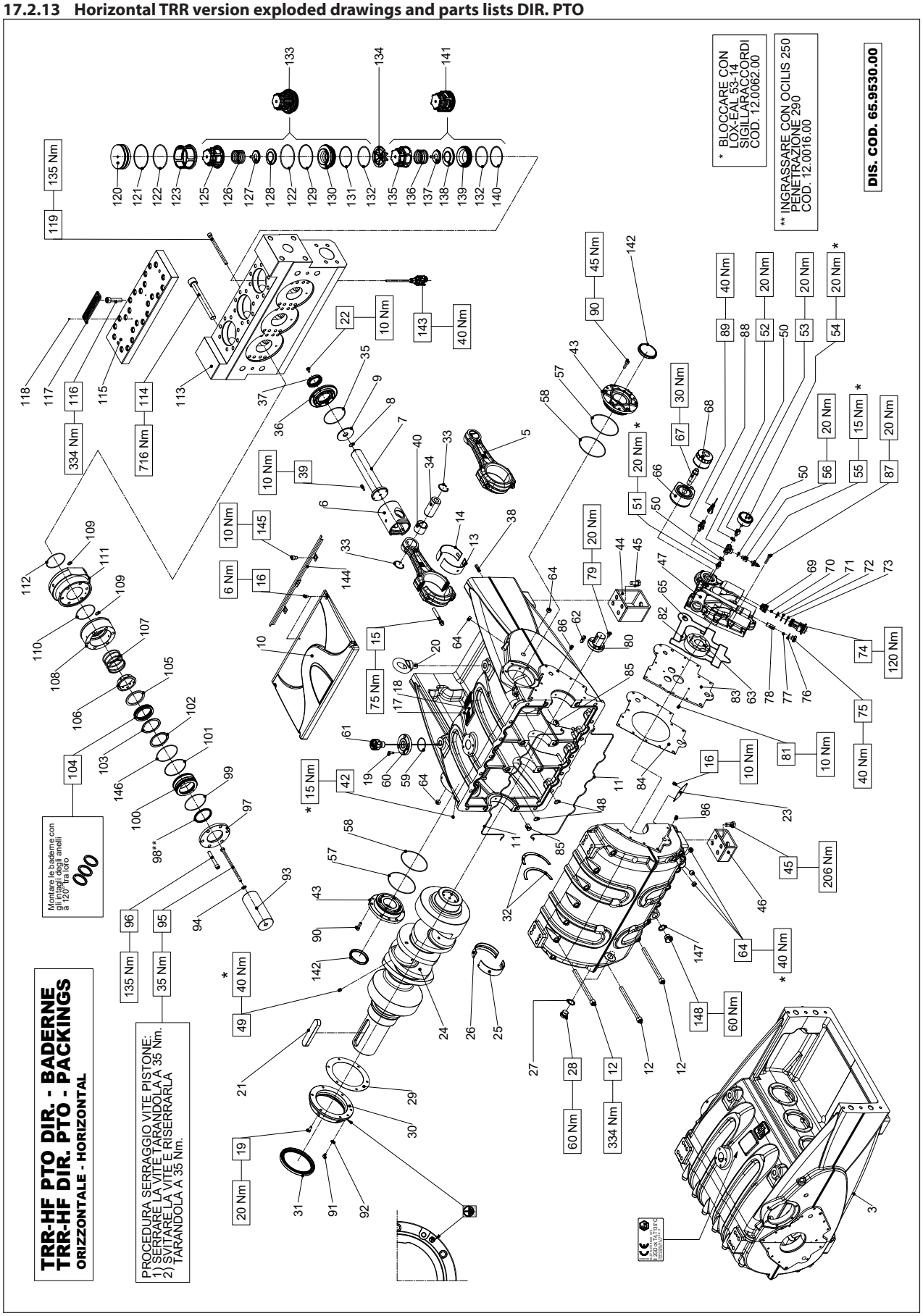
POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0108.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
9	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
10	65.1508.53	COPERCHIO SUPERIORE CARTER		1
	65.1511.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI 6604		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0213.55	ALBERO A GOMITI C. 90 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. D. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
51	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1.5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M06x16 UNI 5933		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	65.2007.13	PIEDE POMPA VERTICALE		2
92	97.6230.00	SPINA D. 10.0x24.0 UNI 6364		8
93	99.5142.00	VITE M16x45 UNI 5931		16
94	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
95	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
96	65.2107.66	FLANGIA PER SOFFIETTO		3
97	92.8110.00	FASCETTA D. 98-109		3
98	65.2110.47	SOFFIETTO	C	3
99	92.8100.00	FASCETTA D. 58-69		3
100	65.2106.66	PARASPRUZZI PER SOFFIETTO		3
101	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
102	99.3019.00	VITE M08x10 5931 - ATEX		1
103	65.2119.66	DISTANZIALE PISTONE		3
104	74.0402.09	PISTONE D. 50x127		3
	74.0403.09	PISTONE D. 55x127		
	74.0404.09	PISTONE D. 60x127		
	74.0405.09	PISTONE D. 65x127		
	65.0432.09	PISTONE D. 70x127		
	65.0409.09	PISTONE D. 75x127		
105	96.7105.00	ROSETTA D. 10.0x18.0x0.9		3
106	99.3865.00	VITE M10x200 UNI 5737		3

KIT RICAMBIO – SPARE KIT		SRR50 (D.50)	SRR55 (D.55)	SRR60 (D.60)	SRR65 (D.65)	SRR70 (D.70)	SRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

SRR50 - SRR55 - SRR60
SRR65 - SRR70 - SRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
107	**99.4418.00**	**VITE M12x90 UNI 5931**		**18**
108	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
109	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
110	90.3797.00	OR D. 85.00x2.50 NBR 70SH - SRR50 SRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR60 SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
111	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
112	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - SRR50 SRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - SRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - SRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - SRR70 SRR75	A-C	
113	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
114	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
115	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
116	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
117	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
118	94.7770.00	MOLLA Dm. 61.0x35.0 - SRR50 SRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - SRR60 SRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - SRR70 SRR75		
119	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
120	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
121	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - SRR50 SRR55 SRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - SRR65 SRR70 SRR75	A-C	
122	65.2123.56	SUPPORTO CAMICIA D. 50-55		3
	65.2182.56	SUPPORTO CAMICIA D. 60		
	65.2124.56	SUPPORTO CAMICIA D. 65-70-75		
123	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
124	**65.1205.56**	**TESTATA LP**		**1**
125	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
126	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
127	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
128	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
129	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
130	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
131	**65.2121.56**	**TAPPO VALVOLA**		**3**
132	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
133	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
134	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
136	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
137	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
138	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
139	**36.2126.01**	**VALVOLA SFERICA**		**3**
140	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
141	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
142	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
143	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
144	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
145	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
146	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
147	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
148	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
149	**36.2127.01**	**VALVOLA SFERICA**		**3**
150	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
151	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
152	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
153	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
154	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
155	**65.2184.76**	**SUPPORTO COPERCHIO SUPERIORE CARTER**		**1**
156	**99.4254.00**	**VITE M12x16 5931**		**2**
157	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - SRR50 SRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - SRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - SRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - SRR70 SRR75	A-C	
158	**93.1980.00**	**ROSETTA DI TENUTA G 3/4"**		**1**
159	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.13 Horizontal TRR version exploded drawings and parts lists DIR. PTO



KIT RICAMBIO – SPARE KIT

		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
8	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
9	65.2105.66	PARASPRUZZI		3
10	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI6604		1
22	99.1853.00	VITE M06x16 UNI 5931		6
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0214.55	ALBERO A GOMITI C. 130 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
36	79.2100.22	COPERCHIO PARAOLIO GUIDA PISTONE		3
37	90.1715.00	ANELLO RAD. D. 50.0x70.0x10.0/11.5	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
44	65.2006.02	PIEDE ANTERIORE POMPA ORIZZONTALE		2
45	99.5133.00	VITE M16x35 UNI 5739		16
46	65.2005.02	PIEDE POSTERIORE POMPA ORIZZONTALE		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
51	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
60	65.2112.54	SUPPORTO ASTA LIVELLO OLIO ORIZZONTALE		1
61	98.2340.50	TAPPO OLIO G 1"x343 CON ASTA		1
	98.2340.70	TAPPO OLIO G 1"x343 CON ASTA - ATEX		
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1.5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M6x16 UNI 5933 8,8		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	99.3019.00	VITE M08x10 5931 - ATEX		1
92	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
93	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
94	96.7105.00	ROSETTA D. 10.0x18.0x0.9		3
95	99.3865.00	VITE M10x200 UNI 5737		3
96	99.4418.00	VITE M12x90 UNI 5931		18
97	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		
98	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	

KIT RICAMBIO – SPARE KIT

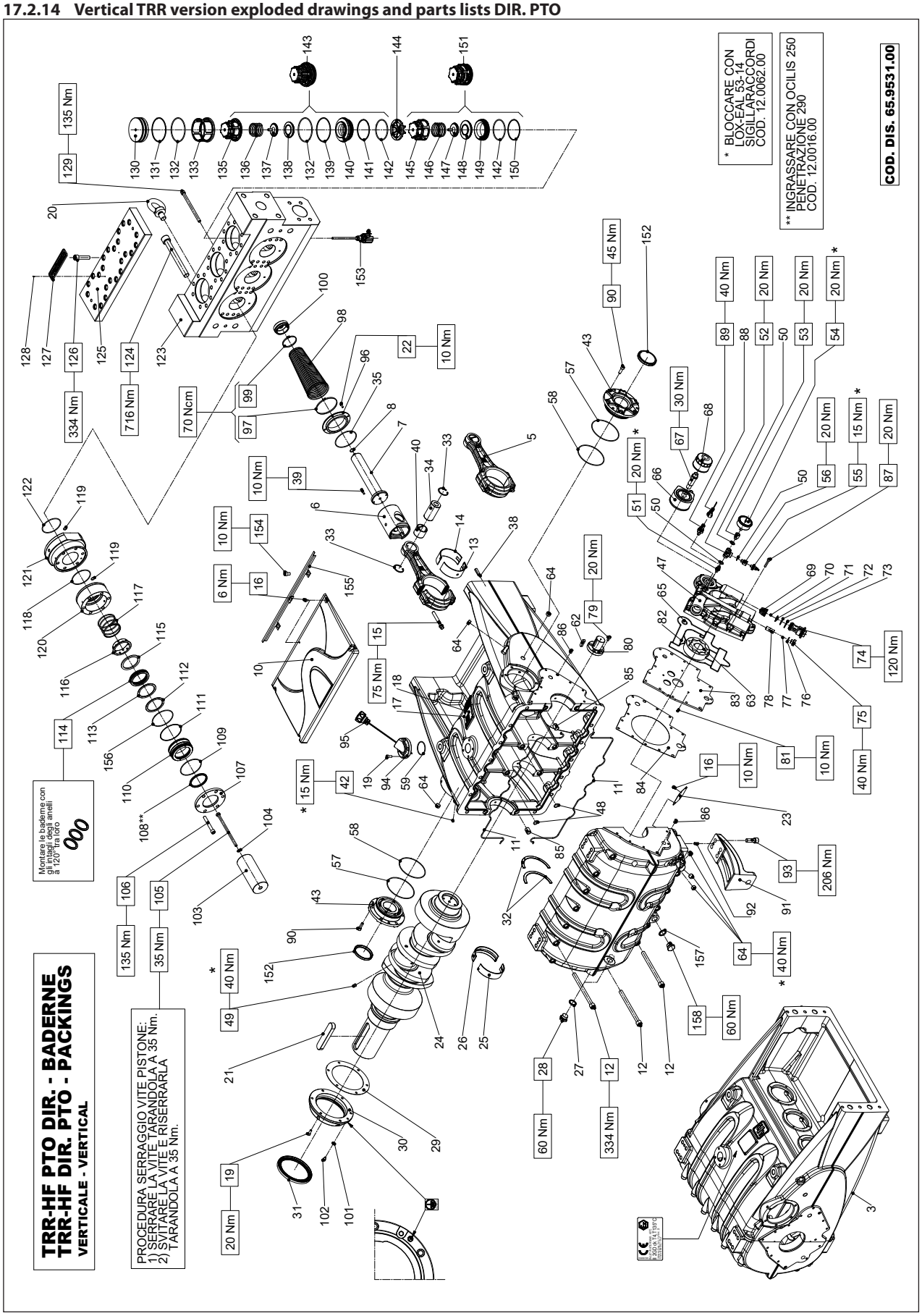
		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
98	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	3
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
99	90.3797.00	OR D. 85.00x2.50 NBR 70SH - TRR50 TRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR60 TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
100	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
101	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - TRR50 TRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - TRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - TRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - TRR70 TRR75	A-C	
102	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
103	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
104	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
105	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
106	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
107	94.7770.00	MOLLA Dm. 61.0x35.0 - TRR50 TRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - TRR60 TRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - TRR70 TRR75		

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
108	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
109	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
110	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - TRR50 TRR55 TRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - TRR65 TRR70 TRR75	A-C	
111	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
112	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
113	**65.1205.56**	**TESTATA LP**		**1**
114	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
115	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
116	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
117	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
118	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
119	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
120	**65.2121.56**	**TAPPO VALVOLA**		**3**
121	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
122	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
123	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
125	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
126	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
127	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
128	**36.2126.01**	**VALVOLA SFERICA**		**3**
129	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
130	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
131	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
132	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
133	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
134	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
135	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
136	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
137	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
138	**36.2127.01**	**VALVOLA SFERICA**		**3**
139	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
140	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
141	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
142	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
143	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
144	**65.2184.76**	**SUPPORTO CAPERCHIO SUPERIORE CARTER**		**1**
145	**99.4254.00**	**VITE M12x16 5931**		**2**
146	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - TRR50 TRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - TRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
147	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
148	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

17.2.14 Vertical TRR version exploded drawings and parts lists DIR. PTO



TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

KIT RICAMBIO – SPARE KIT		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
3	65.0109.01	CARTER COMPLETO		1
5	65.0306.01	BIELLA COMPLETA		3
6	79.0500.43	GUIDA PISTONE		3
	79.0502.43	GUIDA PISTONE +1.0		
7	65.0505.66	STELO GUIDA PISTONE		3
8	90.3596.00	OR D. 18.77x1.78 NBR 70SH 2075	C	3
10	65.1507.53	COPERCHIO SUPERIORE CARTER		1
	65.1510.76	COPERCHIO SUPERIORE CARTER - ATEX		
11	65.2140.82	GUARNIZIONE D. 3.53x530.00	C	2
12	99.5224.00	VITE M16x200 UNI 5931		22
13	90.9323.00	SEMIBOCCOLA TESTA BIELLA - INF.	E	3
	90.9324.00	SEMIBOCCOLA TESTA BIELLA +0,25 - INF.	E	
	90.9325.00	SEMIBOCCOLA TESTA BIELLA +0,50 - INF.	E	
14	90.9320.00	SEMICOCCOLA TESTA BIELLA - SUP.	E	3
	90.9321.00	SEMICOCCOLA TESTA BIELLA +0,25 - SUP.	E	
	90.9322.00	SEMICOCCOLA TESTA BIELLA +0,50 - SUP.	E	
15	99.4410.00	VITE SERRAGGIO BIELLA		6
16	99.1820.00	VITE M06x12 DIN 6921		9
17	91.5700.00	RIVETTO AUTOF. D. 2.5x5.0		4
18	97.8268.00	TARGHETTA POMPA		1
19	99.3059.00	VITE M08x20 UNI 5931		10
20	93.1080.00	GOLFARE M24 UNI 2947		2
21	91.5160.00	LINGUETTA 32.0x18.0x160.0 UNI6604		1
22	99.1853.00	VITE M06x16 UNI 5931		12
23	65.2108.74	RETINA FILTRO OLIO		1
24	65.0214.55	ALBERO A GOMITI C. 130 - PTO DIR.		1
25	90.9350.00	SEMIBOCCOLA DI BANCO - INF.	D	4
	90.9351.00	SEMIBOCCOLA DI BANCO +0,254 - INF.	D	
	90.9352.00	SEMIBOCCOLA DI BANCO +0,508 - INF.	D	
26	90.9347.00	SEMIBOCCOLA DI BANCO - SUP.	D	4
	90.9348.00	SEMIBOCCOLA DI BANCO +0,254 - SUP.	D	
	90.9349.00	SEMIBOCCOLA DI BANCO +0,508 - SUP.	D	
27	93.1980.00	ROSETTA DI TENUTA D. 3/4"		2
28	98.2265.00	TAPPO G 3/4"x16		2
29	65.2109.84	GUARNIZIONE COPERCHIO LATERALE	C	1
30	65.1513.71	COPERCHIO ALBERO A GOMITI - PTO DIR.		1
31	90.1990.00	ANELLO RAD. 140.0x170.0x12.0	C	1
32	90.9353.00	SEMIANELLO DI SPALLAMENTO	D	2
33	90.0755.00	ANELLO D'ARRESTO J45		6
34	97.7470.00	SPINOTTO D. 45x86		3
35	90.3920.00	OR D. 101.27x2.62 NBR 70SH 3400	C	3
38	97.6300.00	SPINA D. 12.0x40.0		2
39	99.1897.00	VITE M06x25 UNI 5931		12
40	90.9185.00	BOCCOLA PIEDE BIELLA		3
42	98.1930.00	TAPPO CONICO M08x1		2
43	65.1512.13	COPERCHIO CHIUSURA - PTO DIR.		2
47	79.2124.20	CORPO POMPA OLIO		1
48	90.3845.00	OR D. 18.72x2.62 NBR 70SH 3075	C	4
49	99.4250.00	VITE M12x12 5923		2
50	96.7230.00	ROSETTA D. 13.5x19.0x1.5		3
51	95.2560.00	RACCORDO M-M NPT 1/4" - G 1/4"		1
52	96.3100.00	RACCORDO A T F-F-F G 1/4"		1
53	95.2566.00	NIPPLO DI RIDUZIONE M-F G 1/4"		1
54	94.6070.00	MANOMETRO ATTACCO POSTERIORE 0-16 D. 63		1
55	93.5555.00	PRESSOSTATO 0.3 N.A. 12V		1
56	94.5131.00	RACCORDO M-F G 1/4"- M 10x1		1
57	90.3805.00	OR D. 132.00x2.50 NBR 70SH	C	2
58	90.3926.50	OR D. 126.67x2.62 NBR 70SH 3500	C	2
59	90.3898.00	OR D. 56.82x2.62 NBR 70SH 3225	C	1
62	91.4995.00	LINGUETTA 12.0x8.0x40.0 UNI 6604		1
63	79.2119.07	ASSIEME ROTORI POMPA OLIO H=35		1
64	98.2155.00	TAPPO CONICO M20x1.5 DIN 906		6
65	90.3852.00	OR D. 22.22x2.62 NBR 70SH 130	C	1
66	65.2137.00	SCAMBIATORE ACQUA-OLIO		1
67	65.2138.64	RACCORDO SCAMBIATORE FILTRO OLIO		1
68	92.8990.00	FILTRO OLIO M20x1.5		1
69	36.2009.51	GUIDA VALVOLA		4
70	94.7440.00	MOLLA Dm. 15.4x26.5		4
71	36.2010.76	VALVOLA SFERICA		4
72	90.3865.00	OR D. 29.82x2.62 NBR 70SH 3118	C	4
73	90.3873.00	OR D. 36.14x2.62 NBR 70SH 3143	C	4
74	79.2139.64	CARTUCCIA VALVOLA		4
75	98.2137.80	TAPPO M18x11		1
76	96.7410.00	RONDELLA D. 18.2x24.0x1.5		1
77	94.7390.00	MOLLA Dm. 10.8x37.9		1
78	79.2136.64	PISTONCINO VALVOLA SOVRAPRESSIONE		1
79	99.3039.00	VITE M08x16 UNI 5931		4
80	79.2126.54	CODOLO COMANDO ROTORI POMPA OLIO		1
81	99.1851.00	VITE M6x16 UNI 5933 8,8		3
82	79.2127.47	GUARNIZIONE CORPO POMPA OLIO	C	1
83	79.2128.74	PIASTRA POMPA OLIO		1
84	79.2129.84	GUARNIZIONE PIASTRA POMPA OLIO	C	1
85	79.2116.89	BUSSOLA CENTRAGGIO CARTER-SUPPORTO		4
86	79.2135.89	BUSSOLA CENTRAGGIO POMPA OLIO		2
87	99.3116.00	VITE M08x40 UNI 5931		15
88	93.5515.00	CONNETTORE INTER. SPIA TEMPERATURA		1
89	93.5105.00	INTERRUTTORE SPIA TEMPERATURA		1
90	99.3686.00	VITE M10x30 UNI 5931		12
91	65.2007.13	PIEDE POMPA VERTICALE		2
92	97.6230.00	SPINA D. 10.0x24.0 UNI 6364		8
93	99.5142.00	VITE M16x45 UNI 5931		16
94	65.2111.54	SUPPORTO ASTA LIVELLO OLIO VERTICALE		1
95	98.2339.50	TAPPO OLIO G 1"x275 CON ASTA		1
	98.2340.20	TAPPO OLIO G 1"x275 CON ASTA - ATEX		
96	65.2107.66	FLANGIA PER SOFFIETTO		3
97	92.8110.00	FASCETTA D. 98-109		3
98	65.2110.47	SOFFIETTO	C	3
99	92.8100.00	FASCETTA D. 58-69		3
100	65.2106.66	PARASPRUZZI PER SOFFIETTO		3
101	96.7017.50	ROSETTA D. 8.4x15.0x0.8 - ATEX		1
102	99.3019.00	VITE M08x10 5931 - ATEX		1
103	65.0405.09	PISTONE D. 50x180		3
	65.0433.09	PISTONE D. 55x180		
	65.0406.09	PISTONE D. 60x180		
	65.0434.09	PISTONE D. 65x180		
	65.0407.09	PISTONE D. 70x180		
	65.0408.09	PISTONE D. 75x180		
104	96.7105.00	ROSETTA D. 10.0x18.0x0.9		3
105	99.3865.00	VITE M10x200 UNI 5737		3
106	99.4418.00	VITE M12x90 UNI 5931		18
107	65.2200.56	ANELLO PER SUPPORTO BADERNE D. 50		3
	65.2201.56	ANELLO PER SUPPORTO BADERNE D. 55		
	65.2202.56	ANELLO PER SUPPORTO BADERNE D. 60		
	65.2132.56	ANELLO PER SUPPORTO BADERNE D. 65		
	65.2134.56	ANELLO PER SUPPORTO BADERNE D. 70		
	65.2136.56	ANELLO PER SUPPORTO BADERNE D. 75		

KIT RICAMBIO – SPARE KIT

		TRR50 (D.50)	TRR55 (D.55)	TRR60 (D.60)	TRR65 (D.65)	TRR70 (D.70)	TRR75 (D.75)
A	Kit tenute pompanti – Plunger packing kit	KIT 2345	KIT 2346	KIT 2347	KIT 2348	KIT 2349	KIT 2350
B	Kit valvole – Valves kit	KIT 2264					
C	Kit tenute complete - Complete seals kit	KIT 2351	KIT 2352	KIT 2353	KIT 2354	KIT 2355	KIT 2356
D	Kit bronzine banco – Shaft bushing kit	KIT 2265 - 2266 (+0,25) - 2267 (+0,50)					
E	Kit bronzine bielle – Conrod bushing kit	KIT 2186 - 2187 (+0,25) - 2188 (+0,50)					

TRR50 - TRR55 - TRR60
TRR65 - TRR70 - TRR75

POS	CODE CODICE	DESCRIPTION DESCRIZIONE	KIT	NR. PCS.
108	90.2860.00	ANELLO TEN. ALT. D. 50.0x58.0x5.5 LP	A-C	3
	90.2870.00	ANELLO TEN. ALT. D. 55.0x63.0x5.5 LP	A-C	
	90.2880.00	ANELLO TEN. ALT. D. 60.0x68.0x5.5 LP	A-C	
	90.2890.00	ANELLO TEN. ALT. D. 65.0x73.0x5,5 LP	A-C	
	90.2900.00	ANELLO TEN. ALT. D. 70.0x80.0x5.4 LP	A-C	
	90.2910.00	ANELLO TEN. ALT. D. 75.0x85.0x5.4 LP	A-C	
109	90.3797.00	OR D. 85.00x2.50 NBR 70SH - TRR50 TRR55	A-C	3
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR60 TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
110	65.2184.56	SUPPORTO PER BADERNE D. 50		3
	65.2185.56	SUPPORTO PER BADERNE D. 55		
	65.2186.56	SUPPORTO PER BADERNE D. 60		
	65.2187.56	SUPPORTO PER BADERNE D. 65		
	65.2188.56	SUPPORTO PER BADERNE D. 70		
	65.2189.56	SUPPORTO PER BADERNE D. 75		
111	90.5289.00	ANELLO ANTIEST. D. 76.9x81.0x1.5 - TRR50 TRR55	A-C	3
	90.5294.00	ANELLO ANTIEST. D. 82.9x87.0x1.5 - TRR60	A-C	
	90.5320.00	ANELLO ANTIEST. D. 92.2x96.0x1.5 - TRR65	A-C	
	90.5330.00	ANELLO ANTIEST. D. 101.2x105.0x1.5 - TRR70 TRR75	A-C	
112	65.2190.56	ANELLO DI SUPPORTO D. 50		3
	65.2191.56	ANELLO DI SUPPORTO D. 55		
	65.2192.56	ANELLO DI SUPPORTO D. 60		
	65.2193.56	ANELLO DI SUPPORTO D. 65		
	65.2194.56	ANELLO DI SUPPORTO D. 70		
	65.2195.56	ANELLO DI SUPPORTO D. 75		
113	90.5244.00	ANELLO ANTIEST. D. 50.0x66.0x2.0	A-C	3
	90.5266.50	ANELLO ANTIEST. D. 55.0x71.0x2.0	A-C	
	90.5268.90	ANELLO ANTIEST. D. 60.0x76.0x2.0	A-C	
	90.5274.50	ANELLO ANTIEST. D. 65.0x81.0x2.0	A-C	
	90.5283.00	ANELLO ANTIEST. D. 70.0x86.0x2.0	A-C	
	90.5286.80	ANELLO ANTIEST. D. 75.0x91.0x2.0	A-C	
114	90.5699.00	BADERNE D. 50x66x15	A-C	3
	90.5724.00	BADERNE D. 55x71x15	A-C	
	90.5749.00	BADERNE D. 60x76x15	A-C	
	90.5774.00	BADERNE D. 65x81x15	A-C	
	90.5785.00	BADERNE D. 70x86x15	A-C	
	90.5795.00	BADERNE D. 75x91x15	A-C	
115	74.2138.82	ANELLO RASCHIATORE D. 50	A-C	3
	74.2139.82	ANELLO RASCHIATORE D. 55	A-C	
	74.2140.82	ANELLO RASCHIATORE D. 60	A-C	
	74.2141.82	ANELLO RASCHIATORE D. 65	A-C	
	65.2198.82	ANELLO RASCHIATORE D. 70	A-C	
	65.2199.82	ANELLO RASCHIATORE D. 75	A-C	
116	74.2134.56	ANELLO PER MOLLA D. 50		3
	74.2135.56	ANELLO PER MOLLA D. 55		
	74.2136.56	ANELLO PER MOLLA D. 60		
	74.2137.56	ANELLO PER MOLLA D. 65		
	65.2196.56	ANELLO PER MOLLA D. 70		
	65.2197.56	ANELLO PER MOLLA D. 75		
117	94.7770.00	MOLLA Dm. 61.0x35.0 - TRR50 TRR55		3
	94.7900.00	MOLLA Dm. 71.5x45.0 - TRR60 TRR65		
	94.8010.00	MOLLA Dm. 81.3x65.5 - TRR70 TRR75		
118	90.3913.50	OR D. 71.12x2.62 NBR 90SH 3281 - TRR50 TRR55 TRR60	A-C	3
	90.3917.00	OR D. 88.57x2.62 NBR 70SH 3350 - TRR65 TRR70 TRR75	A-C	
119	**90.3830.00**	**OR D. 13.10x2.62 NBR 70SH 117**	**A-C**	**6**
120	65.0618.56	CAMICIA PER BADERNE D. 50-55		3
	65.0619.56	CAMICIA PER BADERNE D. 60		
	65.0620.56	CAMICIA PER BADERNE D. 65		
	65.0621.56	CAMICIA PER BADERNE D. 70-75		
121	65.2146.56	SUPPORTO CAMICIA D. 50-55		3
	65.2125.56	SUPPORTO CAMICIA D. 60		
	65.2126.56	SUPPORTO CAMICIA D. 65-70-75		
122	**90.3917.50**	**OR D. 88.57x2.62 SINTEK-H TPU 3350**	**A-C**	**3**
123	**65.1205.56**	**TESTATA LP**		**1**
124	**99.5355.00**	**VITE M24x2x220 UNI 5931**		**4**
125	**65.2120.56**	**COPERCHIO VALVOLE**		**1**
126	**99.5149.00**	**VITE M16x65 UNI 5931**		**24**
127	**97.8276.00**	**MARCHIO PRATISSOLI**		**1**
128	**91.5703.00**	**RIVETTO AUTOFILETTANTE D. 2.5x8.0**		**2**
129	**99.4495.00**	**VITE M12x180 UNI 5931**		**24**
130	**65.2121.56**	**TAPPO VALVOLA**		**3**
131	**90.5345.00**	**ANELLO ANTIEST. D. 105.4x111.2x1.5**	**B-C**	**3**
132	**90.4146.00**	**OR D. 104.37x3.53 NBR 70SH 4412**	**B-C**	**6**
133	**65.2203.05**	**DISTANZIALE VALVOLA MANDATA**	**B**	**3**
135	**36.2151.05**	**GUIDA VALVOLA MANDATA**		**3**
136	**94.7745.00**	**MOLLA Dm. 56.0x57.3**		**3**
137	**36.2129.51**	**GUIDA INTERNA VALVOLA**		**3**
138	**36.2126.01**	**VALVOLA SFERICA**		**3**
139	**90.5340.00**	**ANELLO ANTIEST. D. 105.2x111.0x1.5**	**B-C**	**3**
140	**36.2121.56**	**SEDE VALVOLA DI MANDATA**		**3**
141	**90.5315.00**	**ANELLO ANTIEST. D. 89.4x95.2x1.5**	**C**	**3**
142	**90.4144.00**	**OR D. 88.50x3.53 NBR 70SH 4350**	**C**	**6**
143	**36.7253.01**	**GRUPPO VALVOLA DI MANDATA**	**B**	**3**
144	**65.2122.51**	**DISTANZIALE GUIDA VALVOLA**	**B**	**3**
145	**36.2130.05**	**GUIDA VALVOLA D'ASPIRAZIONE**		**3**
146	**94.7755.00**	**MOLLA Dm. 58.5x103.1**		**3**
147	**36.2128.51**	**GUIDA INTERNA VALVOLA**		**3**
148	**36.2127.01**	**VALVOLA SFERICA**		**3**
149	**36.2120.56**	**SEDE VALVOLA D'ASPIRAZIONE**		**3**
150	**90.5310.00**	**ANELLO ANTIEST. D. 89.2x95.0x1.5**	**C**	**3**
151	**36.7226.01**	**GRUPPO VALVOLA D'ASPIRAZIONE**	**B**	**3**
152	**98.2498.00**	**TAPPO CHIUSURA D. 90.0x10.0**		**2**
153	**10.7449.01**	**DISPOSITIVO APERTURA VALVOLE**		**3**
154	**99.4254.00**	**VITE M12x16 5931**		**2**
155	**65.2184.76**	**SUPPORTO CAPERCHIO SUPERIORE CARTER**		**1**
156	90.3914.50	OR D. 75.87x2,62 NBR 70SH 3300 - TRR50 TRR55	A-C	3
	90.3916.00	OR D. 82,22x2,62 NBR 70SH 3325 - TRR60	A-C	
	90.3799.00	OR D. 91.00x2.50 NBR 70SH - TRR65	A-C	
	90.3802.00	OR D. 100.00x2.50 NBR 70SH - TRR70 TRR75	A-C	
158	**93.1980.00**	**ROSETTA DI TENUTA D. 3/4"**		**1**
159	98.2265.00	TAPPO G 3/4"x16		1
	98.2268.50	TAPPO G 3/4"x16 PER SONDA D. 6 SS - ATEX		

DECLARATION OF INCORPORATION

(In accordance with Annex II of European Directive 2006/42/EC)

The manufacturer **INTERPUMP GROUP S.p.A. - Via E. Fermi, 25 - 42049 - S. ILARIO D'ENZA (RE) - Italy DECLARES** that the product identified and described as follows:

Designation:	Pump
Type:	Reciprocating plunger pump for high pressure water
Trademark:	INTERPUMP GROUP
Model:	SR50-SR55-SR60-SR65-SR70-SR75 / TR50-TR55-TR60-TR65-TR70-TR75 SRR50-SRR55-SRR60-SRR65-SRR70-SRR75 / TRR50-TRR55-TRR60-TRR65-TRR70-TRR75

Is found to comply with the Machinery Directive 2006/42/EC
Standards applied: UNI EN ISO 12100 - UNI EN 809

The pump identified above meets the following essential safety and health protection requirements as listed in section 1 of Annex I of the Machinery Directive:
1.1.1 - 1.1.2 – 1.1.3 – 1.1.5 – 1.1.6 - 1.3.1 – 1.3.2 – 1.3.3 – 1.3.4 – 1.5.4 – 1.5.5 – 1.6.1 – 1.7.1 – 1.7.2 – 1.7.4 – 1.7.4.1 – 1.7.4.2 and the relevant technical documentation has been compiled in accordance with Annex VII B.

In addition, following a motivated request the manufacturer undertakes to provide a copy of the relevant pump technical documentation in the manner and terms to be defined.

The pump must not be commissioned until the plant in which it is to be incorporated has been declared in to be in compliance with the provisions of the relevant directives and/or standards.

Person authorized to compile the technical file

Name: Maurizio Novelli
Address: INTERPUMP GROUP S.p.A. - Via E. Fermi, 25 - 42049 - S. ILARIO D'ENZA (RE) - Italy

The manager:
Reggio Emilia - January 2017

Ing. Massimiliano Bizzarri

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INTERPUMP GROUP

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