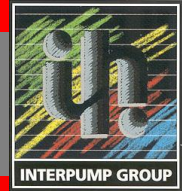


HT Series – High Temperature Technology

**INTERPUMP GROUP'S NEW PUMP LINE FOR CAR WASH
AND INDUSTRIAL APPLICATIONS UP TO 85°C (185° F)**



HT Series – High Temperature Technology



60 – 63 – 47 – 66 – 69 – 70 – 71 SERIES



**Pumps designed by the R&D Center INTERPUMP ENGINEERING
WIDE RANGE OF MODELS FOR CAR WASH AND INDUSTRIAL APPLICATIONS**

60 HT Series

**FOR WASHING SYSTEMS IN FOOD INDUSTRY
AND IN FLOOR CARE
(HARD SURFACES AND CARPETS)**



- Super Compact Professional
- HT Technology
- High temperature
(up to 85°C)

TWO MODELS

- 7 to 10 l/min.
- Perfect for small self-service
systems

63 HT Series



PERFECT FOR SELF-SERVICE

- Compact professional
- HT Technology
- High temperature
(up to 85°C)

THREE MODELS

- 11 to 15 l/min.

47 HT Series



TOP QUALITY FOR SELF SERVICE

- High reliability
- Heavy duty cycles
- HT Technology
- High temperature (up to 85°C)

FOUR MODELS

- 10 to 23 l/min.
- Perfect for self-service systems

66 HT Series

**TOP QUALITY FOR CONVEYORS
AND MULTIPLE GUN APPLICATIONS**

- HT Technology
- Heavy duty cycles
- High temperature
(up to 85°C)
- Industrial use

THREE MODELS

- 15 to 46 l/min.
- Pressure up to 250 bar



69 HT Series



TOP QUALITY

FOR CONVEYORS/TUNNELS

- HT Technology
- Heavy duty cycles
- High temperature
(up to 85°C)
- Industrial use

ONE MODEL

HT 6968

1000 R.P.M.

68 l/min.

70 HT Series



TOP QUALITY

FOR CONVEYORS/TUNNELS

- HT Technology
- Heavy duty cycles
- High temperature (up to 85°C)
- Industrial use

ONE MODEL

HT 7095

1350 R.P.M.

95 l/min.

71 HT SERIES



**TOP QUALITY
FOR CONVEYORS/TUNNELS**

- HT Technology
- Heavy duty cycles
- High temperature
(up to 85°C)
- Industrial Use

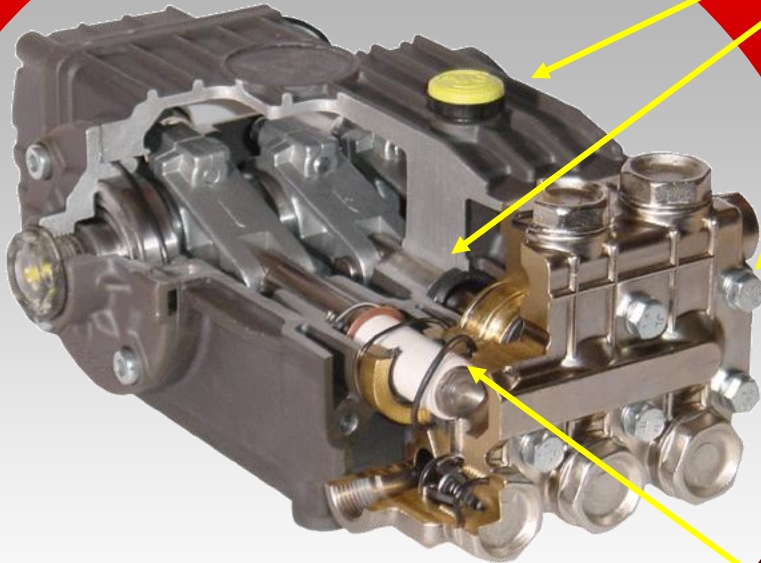
ONE MODEL

HT 71150

1000 R.P.M.

188 l/min.

Technical improvements



HT 47 SERIES

PREMIUM OIL SEALS

- On shaft and piston guides

MANIFOLD NICKEL PLATED ON ALL SURFACES

- Extra thick plating
- Corrosion resistant

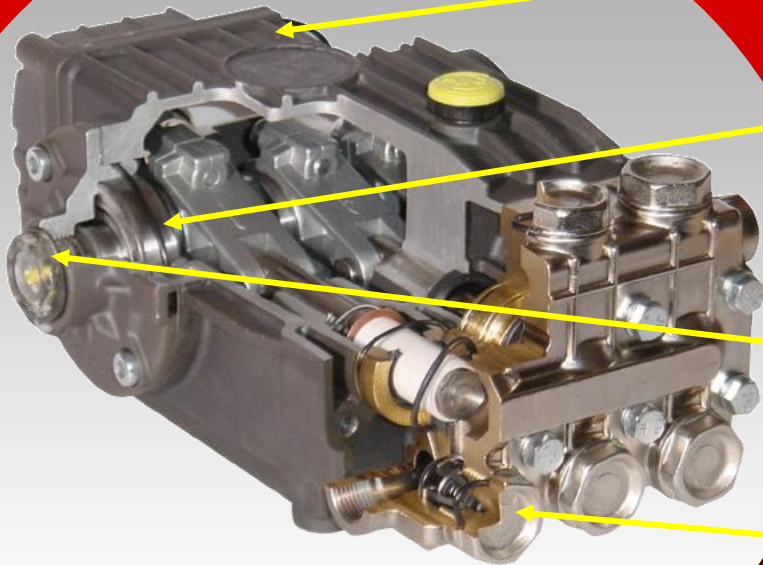
HARDER VALVE SEAT

- Helps cavitation control

22 MM. CERAMIC PLUNGER

- Reduces risks of cracking due to thermal shock

Technical improvements



HT 47 SERIES

RIBBED CRANKCASE

- Improves cooling

PREMIUM PERFORMANCE TAPER ROLLER BEARINGS

DUAL OIL SIGHT GLASS (rear and side)

NICKEL PLATED VALVE PLUGS

- Extra thick plating
- Corrosion resistant

HT – HIGH TEMPERATURE (85°C)

Special materials for seals and valves

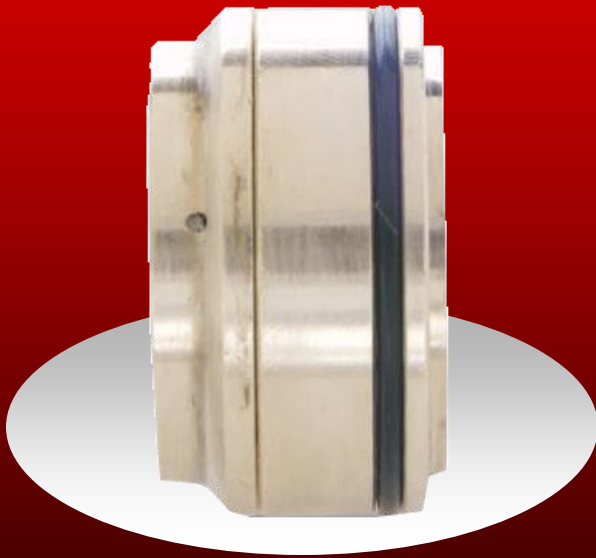
HT – HIGH TECH

Special solutions to reduce friction

New technology in hydraulic parts

New Technology

NEW SEAL PACK



- HT Technology
- Special on all HT Series pumps
 - High pressure seal
 - Intermediate ring
 - Low pressure seal
 - Packing retainer

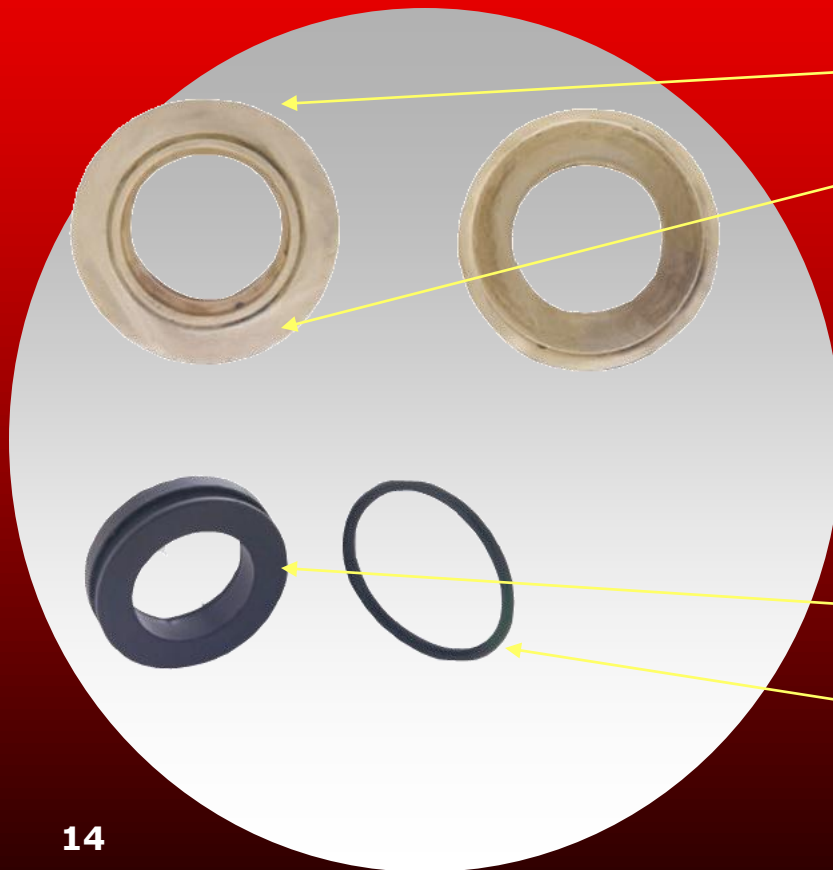
High Temperature (85°C)

INTERMEDIATE RING

- Improves the containment of the low pressure seal
- Optimizes the efficiency of the low pressure seal in the suction phase

HIGH PRESSURE SEAL

- Special compound
 - . PTFE (Teflon®) and graphite
 - . Energized stainless steel spring
 - . EPDM O-ring



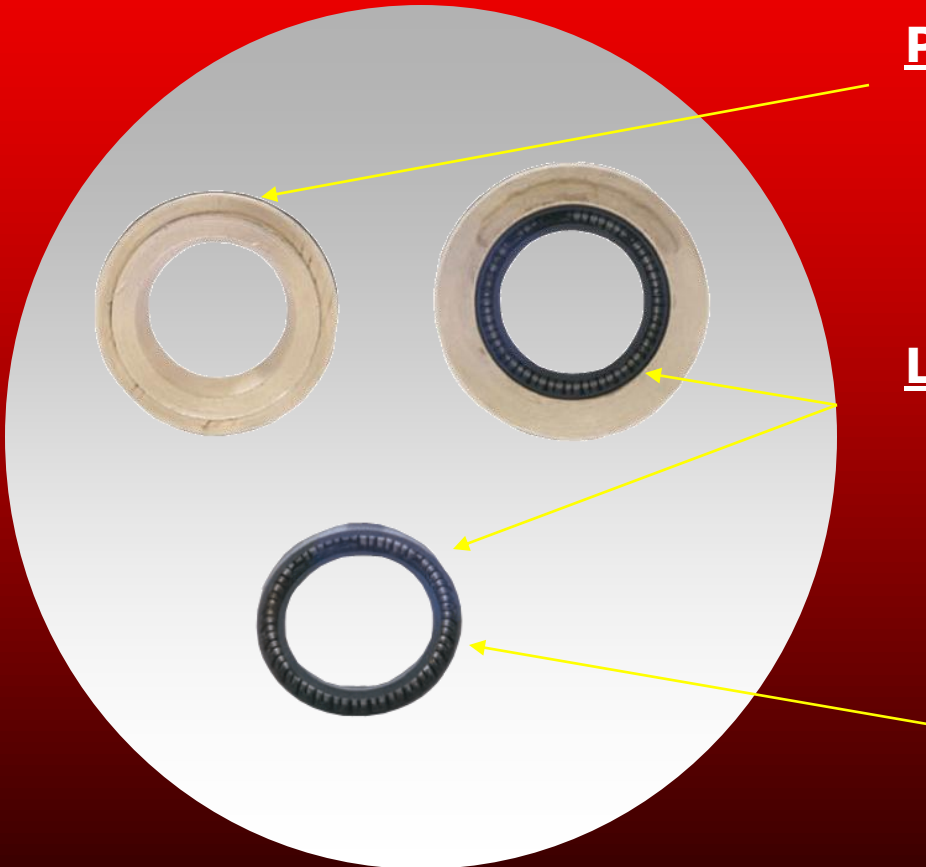
High Temperature (85°C)

PACKING RETAINER

- The tapered machining reduces friction with the piston (47 HT Series)

LOW PRESSURE SEAL

- Special compound
 - . PTFE (Teflon®) and graphite
 - . Reduces friction
- Energized stainless steel spring
 - . Prevents deformation
- "U" seal



High Temperature(85°C)

INTAKE/DELIVERY VALVES

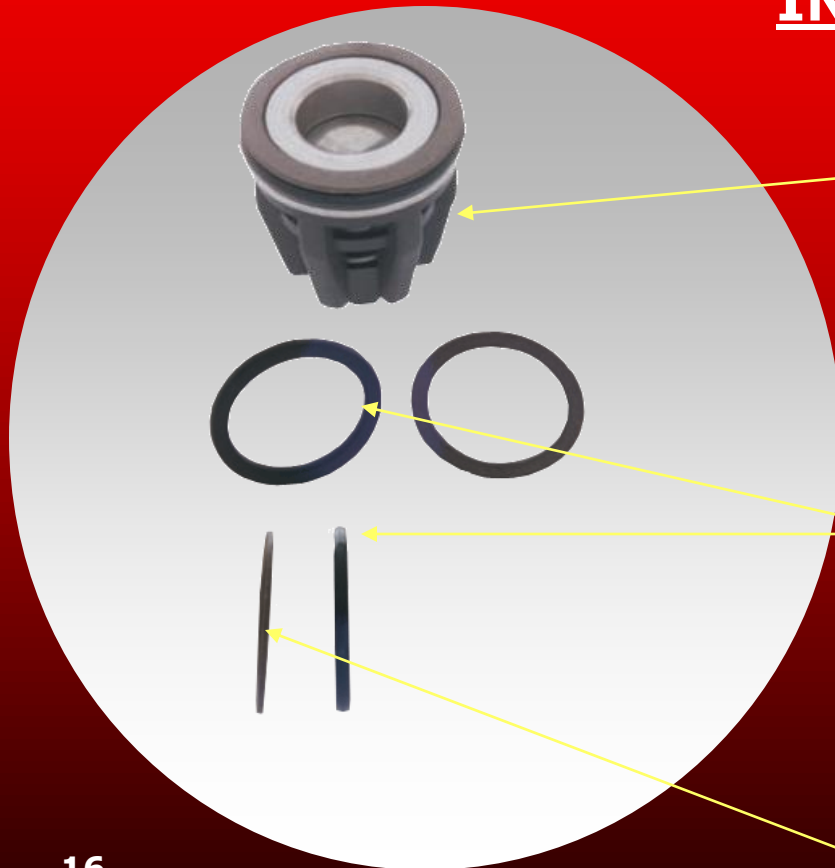
VALVE GUIDE

- New 6-ribs structure
 - . Stronger
 - . Resistant to high temperature
- New material for high temperature (85°C)

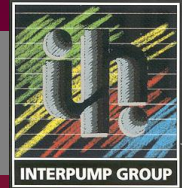
SPECIAL O-RING (HT 47)

- Easy assembly
- Better seal

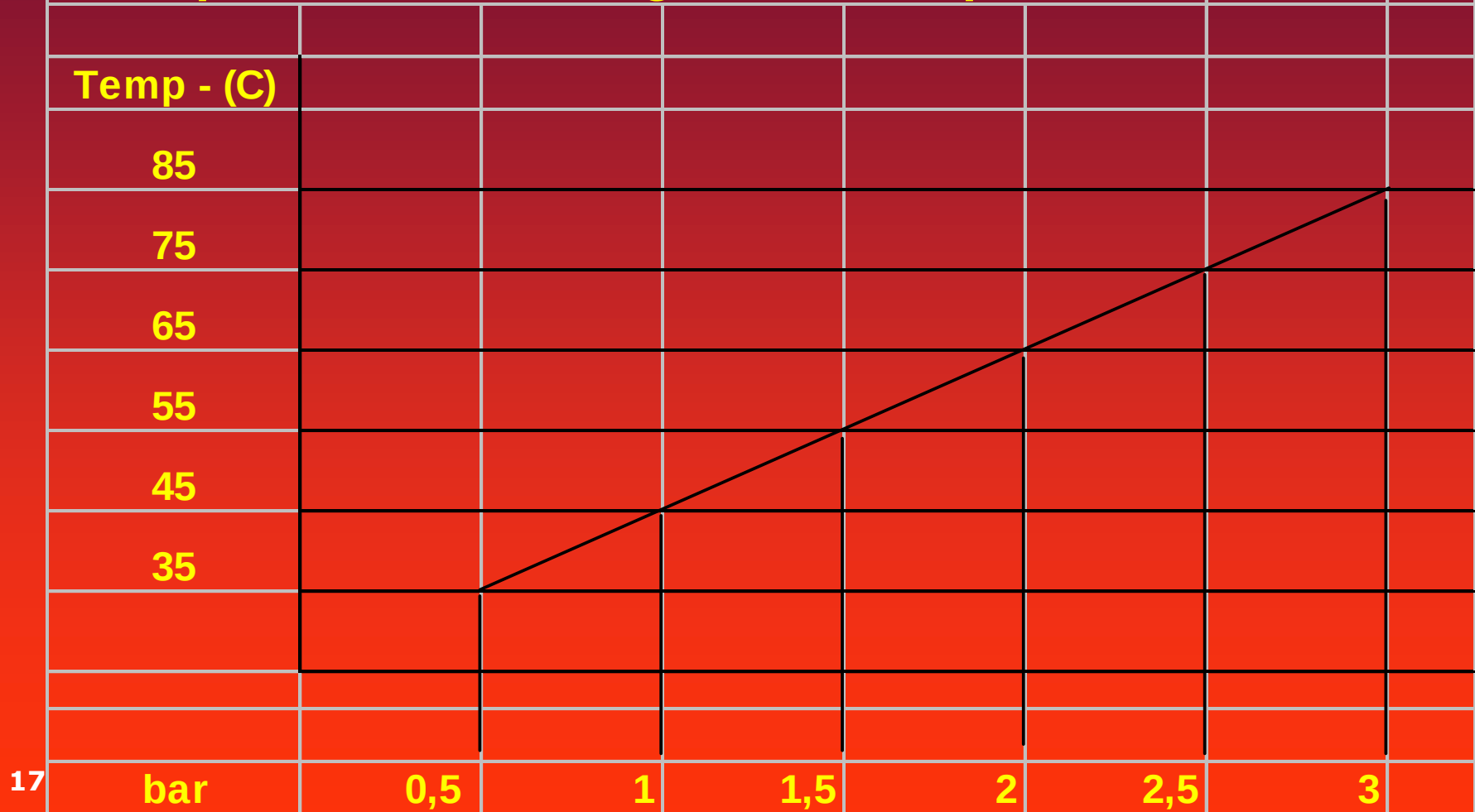
SUPPORT RING IN PTFE (TEFLON ®) AND BRONZE



HT Series – High Temperature Technology



Inlet pressure according to fluid temperature



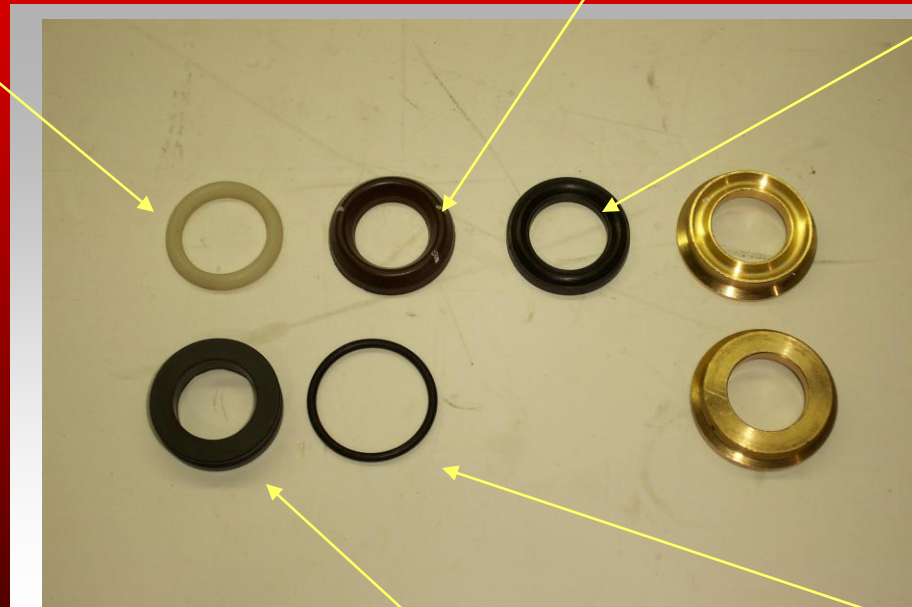
High pressure seal - comparison -

STANDARD TYPE:

Plastic head ring

Rubberized fabric
V-seal

Restop Ring



NEW TYPE :

Seal in PTFE (TEFLON®)
with precharge spring

EPDM
O-ring

Low pressure seal - comparison -

Standard type:
Rubber ring

V support ring
in rubberized fabric



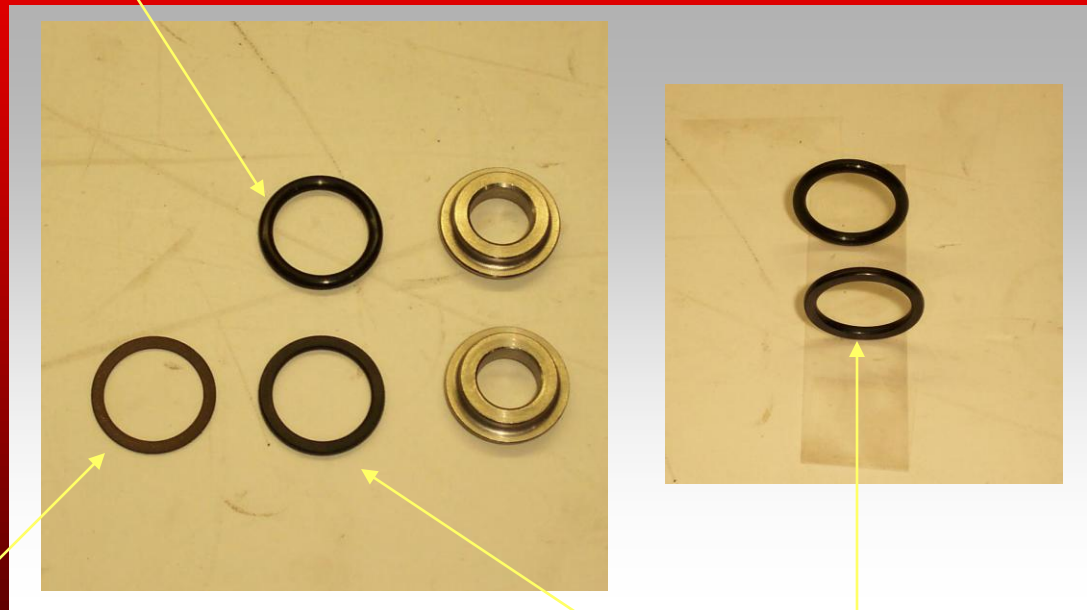
NEW TYPE :

Seal in PTFE (TEFLON®)
with precharge spring

Valve seal - comparison

Standard type : Standard O-ring

HT 47



New type:

Support ring in PTFE
(Teflon ®) and bronze

Specially shaped
O-ring

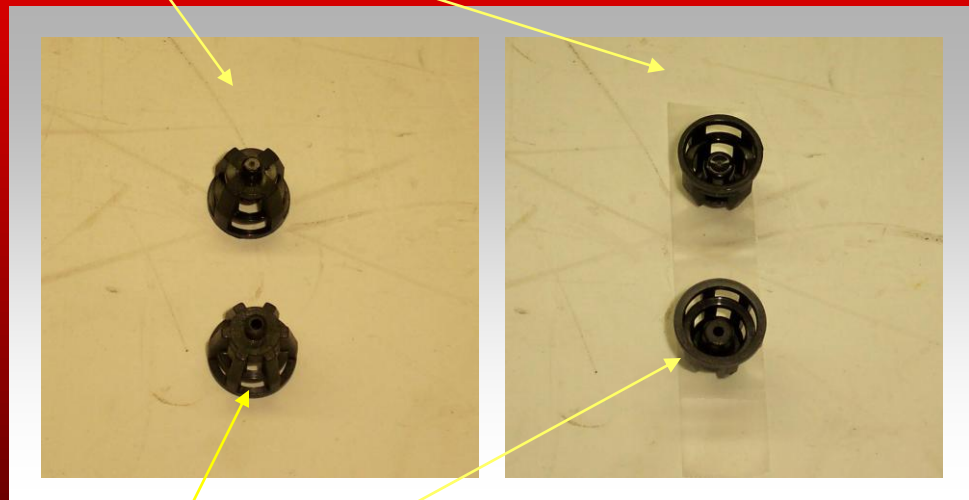
Valve Cage - Comparison

Standard type: Valve cage with 4 ribs

HT 63

HT 47

HT 66

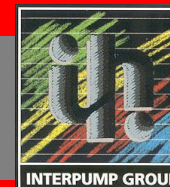


- Valve cage with 6 ribs
- Special Material for high temperatures

HT SERIES – Features and advantages

**NEW SEAL PACK AND NEW VALVES
“PREMIUM” TAPER ROLLER BEARINGS
NICKEL PLATED MANIFOLD AND VALVE CAPS**

- Maximum reliability at high temperature (85°C)
- Longer durability in case of abnormal dry running
- The seals with the longest life on the market
- Very high resistance to corrosion
- Significant reduction of maintenance



THE RANGE

	Pump type Type de pompe Pumpentype Tipo de bomba Tipo di pompa	Flow rate Débit Förderleistung Caudal Portata		Max. pressure Pression Druck Presión Pressione	r.p.m. tr./min. u.p.m. r/min. g./min.	Power Puissance Leistung Potencia Potenza		Weight Poids Gewicht Peso Peso		Dimensions Dimensions Dimension Dimensiones Dimensioni
		l/min.	G.P.M. (U.S.A.)	bar	p.s.i.	kW	hp	kg		mm
60.HT series	HT6007	7	1.85	150	2175	1450	2,00	2,72	6,05	193,5x202,5x125
	HT6008	8	2.11	150	2175	1450	2,29	3,12	6,05	193,5x202,5x125
		10	2.64	150	2175	1750	2,86	3,90		
63.HT series	HT6311	11	2.9	140	2030	1450	2,94	4	8,15	213,5x211x119,5
	HT6313	13	3.43	170	2465		4,04	5,5		
	HT6315	15	3.96	140	2030	1750	4,04	5,5	8,15	213,5x211x119,5
47.HT series	HT4715	15	3.96	160	2320	1450	4,56	6,2	14,5	315,5x254,5x146
		10	2.64	160	2320	950	3,05	4,15		
	HT4718	18	4.75	160	2320	1450	5,51	7,5		
		12	3.17	160	2320	950	3,67	4,99		
	HT4721	21	5.55	140	2030	1450	5,51	7,5		
		17	4.5	160	2320	1200	5,15	7		
		13	3.43	160	2320	950	3,97	5,4		
	HT4723	23	6.07	160	2320	1450	7,35	10		
		19	5	160	2320	1200	5,8	7,9		
		15	3.96	160	2320	950	4,58	6,23		
66.HT series	HT6628	28	7.4	250	3600	1750	13,38	18,2	18,5	340,5x248,5x159,5
		19	5	250	3600	1200	9,07	12,33		
		15	3.96	250	3600	950	7,35	10		
	HT6639	39	10.3	200	2900	1750	14,7	20		
		32	8.45	200	2900	1450	12,2	16,6		
	HT6646	46	12.15	170	2465	1750	14,7	20		
		38	10.04	200	2900	1450	14,51	19,74		
69.HT series	HT6968	68	18	80	1160	1000	11,02	15	25,8	360x300x210
70.HT series	HT 7095	95	25.0	70	1015	1350	12,7	17,3	37	387x340,5x196
		81	21.4	85	1230	1150	13,2	17,9		
		67	17.7	90	1300	950	11,5	15,7		
71.HT series	HT 71150	150	39.6	85	1230	800	24,3	33,1	73	526x367x252,5
		188	49.5	85	1230	1000	30,5	41,5		

Technical specifications are indicative and subject to change without notice.