

TECHNICAL DATA	JEXI 100 M	
Date: 2020-07-02	COD: av. on demand	
	From	
	Company Reference Address Phone Telefax E-mail	
	Reference Offer no.	

STAINLESS STEEL SELF-PRIMING ELECTRIC PUMPS

The self-priming centrifugal electric pumps series JEXI have been designed to pump clean water from wells, even if mixed with gas.

- Maximum suction up to 8-9 m
- Liquid temperature not higher than 35 °C for domestic use (CEI EN 60335-2-41) or 60 °C for other use, while the ambient temperature must not be higher than 40 °C
- Flow rate up to ~ 5 m³/h
- Heads up to ~ 50 m

 SEA LAND electric pumps		SEA-LAND S.R.L. (PD) ITALY www.sea-land.it			
Type			%	Ø	
H (rif.5)		m	Q (rif.5)	l/1'	
Hmin (rif.11) m		Hmax (rif.6) m	≥		
P2 (rif.2) HP		(rif.2) kW	(rif.1)		A
~ (rif.1)		V	Hz η		%
(rif.3) µF		V	IP (rif.9)	P1 (rif.4)	W
S/N			Ins.Cl.(rif.8)		Rpm
T. MAX FLUID.		°C	(rif.7)	kg ∇	m
Servizio continuo			Continuous duty		

GENERAL DESCRIPTION

Voltage = V...(ref. 1), Power = HP or KW... (ref. 2), Input power = [W]...(ref. 4), Capacitor = µF...(ref. 3), Input current = A... (ref. 1), Rate of flow = l/1'...(ref. 5), Head = m...(ref. 5), Weight and dimensions = kg... (ref.7), Insulation Class = ...(ref. 8), Protected to = IP...(ref. 9)

Sea-land reserves the right to make changes without prior notice

DATA SHEET

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TECHNICAL FEATURES

- Pump body: stainless steel AISI 304
- Motor bracket in die casting aluminium UNI 5076
- Diffuser, Nozzle & Venturi tube: Techno-polymer
- Impellers: stainless steel AISI 304 (Techno-polymer JEXI 53-62-82-100)
- Pump shaft: stainless steel AISI 304 (AISI 420F JEXI 53-62-82-100)
- Mechanical seal: carbon-ceramics

MOTOR

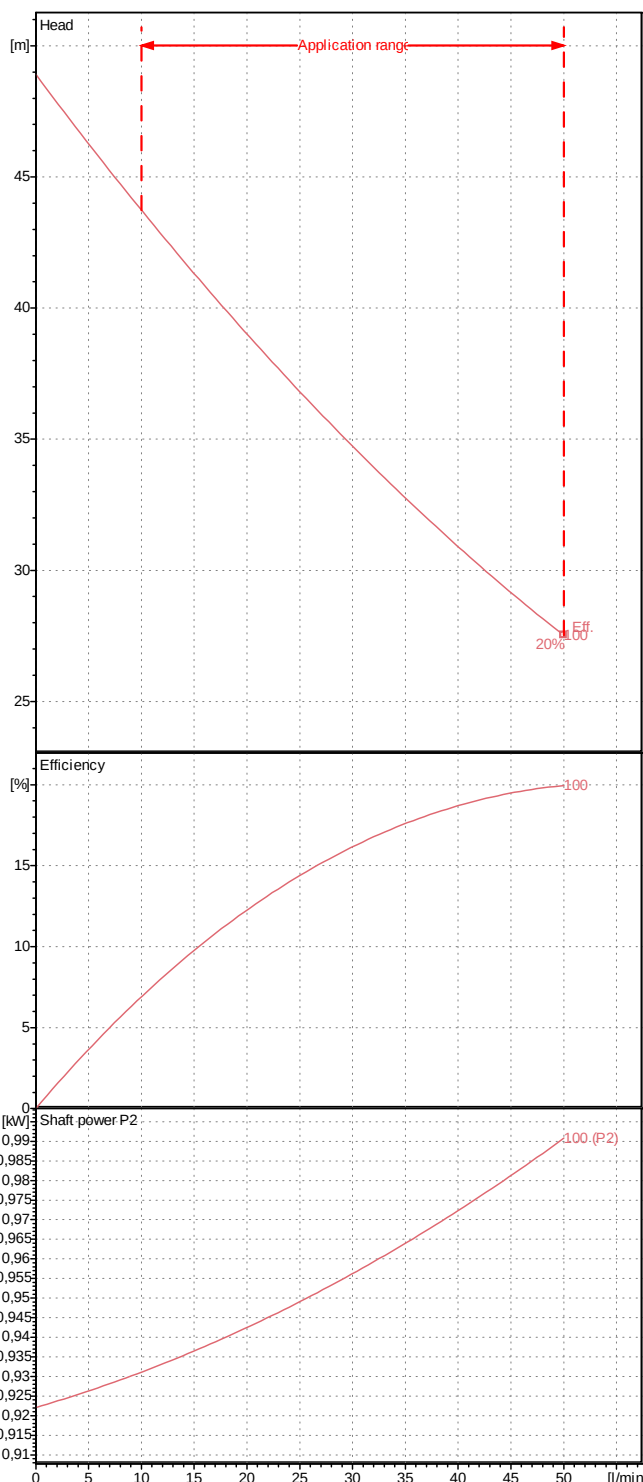
The control motors are asynchronous, squirrel cage-type, closed, with external ventilation.

- Incorporated motor protection and capacitor always on, for single-phase models
- The motor protection for three-phase models must be installed by the customer. Equipment compliant with current standards should be used
- Class of insulation: F
- Service: S1
- Degree of protection: IP 44
- Terminal board protection: IP 54

		SEA LAND S.r.l. (PD) ITALY www.sea-land.it			
Type	JEXI 100 M	20	%	Ø	
H	27.4 - 43.7	m	Q	50 l/min	- 10 l/min
Hmin	18	m	Hmax	48.9	m
P2	1	HP	0,74	kW	10
1~	110	V	50	Hz	η
70	μF	450	V	IP 44	P1
S/N		Ins.Cl.	F	2900	RPM
T. MAX FLUID.	35 °C	9.6	kg	∇	m
Servizio continuo		Continuous duty			

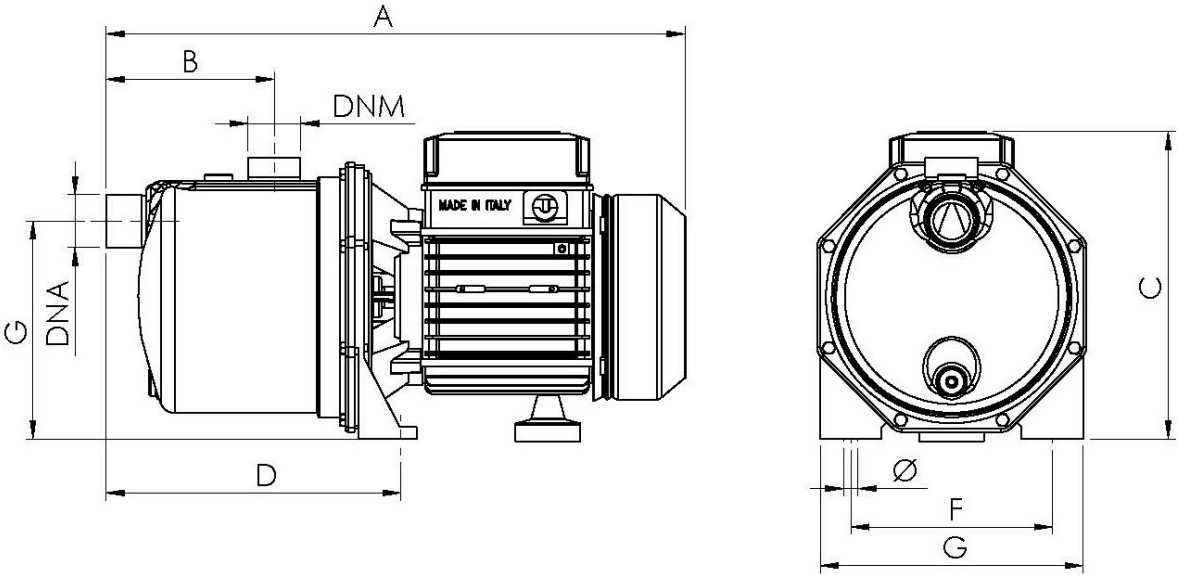
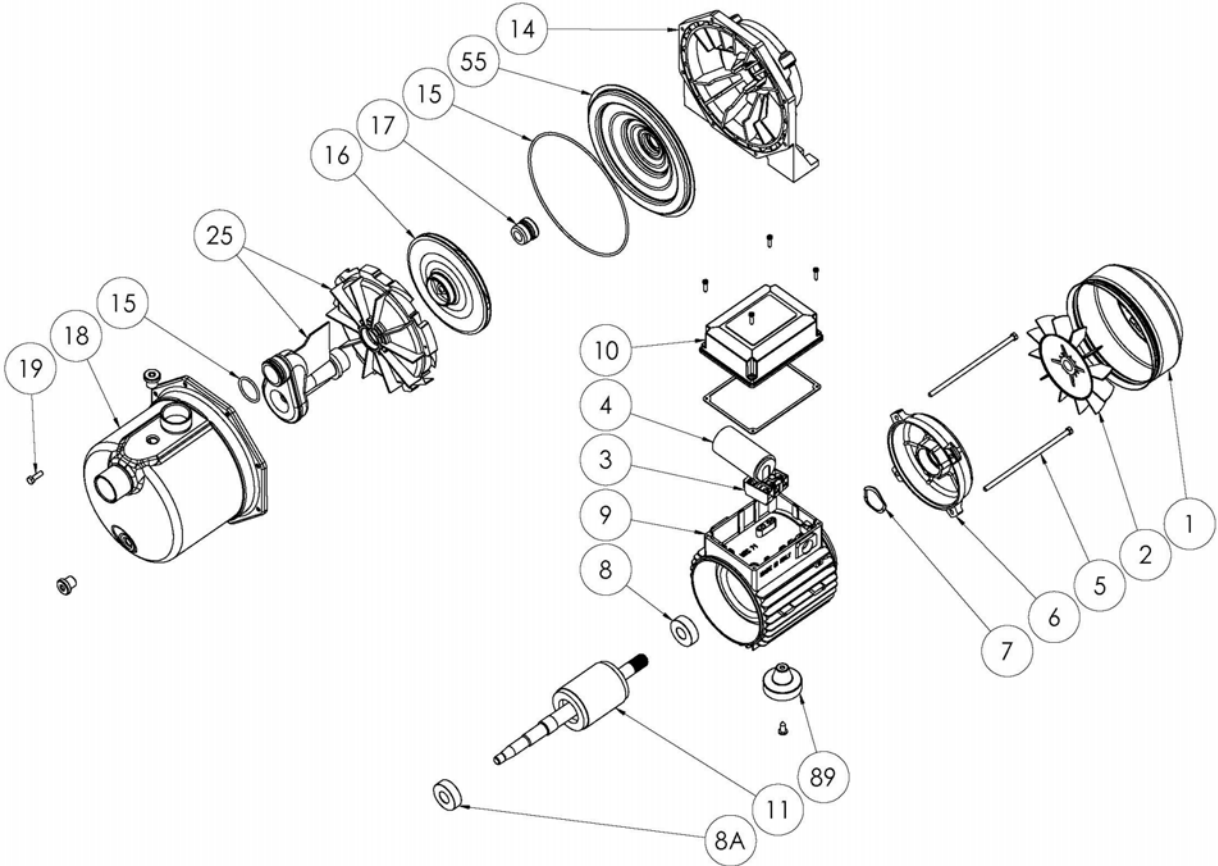
Tolerance of curves to ISO 9906 - grade 3B

Guarantee point = Best Efficiency Point: QBEP= 50 l/min HBEP=27,5 m



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DIMENSIONAL DATA	JEXI 100 M	
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TIPO <i>TYPE</i>	DIMENSIONI [mm] <i>DIMENSIONS [mm]</i>												IMBALLO [mm] <i>PACKING [mm]</i>			PESO <i>WEIGHT</i>		
	A	B	C	D	F	G	Ø	H					DNA	DNM	A	L	P	[kg]
JEXI 100 M	400	105	215	206	140	180	9	96					1"	1"	250	190	440	9.6

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