

Applications:

Elastomer bellows mechanical seals for a wide range of water pumps.
Short axial length, easy to assembly, cost effective.
Suitable for water and waste-water, domestic, civil, water booster, food processing, water treatment pumps



OPERATING CONDITIONS (LIMITS OF USE)

Maximum working pressure (bar)	6
Maximum speed (m/s)	10
Maximum working temperature (°C)	-20 ÷ +90
Fluid type	Clean water and fluids compatible with the construction materials not mechanically or chemically aggressive / corrosive

CONSTRUCTION MATERIALS

Part	Material
Elastomer parts (1)	EPDM rubber
Seal face (2)	Carbon graphite
Seat (2)	Alumina
Sping (3)	Stainless steel AISI 304
Other metal parts (3)	Stainless steel AISI 304

(1) available also in EPDM (+120 °C) and Viton® (+160 °C)

(2) available also in silicon carbide

(3) available also in stainless steel AISI 316

Shaft diameter (mm)	Seat diameter (mm)	Rotating part length (mm) ±0,5 mm	Static part length (mm)
10	26	11,0	5,5 or 8
11	26	11,0	5,5 or 8
12	26	13,0	5,5 or 8
13	26	13,0	5,5 or 8
15	29,5	13,0	8
16	29,5	13,0	8
17	29,5	13,0	8
18	42	13,0	8
19	42	13,0	8
20	42	13,0	8
22	45	13,0	10
24	50	14,0	10
25	50	14,0	10
28	57	15,5	10
30	57	15,5	10
32	57	15,5	10

Seals and Mechanical



- Lower Bellows Silicon Mechanical Seal (Rotating Ring)
- Lower Silicon Mechanical Seal (Fixed Ring)
- Lower Tungsten Carbide Mechanical Seal (Rotating Ring)
- Lower Bellows Silicon Mechanical Seal (Rotating Ring)
- Bellows Carbon Mechanical Seal (Rotating Ring)
- Lower Silicon Mechanical Seal (Fixed Ring)
- Twin Face Bellows Silicon Mechanical Seal (Rotating Ring)
- Lower Tungsten Carbide Mechanical Seal (Fixed Ring)
- Lower Silicon Mechanical Seal (Fixed Ring)
- Alumina Mechanical Seal (Fixed Ring)
- Upper Alumina Mechanical Seal (Fixed Ring)

In standard execution and specially made to custom's design to suit all fluids, pressures and temperatures.