



DESCRIPTION

TYPE M GS mechanical seal is inexpensive and applicable in domestic oil pumps, water and liquids in general.

d1	d3	d6	d7	L3	L4
mm	mm	mm	mm	mm	mm
10	20	14.0	18.1	15.18	5.50
11	22	16.5	20.6	18	5.50
12	22	16.5	20.6	18	5.50
13	25	18.5	23.1	22	6.00
14	25	18.5	23.1	22	6.00
15	29	21.5	26.9	23	7.00
16	29	21.5	26.9	23	7.00
17	29	21.5	26.9	23	7.00
18	33	24.5	30.9	24	8.00
19	33	26.0	30.9	25	8.00
20	33	26.0	35.4	25	8.00
21	38	29.0	35.4	25	8.00
22	38	29.0	35.4	25	8.00
23	38	29.0	35.4	27	8.00
24	38	29.0	35.4	27	8.00
25	40	31.5	38.2	27	8.50
28	46	37.5	43.3	30	9.00
29	46	37.5	43.3	30	9.00
30	46	37.5	43.3	30	9.00
32	46	37.5	43.3	30	9.00
33	48	45.0	53.5	39	11.50
35	50	45.0	53.5	39	11.50
38	58	52.0	60.5	39	11.50
40	58	52.0	60.5	39	11.50

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MECHANICAL SEAL GS- TYPE M

Recommended Applications

- Centrifugal pump and clean water pump.
- Other Rotating Equipment
- Centrifugal pump :



Features

- Conical spring, unbalanced, O-ring pusher construction
- Torque transmission via conical spring, independent of direction of rotation.
- Stamping construction in the metal parts

Operating range

- Pressure: $p=0..1.4\text{Mpa} - 203\text{psi}$
- Temperature $t = -30\text{ }^{\circ}\text{C} .180\text{ }^{\circ}\text{C} (-4^{\circ}\text{F to } 302^{\circ}\text{F})$
- Sliding velocity: $V_g \leq 13\text{m/s} - 42.6\text{ft/m}$

Combination Materials

- Rotary Face
 - Carbon graphite resin impregnated Ak
 - Silicon carbide (RBSIC) O
 - Hot-Pressing Carbon
- Stationary Seat
 - Aluminium oxide (Ceramic)
 - Silicon carbide (RBSIC) O
 - Tungsten carbide
- Auxiliary Seal
 - Nitrile-Butadiene-Rubber (NBR) 105°C
 - Fluorocarbon-Rubber (Viton) 204°C
 - Ethylene-Propylene-Diene (EPDM) 150°C
- Spring
 - Stainless Steel (SUS304)
- Metal Parts
 - Stainless Steel (SUS304)

Notes: The range of pressure, temperature and sliding velocity is depend on seals combination materials