



DESCRIPTION

Compact, elastomer bellows mechanical seals GS-Type 6 widely used in small power circulation pump, centrifugal pumps, jet pumps, swimming pool pumps and other small rotating shaft equipment

d1	d3	d7	L3	L4
INCH	mm	mm	mm	mm
3/8"	27.00	22.22	16.66	7.92
7/16"	27.00	25.40	16.66	7.92
1/2"	27.00	25.40	16.66	7.92
1/2"S	27.00	25.40	16.66	6.35
9/16"	30.90	31.75	18.24	10.31
5/8"	30.90	31.75	18.24	10.31
11/16"	34.10	34.93	18.24	10.31
3/4"	34.10	34.93	18.24	10.31
7/8"	42.80	38.10	20.62	10.31
1"	42.80	41.28	20.62	11.10

VITON is a registered trademark of DuPont.



MECHANICAL SEAL GS- TYPE 6

Recommended Applications

- Process pumps
- Industrial pumps
- Centrifugal pump
- Other Rotating Equipment

Features

- Single and elastomer bellows mechanical seal
- Bi-directional
- Easy and fast to change the seal parts
- GS-TYPE 6 Reliable in performance, longer service life.

Operating range

- Pressure: $p=0..0.05\text{Mpa} - 72.5\text{psi}$
- Temperature $t = -30\text{ }^{\circ}\text{C} .180\text{ }^{\circ}\text{C}(-4\text{ }^{\circ}\text{F to } 302\text{ }^{\circ}\text{F})$
- 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