



MONOLITHIC SILICON OR TUNGSTEN BODY !



DESCRIPTION

TYPE GS-M3N mechanical seal is inexpensive and applicable in domestic oil pumps, water and liquids in general.

| d | d3 | d7 | d6 | l3 | l4 |
|----|-----|----|-----|------|------|
| mm | mm | mm | mm | mm | mm |
| 12 | 21 | 19 | 23 | 16 | 10 |
| 14 | 23 | 21 | 25 | 16.5 | 10 |
| 16 | 26 | 23 | 27 | 18 | 10 |
| 18 | 29 | 27 | 33 | 19.5 | 11.5 |
| 20 | 31 | 29 | 35 | 22 | 11.5 |
| 22 | 33 | 31 | 37 | 21.5 | 11.5 |
| 24 | 35 | 33 | 39 | 23.5 | 11.5 |
| 25 | 36 | 34 | 40 | 26.5 | 11.5 |
| 28 | 40 | 37 | 43 | 26.5 | 11.5 |
| 30 | 43 | 39 | 45 | 26.5 | 11.5 |
| 32 | 46 | 42 | 48 | 28.5 | 11.5 |
| 33 | 47 | 42 | 48 | 28.5 | 11.5 |
| 35 | 49 | 44 | 50 | 28.5 | 11.5 |
| 38 | 53 | 49 | 56 | 33.5 | 14 |
| 40 | 56 | 51 | 58 | 36 | 14 |
| 43 | 59 | 54 | 61 | 38.5 | 14 |
| 45 | 61 | 56 | 63 | 39.5 | 14 |
| 48 | 64 | 69 | 66 | 46 | 14 |
| 50 | 66 | 62 | 70 | 45 | 15 |
| 53 | 69 | 65 | 73 | 47 | 15 |
| 55 | 71 | 67 | 75 | 49 | 15 |
| 58 | 76 | 70 | 78 | 55 | 15 |
| 60 | 78 | 72 | 80 | 55 | 15 |
| 65 | 84 | 77 | 85 | 55 | 15 |
| 70 | 90 | 83 | 92 | 67 | 18 |
| 75 | 98 | 88 | 97 | 62 | 18 |
| 80 | 100 | 95 | 105 | 61.8 | 18.2 |

MECHANICAL SEAL GS- TYPE M3N

Recommended Applications

- Centrifugal pump and clean water pump.
- Other Rotating Equipment
- Centrifugal pump
- Low solids content or viscous media.
- Sewage pumps, chemical pumps, screw pumps, process pumps.

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 $t = -30\text{ }^{\circ}\text{C} .180\text{ }^{\circ}\text{C} (-4\text{ }^{\circ}\text{F to } 302\text{ }^{\circ}\text{F})$
- 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 (SUS316)

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