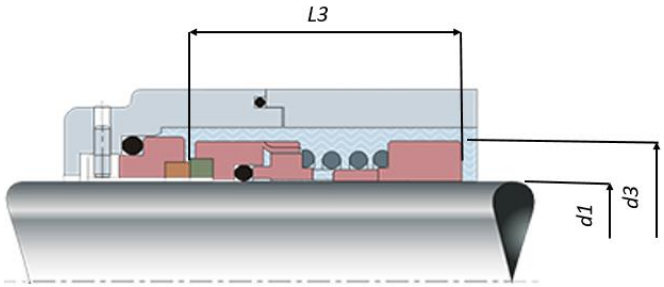

MECHANICAL SEAL GS- TYPE - 5OTL

DESCRIPTION

bi -directional mechanical seal , with torque fins for work in abrasive, withstands cold starts and change direction.

d1		d3		L3	
Inch	mm	Inch	mm	Inch	mm
5/8"	14	1,100	27.94	1,375	34.92
	16	1.100	2,794	1,375	34.92
3/4"	18	1.210	3,073	1,500	38.10
7/8"	20	1.350	3,429	1,500	38.10
	22	1.350	3,429	1,500	38.10
1"	24	1.538	3,906	1,500	38.10
	25	1.538	3,906	1,500	38.10
1-1/8"	28	1.732	44.00	1,562	39.68
1-1/4"	30	1.811	4,600	1,687	42.85
	32	1.811	4,600	1,687	42.85
1-3/8"	33	1.975	5,016	1,750	44.45
	35	1.975	5,016	1,750	44.45
1-1/2"	38	2.100	5,334	1,750	44.45
1-5/8"	40	2.226	5,654	1,750	44.45
1-3/4"	43	2.390	6,070	1,750	44.45
	45	2.390	6,070	1,750	44.45
1-7/8"	48	2.515	6,388	1,875	47.62
2"	50	2.639	6,703	1,937	49.20
2-1/8"	54	2.765	7,023	2,062	52.37
2-1/4"	55	2.890	7,340	2,062 52.37	52.37
	58	3.054	7,757	2,250	57.15
2-3/8"	60	3.054	7,757	2,250	57.15
2-1/2"	63	3.229	82.01	2,250	57.15
2-5/8"	65	3.445	87.50	2,312	58.73
2-3/4"	68	3.500	88.90	2,312	58.73
	70	3.500	88.90	2,312	58.73
2-7/8"	73	3.662	9,300	2,562	65.07
3"	75	3.767	9,568	2,750	69.85
3-1/8"	78	3.843	9,761	2,750	69.85
3-1/4"	82	4.017	10,203	2,750	69.85
3-3/8"	83	4.272	10,850	2,750	69.85
3-1/2"	85	4.272	10,850	2,750	69.85
	88	4.272	10,850	2,750	69.85
3-5/8"	92	4.606	117.00	3,500	88.90
3-3/4"	93	4.606	117.00	3,500	88.90
3-7/8"	95	4.606	117.00	3,500	88.90
	98	4.780	12,141	3,500	88.90
4"	100	5.022	12,755	3,625	92.07

VITON is a registered trademark of DuPon.

Recommended Applications

- Centrifugal pump and clean water pump.
- Centrfigugal pump
- Fluid pump pulp.
- Other Rotating Equipment

Features

- Strong torque system the change of direction.
- GS- TYPE – 5OTL, is bi-directional.
- The spring Is not jammed.
- Self-cleaning spring.
- Easy installation.
- O-Ring pusher construction
- Low risk of clogging in solids content or viscous

Operating range

- Pressure: p=0..1.4Mpa – 203psi
- Temperature t = -30 °C .180 °C(-4°F to 302°F)
- Sliding velocity: Vg≤13m/s- 42.6ft/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 preesure,temperature and sliding velocity is depend on seals combination materials