



DESCRIPTION

A general service seal with simplicity of design and construction that improves interchangeability and selection.

d		d3		l3	
Inch	mm	Inch	mm	Inch	mm
1"	24	1,562	39.67	1,000	25.40
	25	1,562	39.67	1,000	25.40
1-1/8"	28	1,687	42.84	1,062	26.97
1-1/4"	30	1,875	47.62	1,062	26.97
	32	1,875	47.62	1,062	26.97
1-3/8"	33	2,000	50.80	1,125	28.57
	35	2,000	50.80	1,125	28.57
1-1/2"	38	2,125	53.97	1,125	28.57
1-5/8"	40	2,375	60.32	1,375	34.92
1-3/4"	43	2,500	63.50	1,375	34.92
	45	2,500	63.50	1,375	34.92
1-7/8"	48	2,625	66.67	1,375	34.92
2"	50	2,750	69.85	1,375	34.92
2-1/8"	54	3,000	76.20	1,687	42.84
2-1/4"	55	3,125	79.37	1,687	42.84
2-3/8"	58	3,250	82.55	1,687	42.84
	60	3,250	82.55	1,687	42.84
2-1/2"	63	3,375	85.72	1,687	42.84
2-5/8"	65	3,500	88.90	1,687	42.84
2-3/4"	68	3,625	92.07	1,687	42.84
	70	3,625	92.07	1,687	42.84
2-7/8"	73	3,750	95.25	1,687	42.84
3"	75	3,812	96.82	1,687	42.84
3-1/8"	78	3,937	100.00	1,687	42.84
3-1/4"	82	4,125	104.78	1,687	42.84
3-3/8"	83	4,250	107.95	1,687	42.84
	85	4,250	107.95	1,687	42.84
3-1/2"	88	4,375	111.12	1,687	42.84
3-5/8"	92	4,500	114.30	1,687	42.84
3-3/4"	93	4,625	117.48	1,687	42.84
	95	4,625	117.48	1,687	42.84
3-7/8"	98	4,750	120.65	1,687	42.84
4"	100	4,875	123.82	1,687	42.84

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Kalrez®

MECHANICAL SEAL GS- TYPE – 80

Recommended Applications

- Chemical industry
- Oil refining and petrochemical industry
- Process Pumps
- Other Rotating Equipment

Features

- Strong torque system the change of direction.
- GS- TYPE – 800, is bi-directional.
- The multi - spring.
- Positive set screw drive.
- Easy installation.
- O-Ring pusher construction

Operating range

- Pressure: p=0..2Mpa – 310psi
- Temperature t = -30 °C .180 °C(-4°F to 302°F)
depending on the elastomer
- Sliding velocity: Vg≤13m/s- 42.6ft/m
3600rpm

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