

FSPO, FPO/FSPT, FPT

Balanced Pusher Seals



Product Description

1. Single seal configuration.
2. Multi spring rotating.
3. Inside mounted.
4. Balanced.
5. For plain and stepped shafts

Technical Features

1. Works under low stuffing box pressure
2. Easy Installation.
3. Can be used either inside or outside mounted depending on pressures and size of stuffing box

Industrial Application

Water and waste water technologies
Oil Industries
General chemicals and Clear liquids

Material Of Construction

Seal Face: Carbon Graphite Antimony Impregnated/Carbon Graphite Resin Impregnated/Silicon -Carbide/Tungsten - Carbide

Seal: Carbon Graphite Antimony Impregnated Carbon Graphite Resin Impregnated/Silicon - Carbide/Tungsten -Carbide

Elastomer: Viton / Aflas / TTV / EPDM / Kalrez

Metal Parts: SS.316 / Hast'C /

Note: Other MOC Combinations On Request

Available Sizes

10mm to 115mm (0.375" to 4.500")

Note: Other Sizes On Request

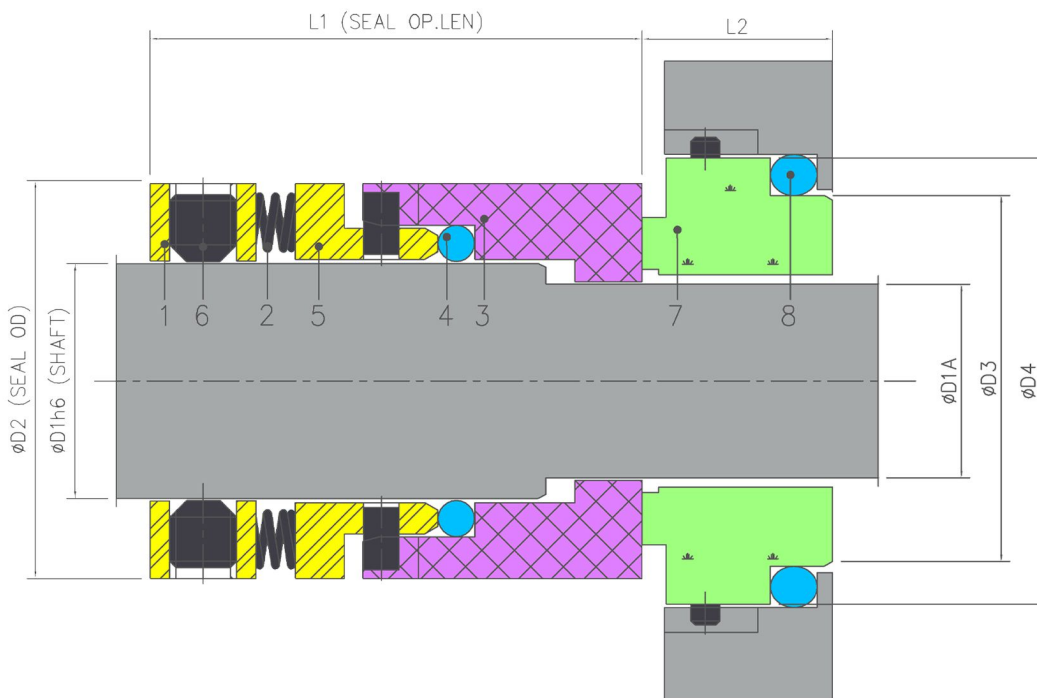
Operating Limits

Pressure = 40kgs/cm² (Max)

Temperature = -20°C to + 200°C

Speed = 23m/s

Permissible Axial Movement= ±1.0mm



Item	Description
1	Cup
2	Spring
3	Seal ring
4	O ring

Item	Description
5	Follower
6	Set screw
7	Matting ring
8	O ring

Dimensional Data

D1	D1A	D2	D3	D4	L1	L2
22.0	18.0	36.0	27.0	33.0	35.5	18.5
24.0	20.0	38.0	29.0	35.0	35.5	18.5
26.0	22.0	40.0	31.0	37.0	35.5	18.5
28.0	24.0	42.0	33.0	39.0	37.5	19.0
30.0	25.0	44.0	34.0	40.0	37.5	19.0
33.0	28.0	47.0	37.0	43.0	40.0	19.0
35.0	30.0	49.0	39.0	45.0	40.0	19.0
38.0	32.0	54.0	42.0	48.0	40.0	19.0
38.0	33.0	54.0	42.0	48.0	40.0	19.0
40.0	35.0	56.0	44.0	50.0	40.0	19.0
43.0	38.0	59.0	49.0	56.0	39.5	22.0
45.0	40.0	61.0	51.0	58.0	39.5	22.0
48.0	43.0	64.0	54.0	61.0	39.5	22.0
50.0	45.0	66.0	56.0	63.0	39.5	22.0
53.0	48.0	69.0	59.0	66.0	39.5	22.0

D1	D1A	D2	D3	D4	L1	L2
55.0	50.0	71.0	62.0	70.0	42.0	24.5
58.0	53.0	78.0	65.0	73.0	42.0	24.5
60.0	55.0	80.0	67.0	75.0	42.0	24.5
63.0	58.0	83.0	70.0	78.0	46.5	25.0
65.0	60.0	85.0	72.0	80.0	46.5	25.0
68.0	63.0	88.0	75.0	83.0	46.5	25.0
70.0	65.0	90.0	77.0	85.0	46.5	25.0
75.0	70.0	95.0	83.0	92.0	51.0	28.0
80.0	75.0	100.0	88.0	97.0	51.0	18.0
85.0	80.0	105.0	95.0	105.0	51.0	28.0
90.0	85.0	110.0	100.0	110.0	56.0	28.0
95.0	90.0	115.0	105.0	115.0	56.0	28.0
100.0	95.0	120.0	110.0	120.0	56.0	28.0
105.0	100.0	125.0	115.0	125.0	56.0	28.0

Note: Additional technical & dimensional information will be provided on request