



DELTA MECHANICAL SEAL COMPONENTS

EXTERNAL BALANCED SEAL

STYLE 1400



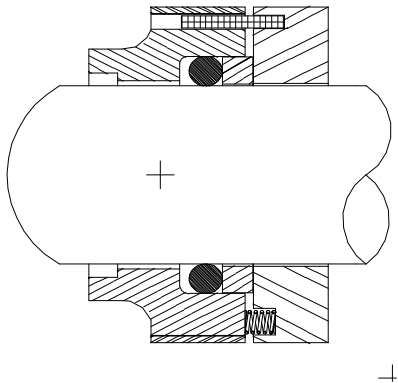
Technical Features

Preassembled with clips for ease of installation.

Designed for use with non-metallic pumps as no metal parts are in contact with process fluids.

Clamp style drive collar designed for use with non-metallic pump sleeves or shafts.

External mounted design allows visual inspection for face wear and required replacement.



Application Data

Shaft speed: To 3600 RPM

Pressure: To 150 PSI

Temperature: See O-ring limitations

Materials

Metal Parts: 316SS

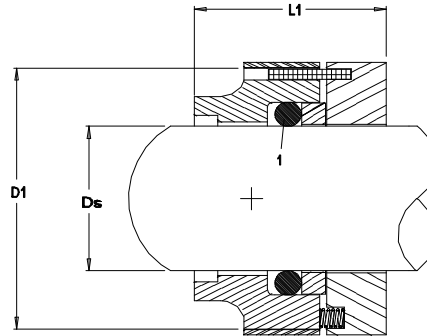
Springs: Hastelloy "C"

Faces: Carbon, Ceramic, Glass Filled Teflon

Elastomers: Aflas, EPR, Kalrez, Teflon

DIMENSIONAL DATA FOR DELTA SEAL STYLE 1400

SIDE VIEW



DS Seal Size	D1 Sleeve OD	D2 Min	D2 Max	D3 Gland OD	D4 Gland Flat	A Min. Bolt Circle by Stud Size				S Slot Width	L1 Outside Length	L2 Inside Length	L3 Gland Length	Pos. 1 Oring	Pos. 2 Oring	Pos. 3 Oring	Pos. 4 Oring	Pos. 5 Oring	Pos. 6 Oring
						3/8"	1/2"	5/8"	3/4"										
1.125	2.150									1.500			320						
1.250	2.275									1.500			322						
1.375	2.400									1.500			324						
1.500	2.525									1.500			325						
1.625	2.650									1.500			325						
1.750	2.775									1.500			326						
1.875	2.900									1.500			327						
2.000	3.025									1.500			328						
2.125	3.150									1.500			329						
2.250	3.275									1.500			330						
2.375	3.400									1.500			331						
2.500	3.525									1.500			332						
2.625	3.650									1.500			333						
2.750	3.775									1.625			334						
2.875	3.900									1.625			335						
3.000	4.025									1.625			336						
3.125	4.150									1.625			337						
3.250	4.275									1.625			338						
3.375	4.400									1.625			339						
3.500	4.525									1.625			340						
3.625	4.650									1.625			341						
3.750	4.775									1.625			342						
3.875	4.900									1.625			343						
4.000	5.025									1.625			345						
4.125	5.150									1.625			346						
4.250	5.275									1.625			347						
4.375	5.40									1.625			348						
4.500	5.525									1.625			349						
4.625	5.650									1.625			350						
4.750	5.775									1.625			351						
4.875	5.900									1.625			352						

Distributed By:

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