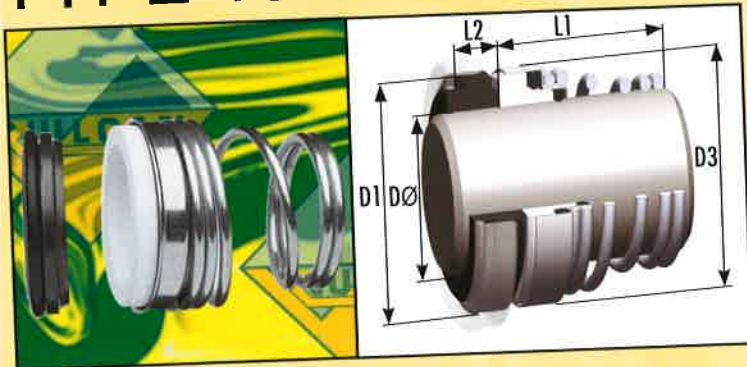




TYPE 13DIN



'O'-Ring mounted, conical spring, shaft directional dependent seal, with pressed stainless steel head retainer and 'O'-Ring mounted seal and stationary faces.

Seal and seat faces can be readily changed and replaced. Supplied with Type 13DIN stationary as standard, to suit DIN housing dimensions.

Simple but effective, economical design makes this seal suitable for a wide variety of lighter and general duty applications.

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VULCAN STANDARD SIZES

Metric Shaft Size DØ	Size Code	D1	D3	L1	L2
10	0100	21.00	19.50	15.00	7.00
12	0120	23.00	22.00	18.00	7.00
14	0140	25.00	24.00	22.00	7.00
16	0160	27.00	26.00	23.00	7.00
18	0180	33.00	32.00	24.00	10.00
20	0200	35.00	32.70	25.00	10.00
22	0220	37.00	36.00	25.00	10.00
24	0240	39.00	37.40	27.00	10.00
25	0250	40.00	38.00	27.00	10.00
28	0280	43.00	42.00	29.00	10.00
30	0300	45.00	44.00	30.00	10.00
32	0320	48.00	45.50	30.00	10.00
33	0330	48.00	46.50	39.00	10.00
35	0350	50.00	49.00	39.00	10.00
38	0380	56.00	56.00	42.00	13.00
40	0400	58.00	58.00	42.00	13.00

All types, sizes and materials shown are part of Vulcan's Guaranteed Ex-Stock Range, unless marked with an asterisk*. However, the asterisked seal and / or seat face materials are stocked in many, but not all, sizes.

Suggested Operating Limits

Maximum Operating Pressure Limits primarily depend upon Face Materials, Shaft Size, Speed and Media. Please refer to the Seal Type Specific PV Chart, found at the front of this Brochure Section, in combination with the Vulcan Multiplying Factors found in Technical and Material Standards Section 2.

GUARANTEED STOCK MATERIALS AND FACE MATERIAL CODE					
Seal And Seat Assembly		Rotary Face		Stationary Face	
Face Reference Term	Code	Material	Code	Material	Code
SOFT	B	99% Ceramic	B	M106K Carbon	P
SOFT VS HARD	X	Non-standard: Please use alternative shown here or enquire			
HARD VS SOFT	T	VES2 RB SIC	S	M106K Carbon	P
HARD	S	VES2 RB SIC	S	VES2 RB SIC	S
HARD 1st ALT	H	Tungsten Carbide*	H	Tungsten Carbide*	H
Guaranteed Stock Elastomers: Viton®, E.P. and Nitrile				Guaranteed Stock Metallurgy: 304SS	

Please refer to the Technical and Material Standards Section for advice and information on... of materials, guaranteed stock policies and more advice on operating limits.