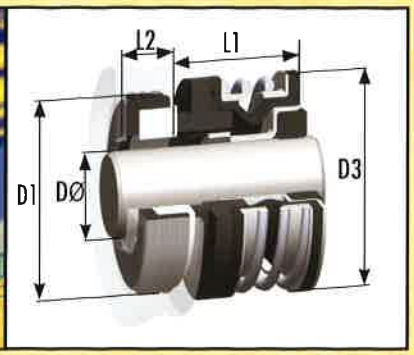
TYPE 60



Sleeve mounted, rubber bellows seal, of compact unitised designed, with elastomer shaft drive ring.

Effective design and easily installed, this is a common seal for low pressure, general duty applications on small diameter shafts. Supplied as standard with boot mounted Stationaries, but also available with 'O'-Ring mounted Stationaries to the same installation dimensions.

VULCAN STANDARD SIZES

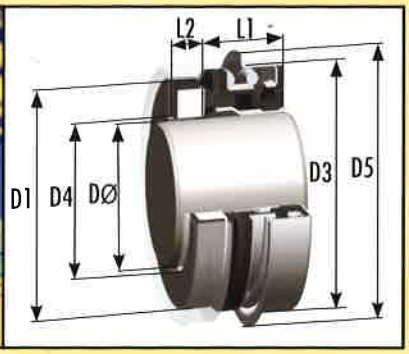
IMPERIAL SHAFT SIZE DØ	SIZE CODE	D1		D3		L1		L2	
		Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
0.375	0095	0.875	22.23	0.937	23.80	0.631	16.02	0.244	6.20
0.500	0127	1.000	25.40	1.062	26.97	0.654	16.60	0.244	6.20
0.625	0158	1.250	31.75	1.218	30.94	0.737	18.71	0.405	10.29
0.750	0191	1.375	34.93	1.343	34.11	0.737	18.71	0.405	10.29
1.000	0254	1.625	41.28	1.732	44.00	0.812	20.63	0.437	11.10

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	C	M106K Carbon	C	99% Ceramic	A
SOFT VS HARD	D	M106K Carbon	C	VES2 RB SiC	S
HARD VS SOFT	G	VES2 RB SIC	S	99% Ceramic	A
HARD	S	VES2 RB SIC	S	VES2 RB SIC	S
Guaranteed Stock Elastomers: Viton®, E.P. and Nitrile				Guaranteed Stock Metallurgy: 304SS	

TYPE 70



Stationary based, unitised elastomer bellows seals, utilised in small shaft diameter applications. Compact, unitised design, provides excellent flexibility in accommodating shaft mis-alignment and with quality seal face materials, to extend seal performance and life. The adequate shaft clearance enables one size to be used on a number of shaft sizes, whilst being stationary based increases the seals bi-directional rotational speed capabilities.

VULCAN STANDARD SIZES

IMPERIAL SHAFT SIZE DØ	SIZE CODE	D1		D3		D4		D5		L1		L2	
		Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
0.500	0127	0.984	25.00	1.124	28.56	0.559	14.20	1.248	31.70	0.520	13.20	0.197	5.00
0.625	0158	1.220	31.00	1.435	36.45	0.717	18.20	1.625	41.27	0.583	14.80	0.197	5.00
0.750	0191	1.378	35.00	1.575	40.00	0.843	21.40	1.720	43.70	0.610	15.50	0.197	5.00
1.125	0286	1.890	48.00	2.047	52.00	1.220	31.00	2.250	57.15	0.748	19.00	0.315	8.00

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	C	M106K Carbon	C	99% Ceramic	A
SOFT VS HARD	D	M106K Carbon	C	VES2 RB SiC	S
HARD VS SOFT	G	VES2 RB SIC	S	99% Ceramic	A
HARD	S	VES2 RB SIC	S	VES2 RB SiC	S
Guaranteed Stock Elastomers: Viton®, E.P. and Nitrile				Guaranteed Stock Metallurgy: 304SS	

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.

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