



Vulcan Seals Type 41

Hidrostal®

Technical Data Sheet



Product Description

The **Vulcan Seals Type 41 Hidrostal®** highly robust, balanced multi-spring seal to replace Hidrostal® "X"-Type seals. The Vulcan Seals Type 41 Hidrostal® can also be used as an alternative to the rubber-encased "M"-Type seal.

Seal sizes 0286 to 0762 feature a boot-mounted stationary; sizes 0800 to 1000 feature a centrally mounted 'O'-ring stationary, while 1200 size has an L-profile 'O'-ring stationary with anti-rotation provision.

Why Choose the Vulcan Seals Type 41 Hidrostal®?

The **Vulcan Seals Type 41 Hidrostal®** is intended as both the media-facing impeller position seal and the bearing oil chamber seal.

The ****Vulcan Seals Type 41 Hidrostal®**** offers the design benefits of the Vulcan Seals Type 40 rotary with a boot-mounted stationary, to suit the specific seal chamber dimensions.

Pump Ranges

The Hidrostal® pump model includes the following pump ranges: Hidrostal® models with relevant size "M" and "X" type seals fitted. Other OEM seal types can be fitted, please see also Vulcan Seals Types 11, Vulcan Seals Types 68 and Vulcan Seals Types 194 for more information.

Compliance & Certificates



The Vulcan Seals mechanical seal range can be supplied with material combinations designed to meet the compliance standards and certifications listed above. Additional compliance or regulatory requirements can also be considered upon request. Please enquire to discuss your specific application.

Standard Face Material Combinations

Complete Material Code	Rotary Face	Elastomers	Stationary Face	Metals
.V.SS.	VSR1 Silicon Carbide	Viton™/FKM	VSR1 Silicon Carbide	316 Stainless Steel
.N.I.	VSR1 Silicon Carbide	Nitrile	VTN1 Tungsten Carbide	316 Stainless Steel

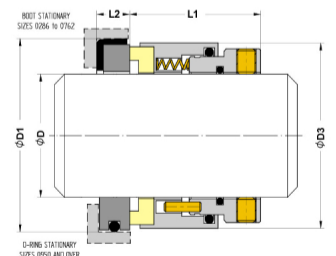
Dimensional Data

DØ (Imperial)	OEM Ref.	D1 (mm)	L1 (mm)	Seal Size Code	L2 (in)	L2 (mm)	D1 (in)	DØ (Metric)	L1 (in)	D3 (mm)	D3 (in)
1.125	M1.1	44.44	30.00	0286	0.319	8.10	1.750	28.58	1.181	42.90	1.732
1.500	M1.5	53.98	31.60	0381	0.319	8.10	2.125	38.10	1.244	52.80	2.157
2.000	M2.0, X2.0	69.85	38.10	0508	0.500	12.70	2.750	50.80	1.500	65.60	2.661
2.500	M2.5, X2.5	85.73	46.02	0635	0.562	14.28	3.375	63.50	1.812	78.30	3.082
3.000	M3.0, X3.0	98.43	52.37	0762	0.625	15.88	3.875	76.20	2.062	93.70	3.689
3.150*	-	105.00	44.30	0800	0.781	19.84	4.134	80.00	1.744	100.00	3.937
3.740*	X095	123.85	62.90	0950	0.649	16.50	4.876	95.00	2.477	112.80	4.441
3.937*	X100	123.85	48.30	1000	0.500	12.70	4.876	100.00	1.902	117.50	4.692
4.724*	X120	142.88	48.30	1200	0.500	12.70	5.625	120.00	1.902	141.60	5.575

Please note, size code "0200" for OEM "G020K" is Vulcan Seals Type 19B and "G020KZ" is Vulcan Seals Type 194M.

Dimensions in mm and inches

*Non-stock guarantee



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** All dimensional and identification information shown is given in good faith and is based on extensive experience gained in business. Performance data is not provided for this product range based on the Vulcan Seals design being a replacement of, or an improvement on, a design that has originally proved suitable for the equipment and service concerned.