



Vulcan Seals Type 194

Hidrostal®

Technical Data Sheet



Product Description

The **Vulcan Seals Type 194 Hidrostal®** robust rubber bellows seals can replace the Hidrostal® "G" type seals. Seal sizes 0286 and above are supplied with a steel back washer, to separate the seal bellows from the shaft circlip.

Size code 0200 to replace OEM seal code "G020K" is a standard Vulcan Seals Type 19B seal.

Why Choose the Vulcan Seals Type 194 Hidrostal®?

The **Vulcan Seals Type 194 Hidrostal®** is intended as both the media-facing impeller position seal and the bearing oil chamber seal.

Pump Ranges

The Hidrostal® pump model includes the following pump ranges: Hidrostal® models with relevant size "G" type seals fitted. Other OEM seal types can be fitted, please see also Vulcan Seals Types 11, Vulcan Seals Types 41 and Vulcan Seals Types 68 for more information.

Compliance & Certificates



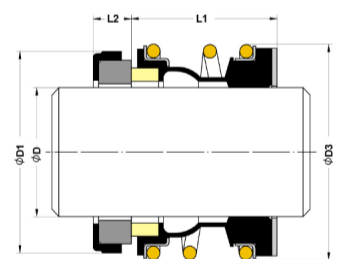
The Vulcan Seals mechanical seal range can be supplied with material combinations designed to meet the compliance standards and certifications listed above. Additional compliance or regulatory requirements can also be considered upon request. Please enquire to discuss your specific application.

Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Material Code
Viton™/FKM	VSS1 Silicon Carbide	VSR1 Silicon Carbide	304 Stainless Steel	.V.SS.

Dimensional Data

DØ (Imperial)	DØ (Metric)	Seal Size Code	D1 (in)	D1 (mm)	D3 (in)	D3 (mm)	L1 (in)	L1 (mm)	L2 (in)	L2 (mm)	OEM Ref.
0.625	15.88	0158	1.187	30.14	1.102	28.00	0.875	22.23	0.405	10.28	G016, M0.6
0.787	20.00	0200	1.500	38.10	1.417	36.00	1.181	30.00	0.394	10.00	G020
0.787	20.00	0200	1.378	35.00	1.594	40.50	0.846	21.50	0.295	7.50	G020K
0.787	20.00	0200	1.500	38.10	1.594	40.50	0.846	21.50	0.405	10.28	G020KZ
1.125	28.58	0286	1.750	44.44	1.850	47.00	1.062	26.97	0.437	11.10	G1.1
1.500	38.10	0381	2.125	53.98	2.283	58.00	1.125	28.58	0.437	11.10	G1.5
2.000	50.80	0508	2.750	69.85	2.795	71.00	1.500	38.10	0.500	12.70	G2.0
2.500	63.50	0635	3.375	85.73	3.543	90.00	1.812	46.02	0.562	14.28	G2.5
3.000	76.20	0762	3.875	98.43	4.016	102.00	2.062	52.37	0.625	15.88	G3.0
3.740	95.00	0950	4.876	123.85	5.157	131.00	2.067	52.50	1.059	26.90	G095
3.937*	100.00	1000	4.876	123.85	5.157	131.00	2.067	52.50	1.059	26.90	G100



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.