



Vulcan Seals Type 11  
Hidrostal®  
Technical Data Sheet



Product Description

The **Vulcan Seals Type 11 Hidrostal®** parallel spring diaphragm bellows seal is a popular general industry range seal. Certain sizes are utilized as the bearing-side seal in Hidrostal® pumps fitted with tandem seals, replacing the “C”-Type OEM seals.

The Vulcan Seals Type 1511 can also be used as an alternative to the "C"-Type seal as they have equivalent fitting dimensions. All sizes feature a boot-mounted stationary. View the Vulcan Seals Type 11 datasheet for the full range of sizes available and more in-depth technical information

Why Choose the Vulcan Seals Type 11 Hidrostal®?

The **Vulcan Seals Type 11 Hidrostal®** seals are fitted in the inner oil bath position. Product side seals are either a rubber bellows type seal or rubber-encased seal which can be replaced by our Vulcan Seals Type 41 Hidrostal®.

Pump Ranges

The Hidrostal® pump model includes the following pump ranges: Hidrostal® models with relevant size "C" and "V" type seals fitted. Other OEM seal types can be fitted, please see also Vulcan Seals Types 41, Vulcan Seals Types 68 and Vulcan Seals Types 194 for more information.

Compliance & Certificates



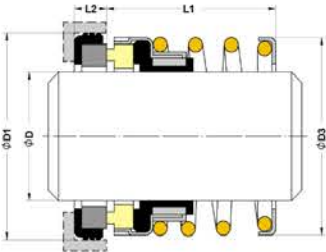
Also available with built materials that adhere to the above compliance standards and certificates. Please enquire about your requirements.

Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Seal Code
Viton™/FKM	VCP1 Carbon	VAW1 Ceramic	304 Stainless Steel	.V.C.
Nitrile	VCP1 Carbon	VAW1 Ceramic	304 Stainless Steel	.N.C.

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	1.188	30.15	1.063	27.00	0.992	25.19	0.288	7.31	C0.6 , V0.6
0.875	22.23	0222	1.500	38.10	1.315	33.40	0.937	23.80	0.405	10.28	C0.8
0.984	25.00	0250	1.594	40.50	1.543	39.20	1.000	25.40	0.406	10.32	C025
1.125	28.58	0286	1.750	44.45	1.823	46.30	1.062	26.97	0.437	11.10	C1.1 , V1.1
1.375	34.93	0349	2.000	50.80	2.071	52.60	1.125	28.58	0.437	11.10	C1.3
1.500	38.10	0381	2.125	53.98	2.197	55.80	1.125	28.58	0.437	11.10	C1.5
2.000	50.80	0508	2.750	69.85	2.874	73.00	1.500	38.10	0.500	12.70	C2.0
2.500	63.50	0635	3.375	85.73	3.343	84.90	1.812	46.02	0.562	14.28	C2.5
3.000	76.20	0762	3.875	98.43	4.043	102.70	2.062	52.37	0.625	15.88	C3.0



Dimensions in mm  
\*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.