



Vulcan Seals Type 1688Z  
S.P.X. Johnson®  
Technical Data Sheet



Product Description

The Vulcan Seals Type 1688Z S.P.X. Johnson® ‘O’-ring mounted wave spring seals are available with bi-elastomeric stationaries, to suit “Top Lobe®” series lobe rotor pumps.

Please note; We offer other specific design seals to suit SPX Johnson pumps, such as our Vulcan Seals Type 1649 to suit “Top Wing®” and our Vulcan Seals Type 1698 to suit “SQ®” series pumps.

Please contact us with your requirements and for stock availability on these.

Why Choose the Vulcan Seals Type 1688Z S.P.X. Johnson®?

The Vulcan Seals Type 1688Z S.P.X. Johnson® is a single wave-spring seal with distinctive bi-elastomeric (twin ‘O’-Ring) stationaries located into the stationary recess of this range of rotary lobe pumps. Each pump will require two seals, one for each drive shaft to the twin rotary lobes.

Pump Ranges

The S.P.X. Johnson® pump model includes the following pump ranges: “TL-Series” rotary lobe pumps.

Compliance & Certificates



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

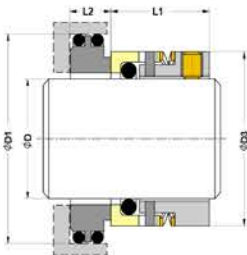
Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Seal Code
EP	VTN2 Tungsten Carbide	VTN1 Tungsten Carbide	304 Stainless Steel	.E.H.
EP	304 Stainless Steel	VCP1 Carbon	304 Stainless Steel	.E.P.

Dimensional Data

DØ (Metric)	Seal Size Code	D1 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	OEM Ref.
30.00	0300	48.00	41.00	19.10	10.30	TL 1
35.00	0350	55.00	45.50	19.10	12.00	TL 2
50.00	0500	72.00	61.90	21.10	12.00	TL 3

Dimensions in mm  
\*Non-stock guarantee



® ™ All product names, brands and trademarks shown are property of their respective owners, are for identification purposes only, and do not imply affiliation nor endorsement.

\*\* 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.