



Vulcan Seals Type 29  
S.P.X.® A.P.V.®  
Technical Data Sheet



Product Description

The **Vulcan Seals Type 29 S.P.X.® A.P.V.®** is an elastomer diaphragm single spring seal to suit former “Pasilac Rosista®” brand ZM® series pumps.

The **Vulcan Seals Type 29 S.P.X.® A.P.V.®** design features a rubber boot to the stationary to improve sealing performance on worn housings compared to the original metal-to-metal stationary design.

Suitable for food, dairy, and beverage process fluid transfer duties.

**Why Choose the Vulcan Seals Type 29 S.P.X.® A.P.V.®?**

The **Vulcan Seals Type 29 S.P.X.® A.P.V.®** is a popular elastomer diaphragm seal with a positive drive from the seal spring drive end.

The Vulcan Seals stationary features an elastomer ribbed boot seal into the pump housing which greatly increases the security of the seal compared to the press-in metal-to-metal seal of the original design seal.

Pump Ranges

The S.P.X.® A.P.V.® pump model includes the following pump ranges: Former "Pasilac Rosista®" brand "ZM®" series pumps.

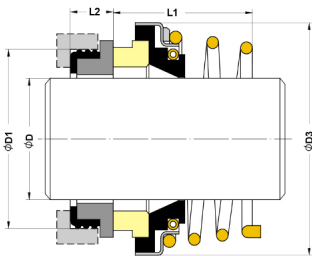
Standard Face Material Combinations

Elastomers	Rotary Face	Stationary Face	Metals	Complete Seal Code
EP	VCP1 Carbon	304 Stainless Steel	304 Stainless Steel	.E.Q.
Nitrile	VCP1 Carbon	304 Stainless Steel	304 Stainless Steel	.N.Q.
EP	VSS1 Silicon Carbide	VSS1 Silicon Carbide	304 Stainless Steel	.E.S.
Nitrile	VSS1 Silicon Carbide	VSS1 Silicon Carbide	304 Stainless Steel	.N.S.
EP FDA/EC1935 GRADE	VCD1 Carbon	316 Stainless Steel	316 Stainless Steel	.E.DQ.
EP FDA/EC1935 GRADE	VSS1 Silicon Carbide	VSS1 Silicon Carbide	316 Stainless Steel	.E.R.*

Dimensional Data

DØ (Metric)	Seal Size Code	D1 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	OEM Ref.
20.00	0200	30.00	40.60	30.00	9.80	ZMA, ZMB, ZMH1 & 2, ZMK1 & 2
25.00	0250	35.00	45.40	31.00	9.80	ZMS3, ZMS4
30.00	0300	42.00	57.00	40.00	13.00	ZMH4, ZMK3, ZMD

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.