



Vulcan Seals Type 1638

Ytron®

Technical Data Sheet



Product Description

The Vulcan Seals Type 1638 is an O-ring mounted, set-screw driven specific dimension seal range intended to suit common Ytron® brand in-line mixers. The Vulcan Seals Type 1638 is a design alternative that is intended to replace OEM seals with both "-KC" and "-KS" suffix part codes.

Unlike the original seals, the Vulcan Seals rotary design is a complete unit that can easily be handled and installed in the equipment. The setting length of the rotary is reached when the back edge of the seal head is in-line with the first step on the seal sleeve. The Vulcan Seals Type 1638 feature monolithic tungsten carbide stationary rings as standard, to optimise resilience, wear resistance and seal life.

Why Choose the Vulcan Seals Type 1638 Ytron®?

- A close alternative to the original but featuring Vulcan Seals design and material benefits that provide an easier to handle and install mechanical seal with improved seal face loading to improve sealing performance without altering the installation process
- Available with a range of face and elastomer materials highly suited to the most common applications of these pump ranges.

Pump Ranges

The Ytron® pump model includes the following equipment ranges: "Y", "Z", "ZX" and "XC"

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.H.	VTN2 Tungsten Carbide	Viton™/FKM	VTN1 Tungsten Carbide	316 Stainless Steel
.V.DH.	VCD1 Carbon	Viton™/FKM	VTN1 Tungsten Carbide	316 Stainless Steel

Dimensional Data

OEM Ref.	D1 (mm)	L1 (mm)	Seal Size Code	L2 (mm)	DØ (Metric)	D3 (mm)
D02025	47.00	23.30	0250	5.70	25.00	40.50
D02030	52.00	28.60	0300	6.30	30.00	50.00
D02040	72.00	32.50	0400	8.70	40.00	61.50

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.