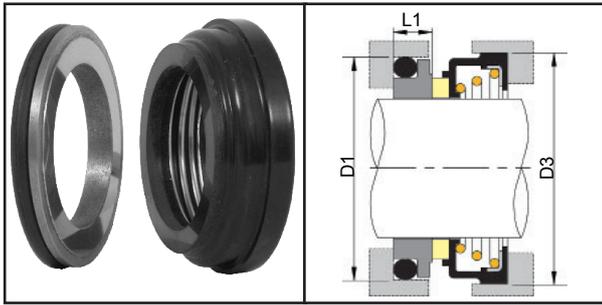




# VULCAN® SEALS TO SUIT HAIGH® / I.M.O.®

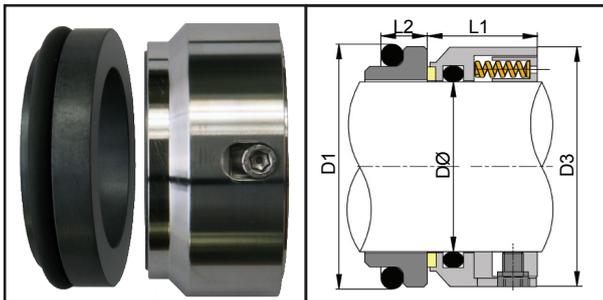
## VULCAN® TYPE 28 TO SUIT HAIGH® MACERATORS N F 304



Vulcan manufacture and stock 1.1/4" rotaries, and 1.3/4" complete seals, to suit Haigh® macerators. Rotaries have Carbon faces with Nitrile elastomers, complete seals have a Ni-Resist cast iron stationary with a Nitrile 'O'-Ring.

SHAFT SIZE DØ	SIZE CODE	D1	D3	L1
1.500	0317	N/A	57.50	N/A
1.750	0444	67.00	70.00	7.50

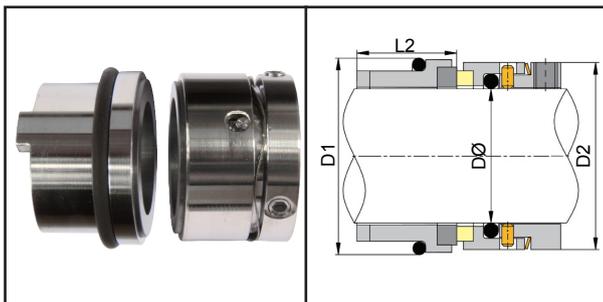
## VULCAN® TYPE 1620 TO SUIT HAIGH® MACERATORS V S 304



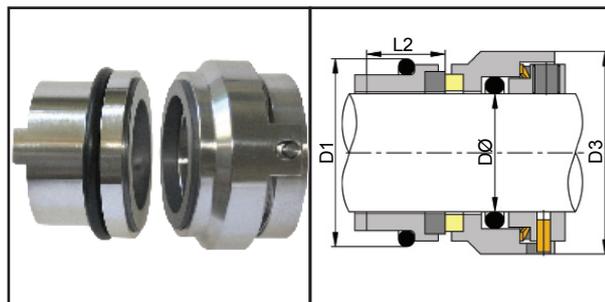
Vulcan manufacture and stock 42mm complete multi-spring 'O'-Ring mounted seals with 'O'-Ring mounted seats to suit Haigh® macerators.

SHAFT SIZE DØ	SIZE CODE	D1	D3	L1	L2
42.00	0420	62.00	65.00	30.15	14.10

## VULCAN® TYPE 1689 TO SUIT I.M.O.® PUMPS V S 304



## VULCAN® TYPE 1690 TO SUIT I.M.O.® PUMPS V S 304



### VULCAN® SEALS TO SUIT I.M.O.® PUMPS

Vulcan manufacture and stock a wide range of standard dimension seals to suit I.M.O.® pumps, commonly found in marine applications.

To replace the five-part O.E.M. seal supplied for ACE series pumps, generations 3 and above, Vulcan have designed the following seals, which offer a standard configuration seal with a rotary and a stationary, which is far easier to install than the original O.E.M. seal.

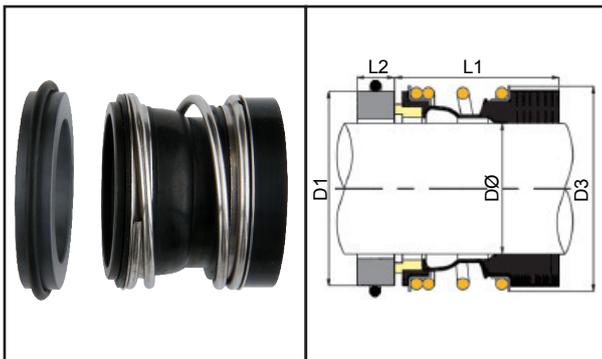
To replace O.E.M. seal types "T" and "Q" please use Vulcan Type 1689.

To replace O.E.M. seal types "U" and "V" please use Vulcan Type 1690.

For other I.M.O.® requirements, please contact us with details.

SHAFT SIZE DØ	SIZE CODE	D1	D2	D3	L2
22.00	0220	35.00	33.00	38.00	23.50

## VULCAN® TYPE 144 TO SUIT KOLMEKS® PUMPS E D 304



Vulcan manufacture and stock a range of rubber bellows seals with distinctive 'O'-Ring mounted stationaries, to suit Kolmek's® A-, L-, N- and T- series circulating pumps. These pumps are also seen with other brand names, such as Armstrong®, Pullen® and I.T.T. Flygt®.

SHAFT SIZE DØ	SIZE CODE	D1	D3	L1	L2
12.00	0120	22.22	22.00	25.40	5.50
18.00	0180	30.15	32.00	24.50	8.00
25.00	0250	36.73	39.00	25.40	8.00
32.00	0320	46.00	46.00	30.15	8.50
40.00	0400	58.00	56.00	36.00	9.00