



## Vulcan Seals Type 1688Y

S.P.X. Johnson®

Technical Data Sheet



### Product Description

The **Vulcan Seals Type 1688Y S.P.X. Johnson®** 'O'-ring mounted wave spring seals, with a very distinctive seat outer profile. 30mm size stationary has a single semicircular anti-rotation slot, other sizes have three flat anti-rotation slots.

Vulcan Seals also offers Vulcan Seals Type 1682Y S.P.X. Johnson® in 30mm and 35mm sizes, featuring a standard Vulcan Seals Type 1682 rotary with the **Vulcan Seals Type 1688Y S.P.X. Johnson®** stationary, which maybe the preferred option for these shaft sizes.

Suitable for Rotary lobe pumps, for highly viscous fluids and pastes in food and dairy industries.

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

The **Vulcan Seals Type 1688Y S.P.X. Johnson®** features the popular Vulcan Seals Type 1688 rotary with a unique and distinctive stationary profile to locate 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: "IC®" and "PD®" series lobe rotor pumps. Each pump requires two identical seals, one for each shaft.

### 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

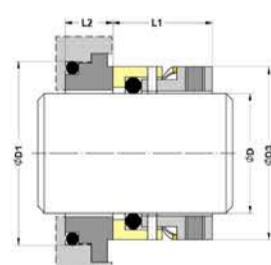
| Elastomers | Rotary Face           | Stationary Face       | Metals              | Complete Seal Code |
|------------|-----------------------|-----------------------|---------------------|--------------------|
| EP         | 304 Stainless Steel   | VCP1 Carbon           | 304 Stainless Steel | .E.P.              |
| EP         | VTN2 Tungsten Carbide | VTN1 Tungsten Carbide | 304 Stainless Steel | .E.H.              |
| Viton™/FKM | 304 Stainless Steel   | VCP1 Carbon           | 304 Stainless Steel | .V.P.              |
| Viton™/FKM | VTN2 Tungsten Carbide | VTN1 Tungsten Carbide | 304 Stainless Steel | .V.H.              |

### Dimensional Data

| DØ (Metric) | Seal Size Code | D1 (mm) | D3 (mm) | L1 (mm) | L2 (mm) | OEM Ref.      |
|-------------|----------------|---------|---------|---------|---------|---------------|
| 30.00       | 0300           | 40.00   | 41.00   | 19.10   | 9.30    | IC 10 , PD 10 |
| 35.00       | 0350           | 44.50   | 45.50   | 19.10   | 9.20    | IC 20 , PD 20 |
| 50.00       | 0500           | 62.00   | 61.90   | 21.10   | 10.40   | IC 30 , PD 30 |
| 70.00*      | 0700           | 85.00   | 88.90   | 25.80   | 14.10   | IC 40 , PD 40 |
| 80.00*      | 0800           | 95.00   | 101.00  | 25.80   | 16.20   | IC 50 , PD 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.

**Embrace Excellence - Service | Quality | Value | Integrity**

Mechanical Seals | FEP/PFA Encapsulated 'O'-rings | Gland Packing | Expanded PTFE Gasketing  
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