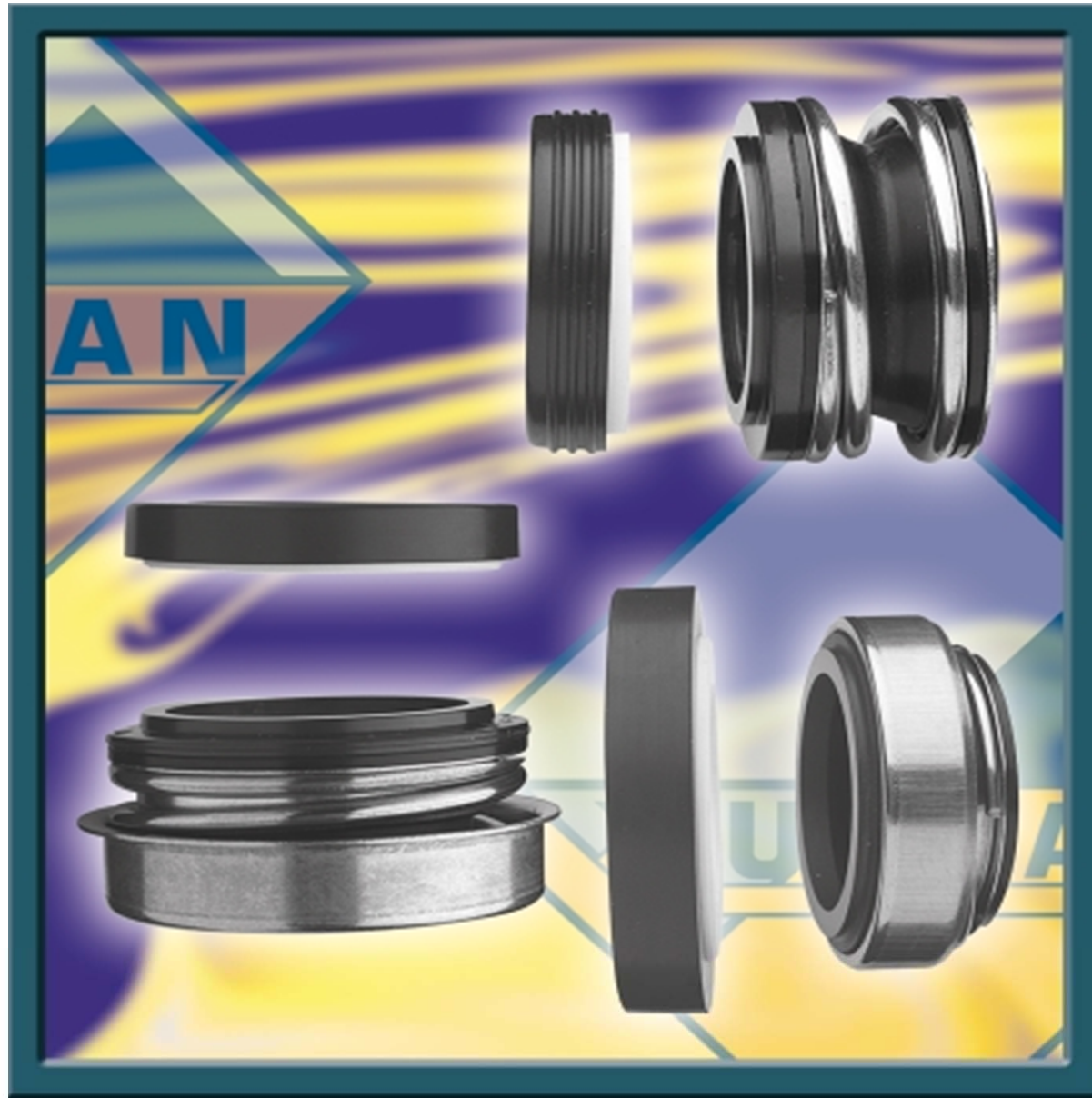




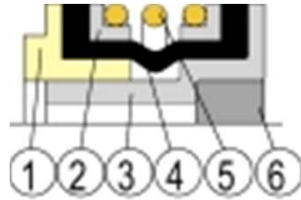
# WATER PUMP SEALS



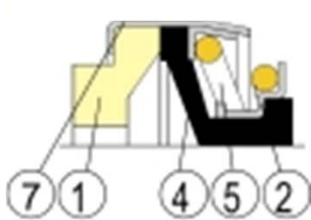
**Vulcan Water Pump Type Seals**



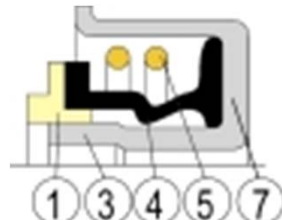
## Standard Components



Type 60/65

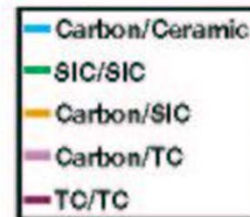
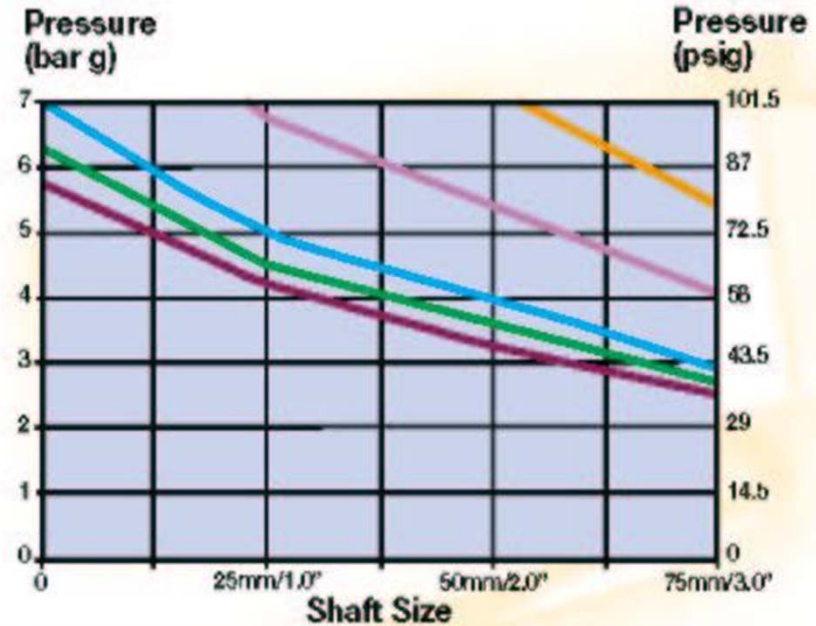


Type 18



Type 70

No	Description	4	Bellows
1	Face	5	Coil
2	Retaining Plates	6	Drive Ring
3	Sleeve	7	Retainer



**Notes:**  
For information on how to utilise this PV chart please refer to the technical section.

**Vulcan Water Pump Type Seals PV Chart**

# Vulcan Water Pump Type Seals



## Introduction

Vulcan supply a substantial range of cost effective and reliable water pump seals, that are commonly utilised in high volume commercial, domestic and industrial water systems. These seal types generally serve applications such as swimming pools, spa pools, shower pumps, central heating systems, irrigation and light fluid duties.

## Swimming Pool Seals

With over fifteen years extensive specific experience, Vulcan are leading manufacturers of seals for the International Swimming Pool Industry. We have a comprehensive range of seal assemblies and designs, backed by an ex-stock service. Vulcan seal and seat face materials, as standard, are superior to industry norms. Exact designs, excellent materials, a wide stock range and the ability to manufacture to any industry design or requirement, complement the Vulcan Swimming Pool Seal Range.

# Vulcan Water Pump Type Seals



# Standard Vulcan Water Pump Type Seals

WATER PUMP SEALS

## Type 60 and 65

Sleeve mounted, rubber bellows seals of compact unitised design. Suitable for small shaft diameter, general low pressure applications. These rubber driven, rotary seal types are easily fitted and mass produced, under Vulcan's stringent quality procedures.

## Type 70 and 75

Stationary based, unitised rubber bellows seals, utilised in high volume, small shaft diameter applications. These seals are successfully used in engine coolant pumps, as well as many other general water applications, proving the reliability of the seal design and construction. The adequate shaft clearance enables one size to be used on a number of shaft sizes, whilst being stationary seal based increases rotational speed capabilities.

## Type 18

Enclosed rubber bellows seal, with short axial fitting length, ideal for equipment where space is restricted. In addition to the standard carbon face, Vulcan also offer hard face alternatives for the more demanding applications. The seal is also fitted with an internal plug as standard to aid assembly.

# Vulcan Water Pump Type Seals



## Type 18 Description

Compact, enclosed rubber bellows seal with a wide stationary seat. Very short working length makes the Type 18 ideal for equipment where space for a seal is restricted. Seal is supplied with a top hat retainer (remove upon installation)

## Seal Compatibility

(European Based manufacturers)

Burgmann® Type BT-AR  
Cyclam Type BT, PRR, TAR  
M.T.U. Type FA

## Material Quality

Wide range of high quality elastomers and seal face materials readily available. Superior seal material selection especially Ceramic purity and Carbon quality increases reliability, capability, performance and life.



Cross Sectional Line Drawing

## Reliability

The Vulcan Water Pump seals are high quality, bi-directional, seal designs containing positively designed, material benefits and features.

## Cost Effective

These proven, mass produced seals, with their additional benefits and superior material quality, result in an exceptional, cost effective choice of seal.

# VULCAN TYPE 18





## **Type 60 Description**

Sleeve mounted, rubber bellows seal with shaft drive ring. Mass produced and easily fitted for low pressure, general applications on small diameter shafts.

## **Seal Compatibility**

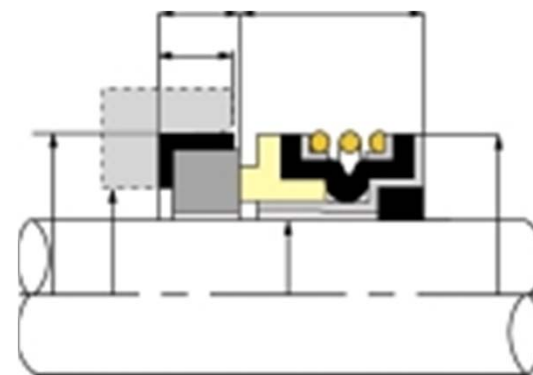
Unique Vulcan Product.

## **Material Quality**

Wide range of high quality elastomers and seal face materials readily available. Superior seal material selection especially Ceramic purity and Carbon quality increases reliability, capability, performance and life.



## **Cross Sectional Line Drawing**



## **Reliability**

The Vulcan Water Pump seals are high quality, bi-directional, seal designs containing positively designed, material benefits and features.

## **Cost Effective**

These proven, mass produced seals, with their additional benefits and superior material quality, result in an exceptional, cost effective choice of seal.

# VULCAN TYPE 60



## **Type 70 Description**

Coolant pump seal primarily utilised in combustion engine water pumps. The clearance of the seal and seat above the shaft allows one size to be used on several shaft diameters.

## **Seal Compatibility**

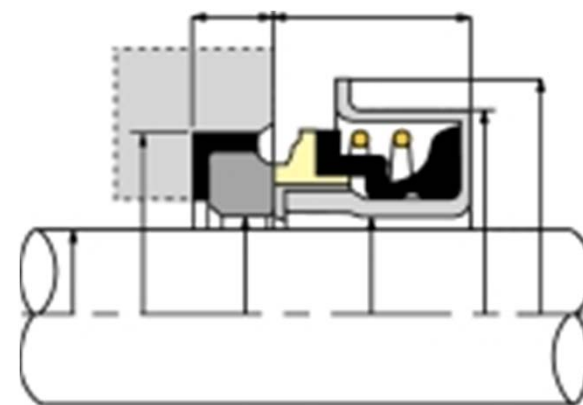
**Unique Vulcan Product.**

## **Material Quality**

Wide range of high quality elastomers and seal face materials readily available. Superior seal material selection especially Ceramic purity and Carbon quality increases reliability, capability, performance and life.



## **Cross Sectional Line Drawing**



## **Reliability**

The Vulcan Water Pump seals are high quality, bi-directional, seal designs containing positively designed, material benefits and features.

## **Cost Effective**

These proven, mass produced seals, with their additional benefits and superior material quality, result in an exceptional, cost effective choice of seal.

# VULCAN TYPE 70



## Type 65 Description

Sleeve mounted, rubber bellows seal, with dimensions to equate to the common American seal standard. Mass produced and easily fitted for low pressure, general applications on small shaft diameters.

## Material Quality

Wide range of high quality elastomers and seal face materials readily available. Superior seal material selection especially Ceramic purity and Carbon quality increases reliability, capability, performance and life.

## Reliability

The Vulcan Water Pump seals are high quality, bi-directional, seal designs containing positively designed, material benefits and features.



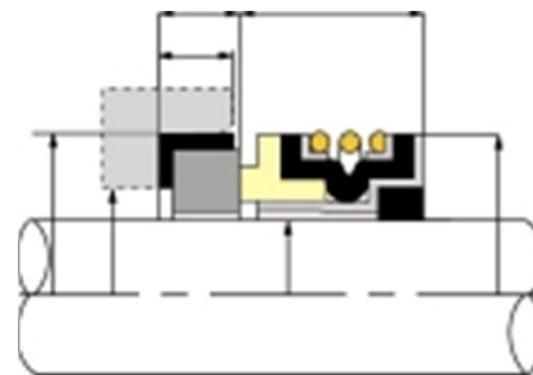
## Seal Compatibility

(European Based manufacturers)

John Crane® Type 106

Pac-Seal Type 16

## Cross Sectional Line Drawing



## Cost Effective

These proven, mass produced seals, with their additional benefits and superior material quality, result in an exceptional, cost effective choice of seal.

# VULCAN TYPE 65





## **Type 75 Description**

Coolant pump seal primarily utilised in combustion engine water pumps, with dimensions to equate to the common American seal standard.

## **Seal Compatibility**

(European Based manufacturers)

John Crane® Type 6A

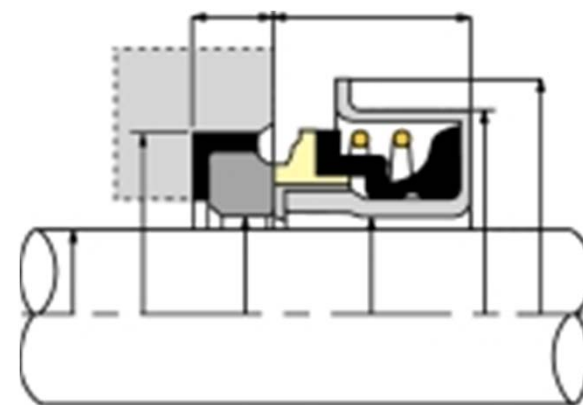
Pac-Seal Type 68

## **Material Quality**

Wide range of high quality elastomers and seal face materials readily available. Superior seal material selection especially Ceramic purity and Carbon quality increases reliability, capability, performance and life.



## **Cross Sectional Line Drawing**



## **Reliability**

The Vulcan Water Pump seals are high quality, bi-directional, seal designs containing positively designed, material benefits and features.

## **Cost Effective**

These proven, mass produced seals, with their additional benefits and superior material quality, result in an exceptional, cost effective choice of seal.

# VULCAN TYPE 75