



Vulcan Seals Type 1637  
Watson-Marlow®  
Masosine®  
Technical Data Sheet



Product Description

The Vulcan Seals Type 1637 Watson-Marlow® Masosine® is intended to suit Certa® series sine pumps and is available with PTFE or Viton sealed silicon carbide rotaries with silicon carbide or carbon-faced 'O'-ring mounted stationary parts.

Why Choose the Vulcan Seals Type 1637 Watson-Marlow® Masosine®?

The Vulcan Seals Type 1637 Watson-Marlow® Masosine® is a direct replacement mechanical seal to suit the current generation of pumps. For previous SPS ranges of sine pumps, please see the Vulcan Seals Type 1635 information.

Pump Ranges

The Watson-Marlow® Masosine® pump model includes the following pump ranges: Certa® series sine pump model, sizes 100 to 500. These pumps are used in food production and other processes where gentle mixing is required on the process fluid. Each pump requires one mechanical seal.

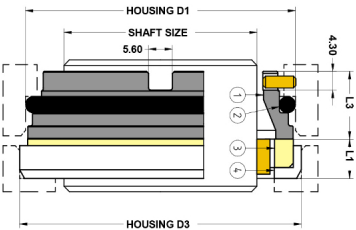
Standard Face Material Combinations

| Elastomers | Rotary Face          | Stationary Face      | Metals | Complete Seal Code |
|------------|----------------------|----------------------|--------|--------------------|
| PTFE/EP    | VSS1 Silicon Carbide | VSS1 Silicon Carbide | -      | .P.R.              |
| PTFE/EP    | VSS1 Silicon Carbide | VCD1 Carbon          | -      | .P.RD.             |
| Viton/FKM  | VSS1 Silicon Carbide | VSS1 Silicon Carbide | -      | .V.R.              |
| Viton/FKM  | VSS1 Silicon Carbide | VCD1 Carbon          | -      | .V.RD.             |

Dimensional Data

| Seal Size Code | D1 (mm) | D3 (mm) | L1 (mm) | L3 (mm) |
|----------------|---------|---------|---------|---------|
| 0450           | 65.00   | 66.00   | 9.00    | 15.50   |
| 0650           | 76.50   | 85.00   | 11.00   | 15.50   |

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.