

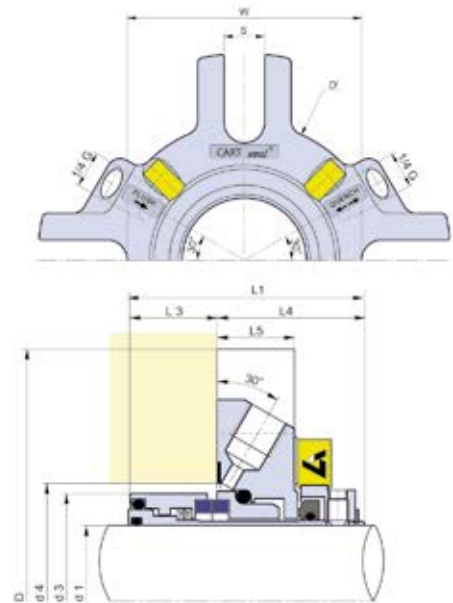
Cartridge version

# CARTSEAL B 23612 Q

Dynamic sealing through single cartridge seal with Quench

## FOR CRYSTALLISING, SOLIDIFYING OR VAPORIZING PRODUCTS

- MECHANICAL SEAL, BALANCED WITH QUENCH
- THE QUENCH (Q) OPTION INCREASES SEAL LIFE EXPECTANCY
- BALANCED MECHANICAL SEAL



### OPERATING PARAMETERS (NOT ASSOCIATED)

Pressure : 0 to 25 bar  
Temperature : -20 °C to 200°C  
Speed : 20 m/s

### COMPOSITION

Friction faces: Silicon carbide / silicon carbide (U6/U6) or silicon carbide / resin-impregnated carbon (U6/B1)

### TYPES OF INDUSTRIES



### FLUIDS

All corrosive, abrasive and slightly clogging fluids.

### GUIDELINES, STANDARDS AND APPROVALS (ON REQUEST)



Cartridge version

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## METRIC VERSION

| d1 nominal h6 | d3 | d4 mini | d4 maxi | L1   | L3   | L4 | L5 | D   | D'  | S    | W   |
|---------------|----|---------|---------|------|------|----|----|-----|-----|------|-----|
| 25            | 42 | 46      | 56      | 68   | 24   | 44 | 23 | 105 | 83  | 12.5 | 63  |
| 28            | 46 | 49      | 57      | 67   | 23   | 44 | 23 | 110 | 86  | 12.5 | 64  |
| 30            | 47 | 51      | 61      | 68   | 24   | 44 | 23 | 115 | 85  | 12.5 | 68  |
| 32            | 49 | 58      | 66      | 68   | 24   | 44 | 23 | 125 | 90  | 12.5 | 73  |
| 33            | 54 | 58      | 66      | 70   | 26   | 44 | 23 | 125 | 90  | 12.5 | 73  |
| 35            | 54 | 58      | 66      | 70   | 26   | 44 | 23 | 125 | 90  | 12.5 | 73  |
| 38            | 59 | 63      | 70      | 71   | 27   | 44 | 23 | 133 | 95  | 14.7 | 77  |
| 40            | 59 | 65      | 73      | 70   | 26   | 44 | 23 | 141 | 97  | 14.7 | 80  |
| 43            | 64 | 68      | 75      | 71   | 27   | 44 | 23 | 141 | 100 | 14.7 | 82  |
| 45            | 64 | 70      | 78      | 70,5 | 26,5 | 44 | 23 | 150 | 102 | 14.7 | 85  |
| 48            | 69 | 75      | 83      | 72,5 | 28,5 | 44 | 23 | 150 | 107 | 18   | 90  |
| 50            | 69 | 75      | 83      | 72,5 | 28,5 | 44 | 23 | 150 | 107 | 18   | 90  |
| 53            | 78 | 85      | 91      | 75   | 31   | 44 | 23 | 157 | 123 | 18   | 98  |
| 55            | 78 | 85      | 91      | 75   | 31   | 44 | 23 | 157 | 123 | 18   | 98  |
| 60            | 83 | 90      | 98      | 74   | 30   | 44 | 23 | 165 | 128 | 18   | 105 |
| 65            | 88 | 95      | 108     | 74   | 30   | 44 | 23 | 180 | 132 | 18   | 115 |
| 70            | 99 | 104     | 118     | 83,5 | 34,5 | 49 | 28 | 190 | 143 | 18   | 129 |

## IMPERIAL VERSION

| d1 nominal in | d1 nominal inches | d3 | d4 mini | d4 maxi | L1   | L3   | L4 | L5 | D   | D'  | S    | W   |
|---------------|-------------------|----|---------|---------|------|------|----|----|-----|-----|------|-----|
| 1             | 1"                | 42 | 46      | 56      | 68   | 24   | 44 | 23 | 105 | 83  | 12.5 | 63  |
| 1.125         | 1 1/8"            | 47 | 51      | 61      | 68   | 24   | 44 | 23 | 115 | 85  | 12.5 | 68  |
| 1.25          | 1 1/4"            | 49 | 58      | 66      | 68   | 24   | 44 | 23 | 125 | 90  | 12.5 | 73  |
| 1.375         | 1 3/8"            | 54 | 58      | 66      | 70   | 26   | 44 | 23 | 125 | 90  | 12.5 | 73  |
| 1.5           | 1 1/2"            | 59 | 63      | 70      | 71   | 27   | 44 | 23 | 133 | 95  | 14.7 | 77  |
| 1.625         | 1 5/8"            | 64 | 68      | 75      | 71   | 27   | 44 | 23 | 141 | 100 | 14.7 | 82  |
| 1.75          | 1 3/4"            | 64 | 70      | 78      | 70,5 | 26,5 | 44 | 23 | 150 | 102 | 14.7 | 85  |
| 1.875         | 1 7/8"            | 69 | 75      | 83      | 72,5 | 28,5 | 44 | 23 | 150 | 107 | 18   | 90  |
| 2             | 2"                | 78 | 85      | 91      | 75   | 31   | 44 | 23 | 157 | 123 | 18   | 98  |
| 2.125         | 2 1/8"            | 78 | 85      | 91      | 75   | 31   | 44 | 23 | 157 | 123 | 18   | 98  |
| 2.25          | 2 1/4"            | 83 | 90      | 98      | 74   | 30   | 44 | 23 | 165 | 128 | 18   | 105 |
| 2.375         | 2 3/8"            | 83 | 90      | 98      | 74   | 30   | 44 | 23 | 165 | 128 | 18   | 105 |
| 2.5           | 2 1/2"            | 88 | 95      | 108     | 74   | 30   | 44 | 23 | 180 | 132 | 18   | 115 |
| 2.625         | 2 5/8"            | 99 | 104     | 118     | 83,5 | 34,5 | 49 | 28 | 190 | 143 | 18   | 129 |
| 2.75          | 2 3/4"            | 99 | 104     | 118     | 83,5 | 34,5 | 49 | 28 | 190 | 143 | 18   | 129 |