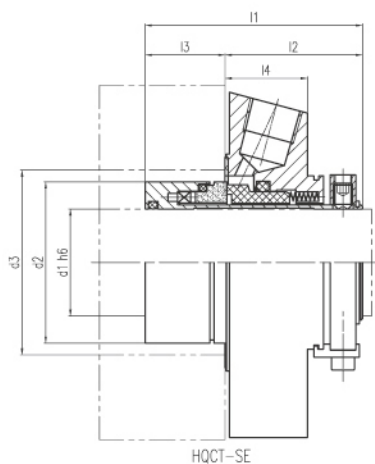
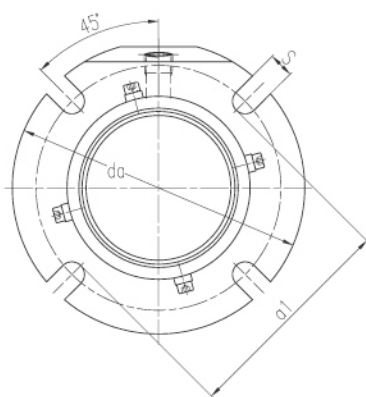
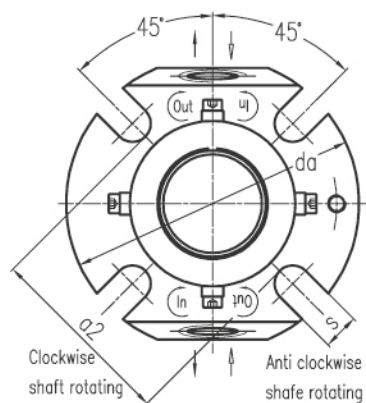


## □ HQCT-SE

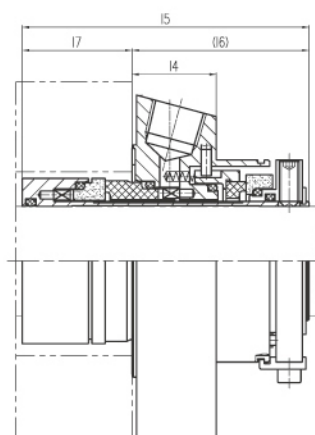


HQCT-SE

## □ HQCT-DE



Clockwise shaft rotating  
Anti clockwise shaft rotating



HQCT-DE

## Advantages

- ▶ Standardized seals
- ▶ Can replace packing seals
- ▶ Small radial installation dimensions
- ▶ Customer specific versions available

## Design Features

- ▶ Cartridge type
- ▶ Equipped with flush ports or non-pressurized quench

## Application Range

- ▶ **Pressure:** ≤1.2 MPa
- ▶ **Temperature:** -40°C to 200°C
- ▶ **Linear speed:** ≤10 m/s

## Dimensional Data

| d1  | d2    | d3min | d3max | L1 | L2   | L3   | L4   | L5    | L6   | L7   | L12  | L13  | L14  | L15  | L16  | L17  | a1  | a2  | da  | S    |
|-----|-------|-------|-------|----|------|------|------|-------|------|------|------|------|------|------|------|------|-----|-----|-----|------|
| 25  | 43.0  | 44.0  | 51.5  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 62  | 62  | 105 | 13.2 |
| 28  | 46.0  | 47.0  | 52.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 62  | 65  | 105 | 13.2 |
| 30  | 48.0  | 49.0  | 56.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 65  | 67  | 105 | 13.2 |
| 32  | 49.8  | 51.0  | 57.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 67  | 70  | 108 | 13.2 |
| 33  | 49.8  | 51.0  | 57.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 67  | 70  | 108 | 13.2 |
| 35  | 53.0  | 54.0  | 61.5  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 70  | 72  | 113 | 13.2 |
| 38  | 56.0  | 57.0  | 66.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 75  | 75  | 123 | 13.2 |
| 40  | 58.0  | 59.0  | 68.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 75  | 77  | 123 | 14.2 |
| 42  | 60.5  | 61.5  | 69.5  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 80  | 80  | 133 | 14.2 |
| 43  | 60.5  | 61.5  | 70.5  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 80  | 80  | 133 | 14.2 |
| 45  | 62.5  | 64.0  | 73.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 81  | 82  | 138 | 14.2 |
| 48  | 65.6  | 67.0  | 75.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 84  | 85  | 138 | 14.2 |
| 50  | 68.0  | 69.0  | 78.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 87  | 87  | 148 | 14.2 |
| 53  | 71.0  | 73.0  | 87.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 97  | 97  | 148 | 18.0 |
| 55  | 73.0  | 74.0  | 83.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 90  | 92  | 148 | 18.0 |
| 60  | 78.0  | 79.0  | 91.0  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 102 | 102 | 157 | 18.0 |
| 65  | 84.8  | 85.7  | 98.5  | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 109 | 109 | 163 | 18.0 |
| 70  | 93.0  | 95.0  | 108.0 | 67 | 42.4 | 24.6 | 25.4 | 86.5  | 53.4 | 33.1 | 35.0 | 32.0 | 17.5 | 79.5 | 53.4 | 26.1 | 118 | 118 | 178 | 18.0 |
| 75  | 100.0 | 101.6 | 118.0 | 84 | 57.4 | 26.6 | 28.0 | 108.0 | 63.9 | 44.1 | 46.1 | 37.9 | 22.0 | ---  | ---  | ---  | 129 | 129 | 190 | 18.0 |
| 80  | 106.4 | 108.0 | 124.0 | 84 | 57.4 | 26.6 | 28.0 | 108.0 | 63.9 | 44.1 | 46.1 | 37.9 | 22.0 | ---  | ---  | ---  | 135 | 135 | 195 | 18.0 |
| 85  | 109.5 | 111.1 | 128.0 | 84 | 57.4 | 26.6 | 28.0 | 108.0 | 63.9 | 44.1 | 46.1 | 37.9 | 22.0 | ---  | ---  | ---  | 139 | 139 | 198 | 22.0 |
| 90  | 115.9 | 117.5 | 135.0 | 84 | 57.4 | 26.6 | 28.0 | 108.0 | 63.9 | 44.1 | 46.1 | 37.9 | 22.0 | ---  | ---  | ---  | 145 | 145 | 205 | 22.0 |
| 95  | 119.1 | 120.7 | 138.0 | 84 | 57.4 | 26.6 | 28.0 | 108.0 | 63.9 | 44.1 | 46.1 | 37.9 | 22.0 | ---  | ---  | ---  | 148 | 148 | 208 | 22.0 |
| 100 | 125.4 | 127.0 | 144.0 | 84 | 57.4 | 26.6 | 28.0 | 108.0 | 63.9 | 44.1 | 46.1 | 37.9 | 22.0 | ---  | ---  | ---  | 154 | 154 | 218 | 22.0 |