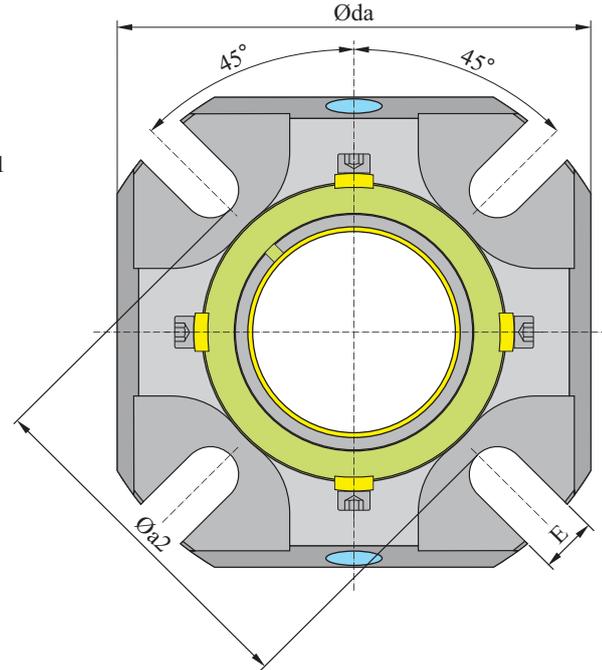
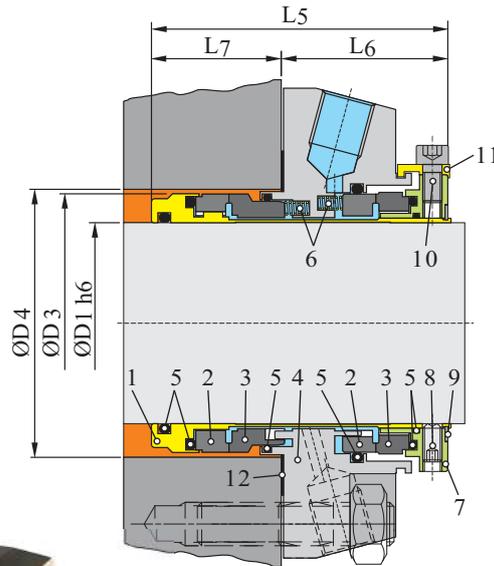


| Item | Description |
|------|------------------|
| 1. | Shaft sleeve |
| 2. | Seat |
| 3. | Seal face |
| 4. | Housing |
| 5. | O-ring |
| 6. | Spring |
| 7. | Drive collar |
| 8. | Set screw |
| 9. | Snap ring |
| 10. | Screw |
| 11. | Assembly fixture |
| 12. | Gasket |



Dimension Table (mm)

| D1 | D3 | D4 min. | D4 max. | L5 | L6 | L7 | Øa2 | Øda | E |
|-----|-------|---------|---------|------|------|------|-------|-------|------|
| 25 | 41.9 | 44.0 | 51.0 | 75.4 | 52.8 | 22.6 | 62.0 | 105.0 | 13.2 |
| 28 | 44.4 | 47.0 | 52.0 | 75.4 | 52.8 | 22.6 | 61.0 | 105.0 | 13.2 |
| 30 | 47.0 | 49.0 | 56.0 | 75.4 | 52.8 | 22.6 | 67.0 | 105.0 | 13.2 |
| 32 | 49.7 | 51.0 | 57.0 | 75.4 | 52.8 | 22.6 | 70.0 | 110.0 | 13.2 |
| 33 | 49.7 | 51.0 | 57.0 | 75.4 | 52.8 | 22.6 | 70.0 | 110.0 | 13.2 |
| 35 | 54.5 | 56.5 | 61.5 | 76.8 | 53.4 | 23.4 | 72.0 | 113.0 | 13.2 |
| 38 | 56.0 | 57.0 | 66.0 | 77.6 | 54.0 | 23.6 | 75.0 | 123.0 | 13.2 |
| 40 | 58.0 | 59.0 | 68.0 | 79.6 | 54.3 | 25.3 | 77.0 | 123.0 | 14.2 |
| 42 | 60.5 | 61.5 | 69.5 | 79.6 | 54.3 | 25.3 | 80.0 | 133.0 | 14.2 |
| 43 | 60.5 | 61.5 | 70.5 | 79.6 | 54.3 | 25.3 | 80.0 | 133.0 | 14.2 |
| 45 | 62.5 | 64.0 | 73.0 | 79.6 | 54.3 | 25.3 | 82.0 | 138.0 | 14.2 |
| 48 | 67.0 | 68.0 | 75.0 | 80.5 | 54.0 | 26.5 | 85.0 | 138.0 | 14.2 |
| 50 | 68.5 | 69.0 | 78.0 | 80.5 | 54.0 | 26.5 | 87.0 | 148.0 | 14.2 |
| 53 | 72.0 | 73.0 | 87.0 | 82.5 | 54.0 | 28.5 | 97.0 | 148.0 | 18.0 |
| 55 | 74.0 | 75.0 | 83.0 | 82.5 | 54.0 | 28.5 | 92.0 | 148.0 | 18.0 |
| 60 | 78.9 | 80.5 | 91.0 | 82.5 | 54.0 | 28.5 | 102.0 | 157.0 | 18.0 |
| 65 | 84.8 | 85.7 | 98.5 | 82.5 | 54.0 | 28.5 | 109.0 | 163.0 | 18.0 |
| 70 | 93.0 | 95.0 | 108.0 | 82.6 | 54.0 | 28.6 | 118.0 | 178.0 | 18.0 |
| 75 | 98.0 | 101.6 | 118.0 | 82.6 | 54.0 | 28.6 | 129.0 | 190.0 | 18.0 |
| 80 | 104.0 | 108.0 | 124.0 | 87.8 | 59.3 | 28.5 | 135.0 | 195.0 | 18.0 |
| 85 | 109.0 | 111.1 | 128.0 | 87.8 | 59.3 | 28.5 | 139.0 | 198.0 | 22.0 |
| 90 | 114.0 | 117.5 | 135.0 | 87.8 | 59.3 | 28.5 | 145.0 | 205.0 | 22.0 |
| 95 | 119.0 | 120.7 | 138.0 | 87.8 | 59.3 | 28.5 | 148.0 | 208.0 | 22.0 |
| 100 | 124.0 | 127.0 | 144.0 | 87.9 | 57.4 | 28.5 | 154.0 | 218.0 | 22.0 |

PRODUCT DESCRIPTION

Cartseal P is a redesigned and improved version of the Cartseal, specially engineered to meet the demanding requirements of the petrochemical industry. It is a balanced, O-ring pusher-type cartridge mechanical seal available in both single and double versions.

Fully pre-assembled for ease of installation, Cartseal P retains the key design features of the original Cartseal, such as easy replacement of seal faces and straightforward maintenance.

FEATURES

- Improved design
- Easy to install cartridge design
- Fully pre-assembled
- Balanced
- Independent of the shaft rotating direction

MATERIALS

- Seal face: SiC, Carbon antimony impregnated
- Stationary seat: SiC, TC
- Secondary seal: EPDM, FKM, FFKM, FEP, Aflas
- Spring: Hastelloy C
- Metal Parts: 316L, Hastelloy C4
- Optional material on request

APPLICATIONS

- Petrochemical industry
- Chemical industry
- Process industry
- Pulp and Paper industry
- Water and wastewater treatment
- Steel Production

LIMITING FACTORS

- Shaft diameter: D1= 25...80mm
- Pressure: p1= 25 bar
- Temperature: t= +260°C
- Sliding velocity: Vg= 20 m/s