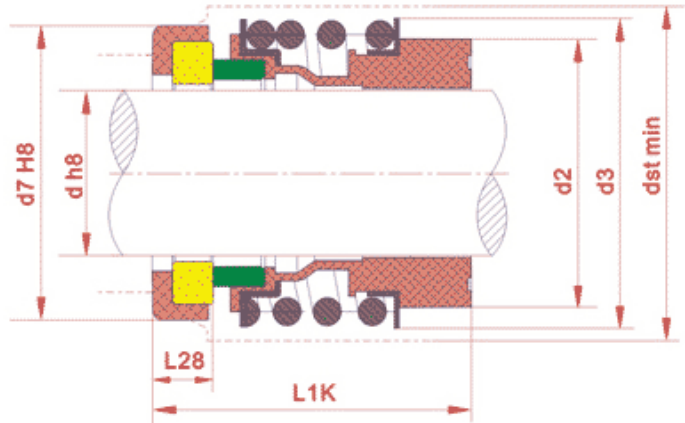


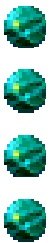
Mechanical Seal

Model BTMG12



Mechanical seal BTMG12 It ' s for industrial pump

Standard Materials



Stationary Ring(Ceramic/SiC/TC)

Rotary Ring(Carbon/SiC/TC)

Secondary Seal(NBR/EPDM/VITON)

Spring & Other Parts(SUS304/SUS316)

OPERATING LIMITS

Temperature : $-20^{\circ}\text{C} \sim +120^{\circ}\text{C}$

Pressure : $\leq 1.2\text{MPa}$

Speed : $\leq 10\text{m/s}$

| Seal size | d | d2 | dst | d3 | d7 | L1K | L28 |
|-----------|-----|-------|-----|-------|-----|------|------|
| 10 | 10 | 20.5 | 24 | 22.5 | 21 | 32.5 | 6.6 |
| 12 | 12 | 22.5 | 26 | 25.0 | 23 | 32.5 | 6.6 |
| 14 | 14 | 26.5 | 30 | 28.5 | 25 | 35.0 | 6.6 |
| 16 | 16 | 26.5 | 30 | 28.5 | 27 | 35.0 | 6.6 |
| 18 | 18 | 29.0 | 33 | 32.0 | 33 | 37.5 | 7.5 |
| 20 | 20 | 33.0 | 38 | 37.0 | 35 | 37.5 | 7.5 |
| 22 | 22 | 33.0 | 38 | 37.0 | 37 | 37.5 | 7.5 |
| 24 | 24 | 38.0 | 44 | 42.5 | 39 | 40.0 | 7.5 |
| 25 | 25 | 38.0 | 44 | 42.5 | 40 | 40.0 | 7.5 |
| 28 | 28 | 44.0 | 50 | 49.0 | 43 | 42.5 | 7.5 |
| 30 | 30 | 44.0 | 50 | 49.0 | 45 | 42.5 | 7.5 |
| 32 | 32 | 46.0 | 55 | 53.5 | 48 | 42.5 | 7.5 |
| 33 | 33 | 46.0 | 55 | 53.5 | 48 | 42.5 | 7.5 |
| 35 | 35 | 50.0 | 59 | 57.0 | 50 | 42.5 | 7.5 |
| 38 | 38 | 53.0 | 61 | 59.0 | 56 | 45.0 | 9.0 |
| 40 | 40 | 55.0 | 64 | 62.0 | 58 | 45.0 | 9.0 |
| 43 | 43 | 58.0 | 67 | 65.5 | 61 | 45.0 | 9.0 |
| 45 | 45 | 60.0 | 70 | 68.0 | 63 | 45.0 | 9.0 |
| 48 | 48 | 63.0 | 74 | 70.5 | 66 | 45.0 | 9.0 |
| 50 | 50 | 65.0 | 77 | 74.0 | 70 | 47.5 | 9.5 |
| 53 | 53 | 70.0 | 81 | 78.5 | 73 | 47.5 | 11.0 |
| 55 | 55 | 72.0 | 83 | 81.0 | 75 | 47.5 | 11.0 |
| 58 | 58 | 75.0 | 88 | 85.5 | 78 | 52.5 | 11.0 |
| 60 | 60 | 79.0 | 91 | 88.5 | 80 | 52.5 | 11.0 |
| 65 | 65 | 84.0 | 96 | 93.5 | 85 | 52.5 | 11.0 |
| 68 | 68 | 88.0 | 100 | 96.5 | 90 | 52.5 | 11.3 |
| 70 | 70 | 90.0 | 103 | 99.5 | 92 | 60.0 | 11.3 |
| 75 | 75 | 95.0 | 110 | 107.0 | 97 | 60.0 | 11.3 |
| 80 | 80 | 100.0 | 116 | 112.0 | 105 | 60.0 | 12.0 |
| 85 | 85 | 107.0 | 124 | 120.0 | 110 | 60.0 | 14.0 |
| 90 | 90 | 114.0 | 131 | 127.0 | 115 | 65.0 | 14.0 |
| 95 | 95 | 119.0 | 136 | 132.0 | 120 | 65.0 | 14.0 |
| 100 | 100 | 124.0 | 140 | 137.0 | 125 | 65.0 | 14.0 |