



TS 560A

Operating Limits

Pressure: $\leq 1\text{MPa}$

Speed: $\leq 12\text{ m/s}$

Temperature: $-30^{\circ}\text{C} \sim +200^{\circ}\text{C}$

- Rotary Ring(Plastic Carbon/Carbon/SiC/TC)
- Stationary Ring(Ceramic/SiC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Other Parts(SUS304/SUS316)

| Model | d ₁ (mm) | d ₃ | d ₆ | d ₇ | l ₁ | l ₃ |
|------------|---------------------|----------------|----------------|----------------|----------------|----------------|
| TS560A-10 | 10 | 23.5 | 16 | 24 | 25.0 | 7.0 |
| TS560A-11 | 11 | 23.5 | 16 | 24 | 25.0 | 7.0 |
| TS560A-12 | 12 | 26.0 | 17 | 26 | 25.0 | 7.0 |
| TS560A-14 | 14 | 28.0 | 21 | 28 | 25.5 | 7.0 |
| TS560A-15 | 15 | 30.0 | 21 | 28 | 29.5 | 7.0 |
| TS560A-16 | 16 | 32.0 | 22 | 32 | 33.5 | 10.0 |
| TS560A-18 | 18 | 32.5 | 25 | 35 | 36.5 | 10.0 |
| TS560A-19 | 19 | 32.5 | 25 | 35 | 36.5 | 10.0 |
| TS560A-20 | 20 | 35.5 | 27 | 38 | 38.0 | 10.0 |
| TS560A-22 | 22 | 37.5 | 29 | 40 | 40.3 | 10.0 |
| TS560A-25 | 25 | 42.0 | 32 | 44 | 39.3 | 10.0 |
| TS560A-28 | 28 | 45.5 | 34 | 46 | 40.0 | 10.0 |
| TS560A-30S | 30 | 46.0 | 35 | 45 | 38.2 | 7.5 |
| TS560A-30L | 30 | 48.0 | 38 | 50 | 40.0 | 10.0 |
| TS560A-32 | 32 | 50.0 | 40 | 54 | 40.0 | 10.0 |
| TS560A-35 | 35 | 54.5 | 44 | 58 | 42.0 | 10.0 |
| TS560A-38 | 38 | 58.5 | 46 | 60 | 42.6 | 10.0 |
| TS560A-40 | 40 | 62.5 | 48 | 64 | 42.6 | 10.0 |
| TS560A-45 | 45 | 66.5 | 52 | 66 | 45.0 | 10.0 |
| TS560A-50 | 50 | 72.5 | 58 | 72 | 54.6 | 11.5 |
| TS560A-55S | 55 | 72.0 | 60 | 75 | 59.4 | 12.0 |

| Model | d ₁ (mm) | d ₃ | d ₆ | d ₇ | l ₁ | l ₃ |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|
| TS560A-55L | 55 | 76.0 | 60 | 78 | 59.8 | 12.0 |
| TS560A-60 | 60 | 80.0 | 65 | 80 | 63.0 | 12.0 |
| TS560A-65 | 65 | 85.0 | 70 | 85 | 64.0 | 13.0 |
| TS560A-70 | 70 | 92.0 | 75 | 92 | 60.0 | 11.0 |
| Model | d ₁ (inches) | d ₃ | d ₆ | d ₇ | l ₁ | l ₃ |
| TS560A-3/8" | 9.525 | 23.5 | 14.3 | 22.230 | 28.6 | 7.9 |
| TS560A-1/2" | 12.700 | 26.0 | 17.5 | 25.400 | 28.6 | 7.9 |
| TS560A-5/8" | 15.875 | 30.0 | 20.6 | 31.750 | 32.5 | 10.3 |
| TS560A-3/4" | 19.050 | 32.5 | 23.8 | 34.930 | 32.5 | 10.3 |
| TS560A-7/8" | 22.225 | 37.5 | 27.0 | 38.100 | 34.1 | 10.3 |
| TS560A-1" | 25.400 | 44.0 | 30.2 | 41.280 | 36.5 | 11.1 |
| TS560A-1 1/8" | 28.575 | 48.0 | 33.3 | 44.450 | 38.1 | 11.1 |
| TS560A-1 1/4" | 31.750 | 50.0 | 36.5 | 47.630 | 38.1 | 11.1 |
| TS560A-1 3/8" | 34.925 | 54.5 | 39.7 | 50.800 | 39.7 | 11.1 |
| TS560A-1 1/2" | 38.100 | 58.5 | 42.9 | 53.980 | 39.7 | 11.1 |
| TS560A-1 5/8" | 41.275 | 64.0 | 46.0 | 60.330 | 47.6 | 12.7 |
| TS560A-1 3/4" | 44.450 | 67.0 | 49.2 | 63.500 | 47.6 | 12.7 |
| TS560A-1 7/8" | 47.625 | 71.0 | 52.4 | 66.680 | 50.8 | 12.7 |
| TS560A-2" | 50.800 | 73.5 | 55.6 | 69.850 | 50.8 | 12.7 |
| TS560A-2 1/8" | 53.975 | 75.6 | \ | 76.200 | 57.2 | 14.3 |
| TS560A-2 1/4" | 57.150 | 80.0 | 65.0 | 79.380 | 57.2 | 14.3 |
| TS560A-2 3/8" | 60.325 | 79.6 | \ | 82.550 | 57.2 | 14.3 |
| TS560A-2 1/2" | 63.500 | 84.9 | 70.0 | 85.730 | 60.3 | 14.3 |
| TS560A-2 5/8" | 66.675 | 84.6 | \ | 85.725 | 65.1 | 15.9 |
| TS560A-2 3/4" | 69.850 | 93.0 | \ | 88.900 | 65.1 | 15.9 |
| TS560A-3" | 76.200 | 102.0 | \ | 98.425 | 68.3 | 15.9 |