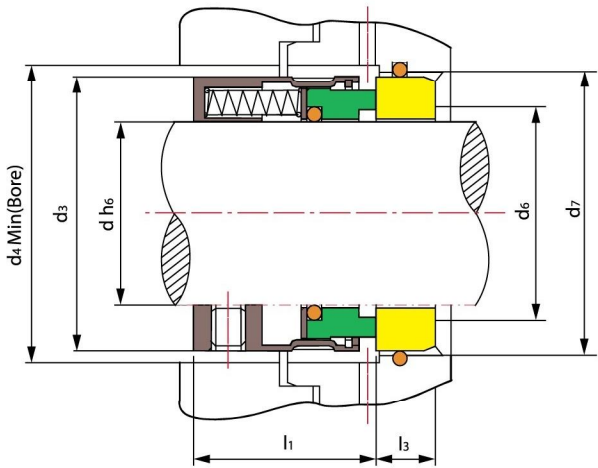




TS 8-1

Operating Limits

Pressure: ≤1.7MPa
Speed: ≤25m/s
Temperature: -30 °C ~ 200 °C

Stationary Seats:

- 1.TS 8-1 equip with "P" type stationary seats.
- 2.A,W and PP type stationary seats are available

- Rotary Ring (Carbon/SiC/TC)
- Stationary Ring (99%Ceramic/SiC/TC)
- Secondary Seal (NBR/ VITON/Encapsulated Ring)
- Spring & Other Parts (SUS304/ SUS316)

- Features of structure:
- 1.Adopt "O" ring, applied in various hydraulic liquid. Rotary ring connected by circlip.
 - 2.Applied in various rotating equipments, such as: centrifugal agitators and agitator crushers
 - 3.Minimize the shaft and sleeve fretting.
 - 4. Multi-spring and unbalance; comply with API 610 standard.

Seal size (inches)	d	d ₃	d ₄	d ₆	d ₇	l ₁	l ₃
0.500	12.70	26.7	30	14.5	25.60	21.0	7.90
0.625	15.87	30.7	34	17.5	31.95	19.0	10.30
0.750	19.05	34.0	37	21.0	35.12	22.2	10.30
0.875	22.22	37.2	40	24.0	38.30	24.0	10.30
1.000	25.40	40.3	43	27.5	41.48	25.0	11.15
1.125	28.57	43.5	46	30.5	44.65	27.0	11.15
1.250	31.75	48.3	51	33.5	47.83	27.0	11.15
1.375	34.92	51.5	54	37.0	51.00	29.0	11.15
1.500	38.10	54.6	58	40.0	54.18	29.0	11.15
1.625	41.27	61.0	64	43.5	60.53	35.0	12.75
1.750	44.45	64.2	67	46.5	63.70	35.0	12.75
1.875	47.62	67.3	70	49.5	66.88	35.0	12.75
2.000	50.80	70.5	73	53.0	70.05	35.0	12.75
2.125	53.97	76.9	80	56.0	76.40	43.0	14.33
2.250	57.15	80.0	83	59.0	79.58	43.0	14.33
2.375	60.32	83.2	86	62.5	82.75	43.0	14.33
2.500	63.50	86.4	89	65.5	85.93	43.0	14.33
2.625	66.67	89.6	92	68.5	85.93	43.0	15.93
2.750	69.85	92.7	96	72.0	89.10	43.0	15.93
2.875	73.02	95.9	99	75.0	95.45	43.0	15.93
3.000	76.20	97.5	100	78.5	98.63	43.0	15.93
3.125	79.37	100.7	104	81.5	101.80	43.0	19.84
3.250	82.55	105.4	108	84.5	104.98	43.0	19.84
3.375	85.73	108.6	111	88.0	108.15	43.0	19.84
3.500	88.90	111.8	115	91.0	111.13	43.0	19.84
3.625	92.08	115.0	118	94.0	114.35	43.0	19.84
3.750	95.25	118.1	121	97.5	117.68	43.0	19.84
3.875	98.43	121.3	124	100.5	120.85	43.0	19.84
4.000	101.60	124.5	127	103.5	124.03	43.0	19.84
4.125	104.78	127.0	134	107.0	130.38	42.9	19.84
4.250	107.95	133.4	137	110.0	133.55	42.9	19.84
4.375	111.13	136.5	140	113.5	136.72	42.9	19.84
4.500	114.30	139.7	143	116.5	139.90	42.9	19.84
4.625	117.48	142.9	146	119.5	143.08	42.9	19.84
4.750	120.65	146.1	149	122.5	146.25	42.9	19.84
4.875	123.83	149.2	153	126.0	149.43	42.9	19.84
5.000	127.00	152.4	156	129.0	152.60	42.9	19.84
5.125	130.18	155.6	159	132.0	155.77	42.9	19.84
5.250	133.35	165.1	168	135.5	158.95	50.8	19.84
5.375	136.53	168.28	171.45	138.5	162.12	50.8	19.84
5.500	139.70	171.5	175	141.5	165.30	50.8	19.84
5.625	142.88	174.6	178	145.0	168.47	50.8	19.84
5.750	146.05	177.8	181	149.0	177.23	50.8	25.40
5.875	149.23	181.0	184	152.5	180.41	50.8	25.40
6.000	152.40	184.2	188	155.5	183.59	50.8	25.40