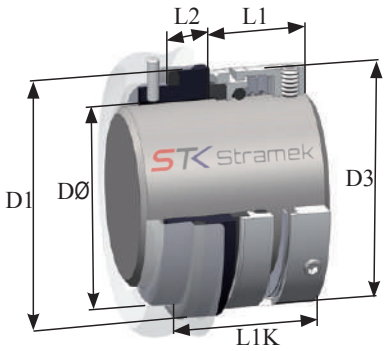
Wave Spring

STK WS33

Characteristics

- Unbalanced Mechanical Seal.
- Independent of direction of rotation.



Description

STK WS33 is a wave spring seal. It is screw driven, utilising crest to crest wave spring technology. Designed to suit DIN24960 (EN12756).

Operating Limits

p: <20 Bar ; **V:** <15 m/

s **t:** -40 / +200°C

* Temperature is based by material selection.

* Operating limits are based on PV factor.

Metric Shatt Size DØ	Size Code	D1	D3	L1	L2	L1K	SLOT WIDTH	SLOT DEPTH
16	0160	27.00	28.00	19.50	8.60	28.10	4.00	5.00
18	0180	33.00	34.00	20.50	10.00	30.50	4.00	5.00
20	0200	35.00	36.00	20.50	10.00	30.50	4.00	5.50
22	0220	37.00	38.00	20.50	10.00	30.50	4.00	5.50
24	0240	39.00	40.00	22.50	10.00	32.50	4.00	5.50
25	0250	40.00	41.00	23.50	10.00	33.50	4.00	5.50
28	0280	43.00	44.00	23.50	10.00	33.50	4.00	5.50
30	0300	45.00	46.00	24.50	10.00	34.50	4.00	5.50
32	0320	48.00	48.00	24.50	10.00	34.50	4.00	5.50
33	0330	48.00	49.00	24.50	10.00	34.50	4.00	5.50
35	0350	50.00	51.00	24.50	10.00	34.50	4.00	5.50
38	0380	56.00	58.00	27.00	11.00	38.00	5.00	5.50
40	0400	58.00	60.00	28.00	11.00	39.00	5.00	5.50
43	0430	61.00	63.00	28.00	11.00	39.00	5.00	5.50
45	0450	63.00	65.00	28.00	11.00	39.00	5.00	5.50
48	0480	66.00	68.00	28.00	11.00	39.00	5.00	5.50
50	0500	70.00	70.00	27.00	13.00	40.00	5.00	5.50
53	0530	73.00	73.00	27.00	13.00	40.00	5.00	5.50
55	0550	75.00	75.00	27.00	13.00	40.00	5.00	5.50
58	0580	78.00	83.00	29.00	13.00	42.00	5.00	5.50
60	0600	80.00	85.00	29.00	13.00	42.00	5.00	5.50
63	0630	83.00	88.00	32.00	13.00	45.00	5.00	5.50
65	0650	85.00	90.00	32.00	13.00	45.00	5.00	5.50
68	0680	90.00	93.00	33.50	15.30	48.80	5.00	5.50
70	0700	92.00	95.00	32.00	15.30	47.30	5.00	5.50
75	0750	97.00	104.00	32.00	15.30	47.30	5.00	5.50
80	0800	105.00	109.00	32.50	15.70	48.20	5.00	5.50
85	0850	110.00	114.00	32.50	15.70	48.20	5.00	5.50
90	0900	115.00	119.00	38.50	15.70	54.20	5.00	5.50
95	0950	120.00	124.00	38.50	15.70	54.20	5.00	5.50
100	1000	125.00	129.00	38.50	15.70	54.20	5.00	5.50
110	1100	140.30	137.00	46.00	14.00	60.00	6.00	7.00