

Characteristics

- Unbalanced Mechanical Seal.
- Dependent on direction of rotation.



Operating Limits

p: <11 Bar ; **V:** <15 m/s

t: -40 / +180°C

*Temperature is based by material selection.

*Operating limits are based on PV factor.



Description

Conical spring mechanical seal with O-Ring in rotating and stationary parts. STK CS2DIN according to DIN, while STK CS26 working lengths meet DIN L1K.



Metric Shaft Size DØ	Size Code	D1	D3	STK CS2DIN L1	STK CS26 L3	L2
10	0100	21.00	19.00	15.00	25.50	7.00
12	0120	23.00	21.00	18.00	25.50	7.00
14	0140	25.00	23.00	22.00	28.00	7.00
16	0160	27.00	26.00	23.00	28.00	7.00
18	0180	33.00	29.00	24.00	27.50	10.00
20	0200	35.00	31.00	25.00	27.50	10.00
22	0220	37.00	33.00	25.00	27.50	10.00
24	0240	39.00	35.00	27.00	30.00	10.00
25	0250	40.00	36.00	27.00	30.00	10.00
28	0280	43.00	40.00	29.00	32.50	10.00
30	0300	45.00	43.00	30.00	32.50	10.00
32	0320	48.00	46.00	30.00	32.50	10.00
33	0330	48.00	46.00	39.00	32.50	10.00
35	0350	50.00	49.00	39.00	32.50	10.00
38	0380	56.00	53.00	42.00	32.00	13.00
40	0400	58.00	56.00	42.00	32.00	13.00
43	0430	61.00	59.00	47.00	32.00	13.00
45	0450	63.00	61.00	47.00	32.00	13.00
48	0480	66.00	64.00	47.00	32.00	13.00
50	0500	70.00	66.00	46.00	33.50	14.00
53	0530	73.00	69.00	56.00	33.50	14.00
55	0550	75.00	71.00	56.00	33.50	14.00
58	0580	78.00	76.00	56.00	38.50	14.00
60	0600	80.00	78.00	56.00	38.50	14.00
63	0630	83.00	81.00	56.00	N/A	14.00
65	0650	85.00	84.00	66.00	38.50	14.00
68	0680	90.00	88.00	64.00	N/A	16.00
70	0700	92.00	89.60	64.00	44.00	16.00
75	0750	97.00	98.00	64.00	44.00	16.00
80	0800	105.00	100.00	72.00	42.00	18.00
85	0850	110.00	107.50	72.00	42.00	18.00
90	0900	115.00	111.00	72.00	47.00	18.00
95	0950	120.00	119.00	72.00	47.00	18.00
100	1000	125.00	123.80	72.00	47.00	18.00