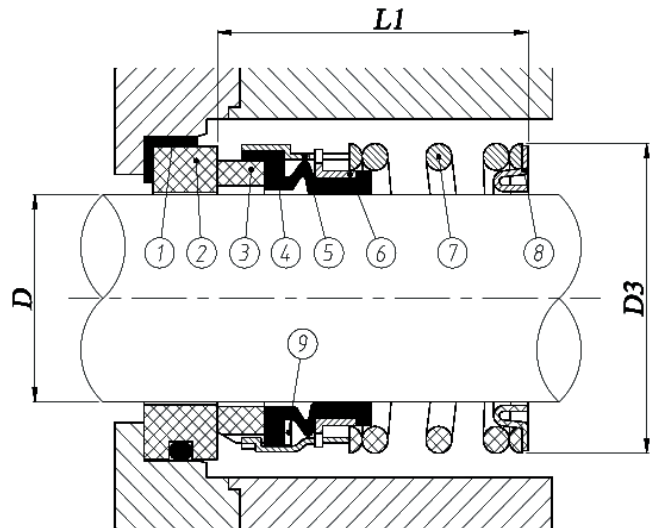


# TYPE NES 1

Equivalent to John Crane 1



- 1 O-Ring Or Cup Rubber
- 2 Stationary Face
- 3 Rotary Face
- 4 Elastomer Bellows
- 5 Retainer
- 6 Driver Band
- 7 Spring
- 8 Spring Holder
- 9 Disc

## Features:

A single spring elastomer bellow seal. It is widely used in pumps and refrigeration compressors.

## Operating Conditions:

Pressure: Up to 10kg/cm<sup>2</sup> (140 PSI)

Temperature: -10°C ~180°C

Speed: Up to 13m/s

## Materials:

Rotary Face: Carbon, SiC, SSiC, TC.

Stationary Face: Ceramic, SiC, SSiC, TC.

Elastomer: NBR, EPDM, Viton®.

Spring: 304SS, 316SS

All Metal Parts: 304SS, 316SS.

All trademarks are the property of their respective owners.

## Seat Compatibility:

Standard: S.

Alternative: U, T.

D		D3		L1	
Inch	mm	Inch	mm	Inch	mm
0.625	15.88	1.094	27.8	1.311	33.3
0.750	19.05	1.217	30.9	1.311	33.3
0.875	22.23	1.343	34.1	1.311	33.3
1.000	25.40	1.500	38.1	1.562	39.7
1.125	28.58	1.625	41.3	1.625	41.3
1.250	31.75	1.812	46.0	1.625	41.3
1.375	34.93	1.875	47.6	1.687	42.8
1.500	38.10	2.000	50.8	1.687	42.8
1.625	41.28	2.250	57.2	2.000	50.8
1.750	44.45	2.375	60.3	2.000	50.8
1.875	47.63	2.500	63.5	2.125	54.0
2.000	50.80	2.625	66.7	2.125	54.0
2.125	53.98	2.812	71.4	2.375	60.3
2.250	57.15	2.937	74.6	2.375	60.3
2.375	60.33	3.062	77.8	2.500	63.5
2.500	63.50	3.187	80.9	2.500	63.5
2.625	66.68	3.375	85.7	2.750	69.9
2.750	69.85	3.500	88.9	2.750	69.9
2.875	73.03	3.625	92.1	2.875	73.0
3.000	76.20	3.750	95.3	2.875	73.0
3.125	79.38	4.000	101.6	3.125	79.4
3.250	82.55	4.125	104.8	3.125	79.4
3.375	85.73	4.250	108.0	3.125	79.4
3.500	88.90	4.375	111.1	3.125	79.4
3.625	92.08	4.500	114.3	3.250	82.6
3.750	95.25	4.625	117.5	3.250	82.6
3.875	98.43	4.750	120.7	3.375	85.7
4.000	101.60	4.875	123.8	3.375	85.7