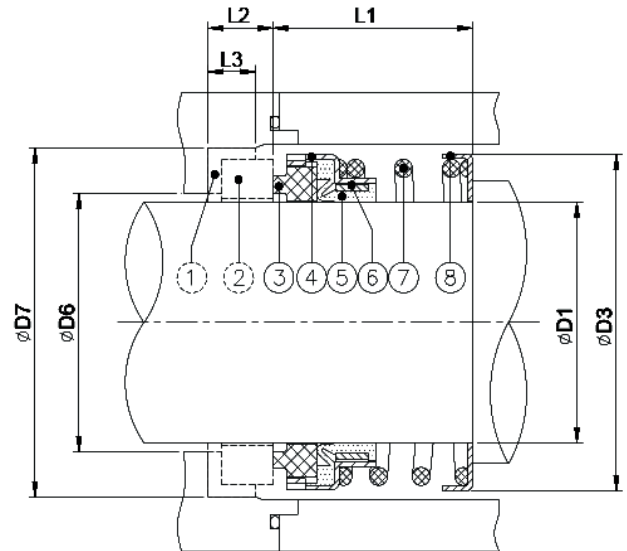


TYPE NES 142S (Inch)

Equivalent to Vulcan 11/22



- 1 Cup Rubber
- 2 Stationary Face
- 3 Rotary Face
- 4 Retainer
- 5 Elastomer Bellow
- 6 Drive Band
- 7 Spring
- 8 Spring Holder

Features:

General purpose seal, widely used in centrifugal, hydraulic, rotary and turbine pumps, compressors, mixer, and other rotary shaft equipment.

Operating Conditions:

Pressure: Up to 10kg/cm² (140 PSI)
 Temperature: -20°C ~180°C
 Speed: Up to 15m/s

Materials:

Rotary Face: Carbon, SSiC, SiC, TC.
 Stationary Face: Ceramic, SSiC, SiC, TC.
 Elastomer: NBR, EPDM, Viton®.
 Spring: 304SS, 316SS
 All Metal Parts: 304SS, 316SS

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Seat Compatibility:

Standard: S.
 Alternatives: D, I, J, V.

D1	D3	D6	D7	L1	L2	L3
0.500	22	17.4	25.40	20.62	7.92	6.35
0.625	26	20.6	31.75	22.22	10.31	8.71
0.750	32	23.8	34.93	22.22	10.31	8.71
0.875	36	27.0	38.10	23.80	10.31	8.71
1.000	39	30.1	41.28	25.40	11.10	9.53
1.125	42	33.3	44.44	26.97	11.10	9.53
1.250	46	36.5	47.63	26.97	11.10	9.53
1.375	49	39.7	50.80	28.58	11.10	9.53
1.500	54	42.8	53.98	28.58	11.10	9.53
1.625	59	46.0	60.33	34.93	12.70	11.10
1.750	61	49.2	63.50	34.93	12.70	11.10
1.875	64	52.4	66.68	38.10	12.70	11.10
2.000	66	55.5	69.85	38.10	12.70	11.10
2.125	69	58.7	76.20	42.88	14.27	12.70
2.250	78	61.9	79.38	42.88	14.27	12.70
2.375	80	65.1	82.55	46.02	14.27	12.70
2.500	83	68.2	85.73	46.02	14.27	12.70
2.625	85	71.4	85.73	49.20	15.88	14.50
2.750	90	74.6	88.90	49.20	15.88	14.50
2.875	95	77.8	95.25	52.37	15.88	14.50
3.000	99	80.9	98.43	52.37	15.88	14.50
3.125	104	84.1	101.60	55.55	19.84	16.66
3.250	109	87.3	104.78	55.55	19.84	16.66
3.375	109	90.4	107.95	55.55	19.84	16.66
3.500	114	93.6	111.13	55.55	19.84	16.66
3.625	119	96.8	114.30	58.72	19.84	16.66
3.750	119	100.0	117.48	58.72	19.84	16.66
3.875	124	103.2	120.65	61.90	19.84	16.66
4.000	124	106.3	123.83	61.90	19.84	16.66