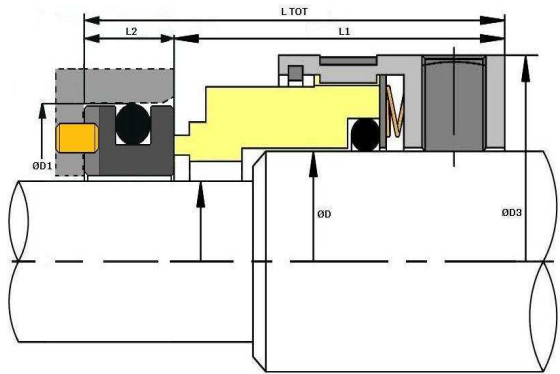




Type 1645BSJ



VULCAN STANDARD SIZES



Imperial Size D	Size Code	Seat Size Code	D1	D3	L1	L2	L TOT
5/8"	0158	0127	25.40	27.00	31.70	7.90	39.60
3/4"	0191	0158	31.75	30.20	31.70	10.30	34.10
7/8"	0222	0191	34.93	33.40	31.70	10.30	42.00
1.0"	0254	0222	38.10	36.50	33.30	10.30	43.60
1.1/8"	0286	0254	41.28	39.70	34.90	11.10	46.00
1.1/4"	0317	0286	44.45	42.90	34.90	11.10	46.00
1.3/8"	0349	0286	44.45	49.30	42.80	11.10	53.90
1.1/2"	0381	0317	47.63	49.30	36.40	11.10	47.50
1.5/8"	0412	0349	50.80	57.20	40.40	11.10	51.50
1.3/4"	0444	0381	53.98	58.80	44.40	11.10	55.50
1.7/8"	0476	0412	60.33	63.50	44.40	12.70	57.10
2.0"	0508	0444	63.50	66.70	44.40	12.70	57.10
2.1/8"	0539	0476	66.68	71.50	52.30	12.70	65.00
2.1/4"	0571	0508	69.85	72.30	44.40	12.70	57.10
2.3/8"	0603	0539	76.20	76.20	52.30	14.30	66.60
2.1/2"	0635	0571	79.38	79.40	44.40	14.30	58.70
2.5/8"	0666	0603	82.55	82.60	52.30	14.30	66.60
2.3/4"	0698	0635	85.73	85.70	52.30	14.30	66.60
2.7/8"	0730	0666	85.73	88.90	52.30	15.90	68.20
3.0"	0762	0698	88.90	92.10	52.30	15.90	68.20
3.1/8"	0794	0730	95.25	95.30	52.30	15.90	68.20
3.1/4"	0825	0762	98.43	98.40	52.30	15.90	68.20
3.3/8"	0857	0794	101.60	101.60	52.30	19.88	72.18
3.1/2"	0889	0825	104.78	104.80	52.30	19.88	72.18
3.5/8"	0921	0857	107.95	108.00	52.30	19.88	72.18
3.3/4"	0953	0889	111.13	111.10	52.30	19.88	72.18
3.7/8"	0984	0921	114.30	114.30	52.30	19.88	72.18
4.0"	1016	0953	117.48	117.50	52.30	19.88	72.18

Imperial shaft size, multiple spring, step-balanced 'O'-ring mounted rotary with 'O'-ring mounted seat, with axial anti-rotation pin provision.
Especially suited for medium and heavy pump duties where the media allows use of elastomeric components.

STANDARD FACE MATERIALS
Rotary Face: M825 Carbon, RB Silicon Carbide.
Seat Ring: Q1 Silicon Carbide, Q2 Silicon Carbide, Tungsten Carbide.

Suggested Operating Limits
Pressure 320psi Speed 25m/s
Temperature -100 to +200°C
Limits are dependant upon shaft size, shaft speed, temperature, and media to be sealed.