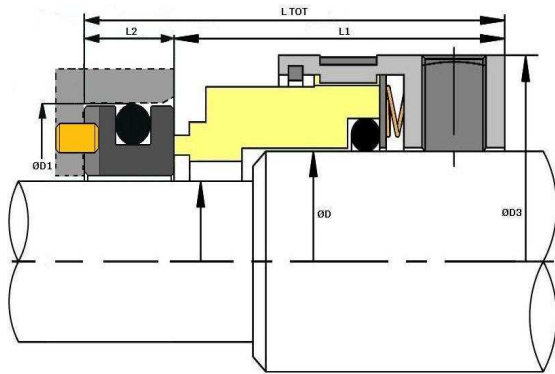




# Type 1609BSH



## VULCAN STANDARD SIZES



Imperial Size D	Size Code	Seat Size Code	D1	D3	L1	L2	L TOT
5/8"	0158	0127	27.79	30.70	27.00	8.74	35.74
3/4"	0191	0158	30.95	34.70	30.00	10.32	34.10
7/8"	0222	0191	34.15	38.10	32.00	10.32	42.32
1.0"	0254	0222	37.30	40.50	33.00	10.32	43.32
1.1/8"	0286	0254	40.50	43.50	35.00	10.32	45.32
1.1/4"	0317	0286	47.63	48.30	35.00	11.99	46.99
1.3/8"	0349	0286	47.63	52.00	37.00	11.99	48.99
1.1/2"	0381	0317	50.80	55.60	37.00	11.99	48.99
1.5/8"	0412	0349	53.98	61.00	45.00	11.99	56.99
1.3/4"	0444	0381	57.15	64.30	45.00	11.99	56.99
1.7/8"	0476	0412	60.35	65.10	45.00	11.99	56.99
2.0"	0508	0444	63.50	70.70	45.00	11.99	56.99
2.1/8"	0539	0476	66.68	77.00	52.00	11.99	63.99
2.1/4"	0571	0508	69.85	79.90	52.00	13.50	65.50
2.3/8"	0603	0539	73.05	83.10	52.00	13.50	65.50
2.1/2"	0635	0571	76.20	86.60	52.00	13.50	65.50
2.5/8"	0666	0603	79.40	89.60	52.00	13.50	65.50
2.3/4"	0698	0635	82.55	92.80	52.00	13.50	65.50
2.7/8"	0730	0666	92.10	95.50	52.00	15.90	67.90
3.0"	0762	0698	95.25	97.70	52.00	15.90	67.90
3.1/8"	0794	0730	98.43	100.50	52.00	15.90	67.90
3.1/4"	0825	0762	101.65	105.30	52.00	15.90	67.90
3.3/8"	0857	0794	111.15	108.30	52.00	19.80	71.80
3.1/2"	0889	0825	114.30	111.50	52.00	19.80	71.80
3.5/8"	0921	0857	117.50	114.90	52.00	19.80	71.80
3.3/4"	0953	0889	120.65	118.00	52.00	19.80	71.80
3.7/8"	0984	0921	123.85	121.20	52.00	19.80	71.80
4.0"	1016	0953	127.00	124.60	52.00	19.80	71.80
4.1/8"	1047	0984	130.20	127.70	52.00	19.80	71.80

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.