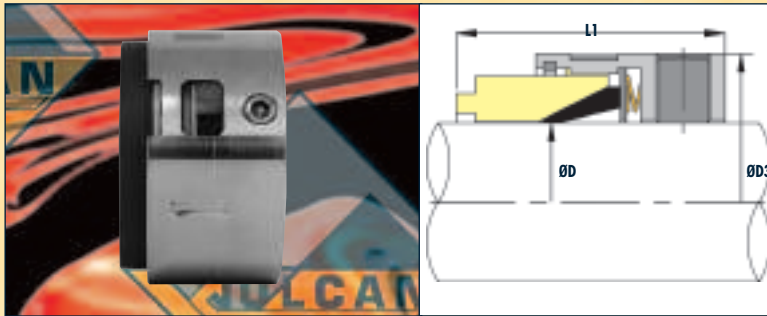




# TYPE 1645/1645S



Narrow profile, multiple-spring seal, designed for common American installation dimensions, in chemical process industry equipment. Complies with ANSI B73-1974 centrifugal pump standard. Standard Type 1645 utilises a PTFE Wedge secondary seal and Type 1645S uses an 'O'-Ring. Commonly fitted with Vulcan Type 25 seat.

## VULCAN STANDARD SIZES

Shaft Size DØ			D3		L1	
Inch	Metric	Code Size	Metric	Inch	Metric	Inch
0.500	12.70	0127	23.80	0.937	23.80	0.937
0.625	15.88	0158	27.00	1.063	23.80	0.937
0.750	19.05	0191	30.20	1.189	23.80	0.937
0.875	22.23	0222	33.40	1.315	23.80	0.937
1.000	25.40	0254	36.50	1.437	25.40	1.000
1.125	28.58	0286	39.70	1.563	25.40	1.000
1.250	31.75	0317	42.90	1.689	25.40	1.000
1.375	34.93	0349	49.30	1.941	34.90	1.374
1.437	36.50	0365	49.30	1.941	28.60	1.126
1.500	38.10	0381	49.30	1.941	28.60	1.126
1.625	41.28	0412	57.20	2.252	29.40	1.157
1.750	44.45	0444	58.80	2.315	34.90	1.374
1.875	47.63	0476	63.50	2.500	34.90	1.374
2.000	50.80	0508	66.70	2.626	34.90	1.374
2.125	53.98	0539	71.50	2.815	42.80	1.685
2.250	57.15	0571	72.30	2.846	34.90	1.374
2.375	60.33	0603	76.20	3.000	42.80	1.685
2.500	63.50	0635	79.40	3.126	34.90	1.374
2.625	66.68	0666	82.60	3.252	42.80	1.685
2.750	69.85	0698	85.70	3.374	42.80	1.685
2.875	73.03	0730	88.90	3.500	42.80	1.685
3.000	76.20	0762	92.10	3.626	42.80	1.685
3.125	79.38	0794	95.30	3.752	42.80	1.685
3.250	82.55	0826	98.40	3.874	42.80	1.685
3.375	85.73	0857	101.60	4.000	42.80	1.685
3.500	88.90	0889	104.80	4.126	42.80	1.685
3.625	92.08	0921	108.00	4.252	42.80	1.685
3.750	95.25	0953	111.10	4.374	42.80	1.685
3.875	98.43	0984	114.30	4.500	42.80	1.685
4.000	101.60	1016	117.50	4.626	42.80	1.685

### STANDARD STOCK FACE MATERIALS

Rotary Face: Carbon.

OTHER FACE MATERIALS TO ORDER

### Suggested Operating Limits

PRESSURE 240psi

SPEED 25m/s

TEMPERATURE -100 +200°C

Dependent upon shaft diameter and speed + Temperature and media to be sealed