

## Type 1

Equivalent to John Crane Type1 (US Standard)

Equivalent to Vulcan TypeA5

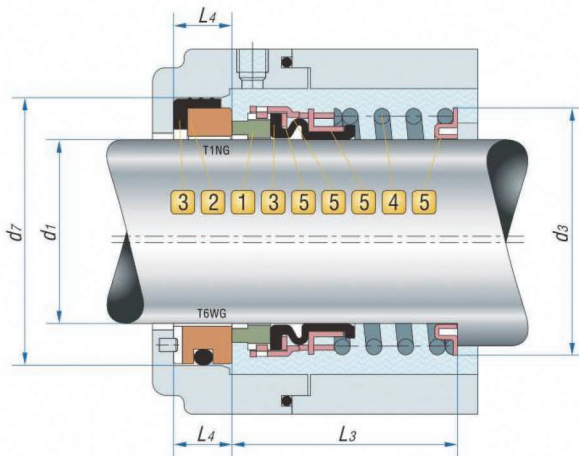
## Type FBC

### OPERATING CONDITIONS

Pressure:  $P=0\sim 1.7\text{MPa}$

Temperature:  $t=-40^{\circ}\text{C}\sim 200^{\circ}\text{C}$

Velocity:  $V_g\leq 13\text{m/s}$



### COMBINED MATERIALS

- 1 Rotary Face: Carbon/SiC/TC
- 2 Stationary Seat: Ceramic/SiC/TC
- 3 Flexible Member: NBR/VITON/EPDM
- 4 Spring: Stainless Steel
- 5 Metal Parts: Stainless Steel

### 1 DIMENSIONAL DATA (mm)

(Size) (Specification)	d <sub>1</sub> (h6)	d <sub>3</sub> (Max)	d <sub>7</sub> (H8)	L <sub>3</sub> (±0.5)	L <sub>4</sub>
1-0.750	19.05	30.9	34.92	33.32	10.3
1-0.875	22.23	34.1	38.10	34.93	10.3
1-1.000	25.40	38.1	41.27	39.67	11.1
1-1.125	28.58	41.3	44.45	41.28	11.1
1-1.250	31.75	46.0	47.62	41.28	11.1
1-1.375	34.93	47.6	50.80	42.85	11.1
1-1.500	38.10	50.8	53.97	42.85	11.1
1-1.625	41.28	57.2	60.33	50.80	12.7
1-1.750	44.45	60.3	63.50	50.80	12.7
1-1.875	47.63	63.5	66.68	53.98	12.7
1-2.000	50.80	66.7	69.85	53.98	12.7
1-2.125	53.98	71.4	76.20	60.33	14.3
1-2.250	57.15	74.6	79.37	60.33	14.3
1-2.375	60.33	77.8	82.55	63.50	14.3
1-2.500	63.50	80.9	85.72	63.50	14.3
1-2.625	66.68	85.7	85.73	69.85	15.9
1-2.750	69.85	88.9	88.90	69.85	15.9
1-2.875	73.03	92.1	95.25	73.03	15.9
1-3.000	76.20	95.3	98.42	73.03	15.9

### Seat Compatibility

Standard: 'T1NG' seat

Alternatives: 'T6WG' seat

### FBC DIMENSIONAL DATA (mm)

(Size) (Specification)	d <sub>1</sub> (h6)	d <sub>3</sub> (Max)	d <sub>7</sub> (H8)	L <sub>3</sub> (±0.5)	L <sub>4</sub>
FBC-16	16	29	30	34.0	8
FBC-18	18	31	32	34.0	8
FBC-20	20	33	34	34.0	8
FBC-22	22	35	36	34.0	8
FBC-25	25	38	39	37.0	8
FBC-28	28	42	43	38.0	8
FBC-30	30	45	48	38.0	8
FBC-35	35	49	53	39.0	10
FBC-40	40	57	58	44.0	10
FBC-45	45	62	63	47.0	10
FBC-50	50	67	68	54.0	10
FBC-55	55	72	73	54.0	12
FBC-60	60	78	79	55.5	12
FBC-65	65	84	86	55.5	12
FBC-70	70	89	91	57.0	12
FBC-75	75	94	96	63.0	12
FBC-80	80	103	105	62.0	14
FBC-85	85	108	110	68.0	14
FBC-90	90	113	115	68.0	14
FBC-95	95	118	120	68.0	14
FBC-100	100	123	125	68.0	14