

## RB1B

### Operating Limits

**Pressure:** 150 psi [1.0 MPa] max

**Speed:** 2400 ft/min [12 m/s] max

**Temperature:** -20 to 400 °F [-30 to 200 °C]

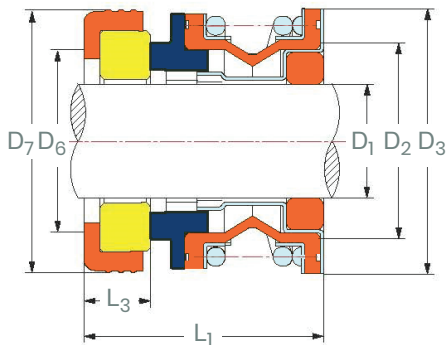
- **Face/Primary Ring** (Thermoset Carbon/Carbon/SiC/TC)
- **Seat/Mating Ring** (Alumina/SiC/TC)
- **Secondary Seals** (NBR/EPDM/FKM)
- **Spring & Hardware** (SS304/SS316)



### Design Features:

- Rubber bellows accommodates equipment play and misalignment.
- Single-spring design reduces buildup and clogging risk.
- Relatively compact, one-piece rubber bellows design easily installs and operates in a wide range of small pump applications.

SEAL SIZE (INCHES)	D <sub>1</sub>	D <sub>7</sub>	D <sub>3</sub>	D <sub>6</sub>	D <sub>2</sub>	L <sub>1</sub>	L <sub>3</sub>
5/16	0.312	1.000	1.062	0.630	0.812	0.969	0.315
3/8	0.375	0.875	0.937	0.563	0.686	0.875	0.244
1/2	0.500	1.000	1.061	0.687	0.812	0.898	0.244
5/8	0.625	1.185	1.218	0.812	0.937	1.043	0.343
5/8 H	0.625	1.250	1.218	0.812	0.937	1.181	0.406
5/8 K	0.625	1.250	1.218	0.812	0.937	1.122	0.406
3/4 H	0.750	1.375	1.343	0.937	1.058	1.181	0.406
3/4 C	0.750	1.375	1.343	0.937	1.058	1.122	0.406
1	1.000	1.625	1.687	1.187	1.312	1.249	0.437
1 1/8	1.125	1.75	1.811	1.319	1.437	1.25	0.437



Replace John Crane Type 6 with "N" seat