

AUTO COOLING PUMP SEAL

F

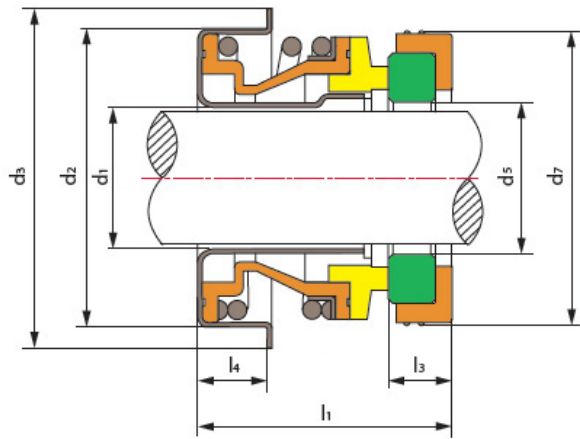
Operating Limits

Pressure: 0.6MPa

Speed: 15m/s

Temperature: -30 C ~200 C

- Rotary Ring (Ceramic/SiC/TC)
- Stationary Ring(Carbon/SiC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Other Parts(S.S/SUS304/SUS316)



Model	d1	d2	d3	d5	d7	l1	l3	l4
F-10	11	24	29	12	23	17	4	7
F-12S	14.2	28.55	32	14	25	18.2	5	8
F-12M	14.2	30	35	15	24/23	18	5	8
F-12L	14.2	33.4	38	14	25	18	5	6.7
F-16	18.2	36.45	41.5	18	31	19.8	5	8
F-16L	18.2	38.1	41.5	18	31	19.8	5	8
F-20	21.2	40	43.8	21	35	20.5	5	9.5
F-25	26.4	47	51	29	44	25	7	10
F-25L	26.4	52	57	29	48	25	7	10
F-30	31	52	57	32	48	27	8	11
F-1/2"	14.2	30	35	13.5	25.4	19.2	6.2	8
F-5/8"	18.2	36.45	41.5	17.5	31.75	25	10.3	8
F-3/4"	21.2	40	43.8	20	34.925	25.8	10.3	10
F-1"	26.4	47	51	27	41.275	29	11.1	12

FB

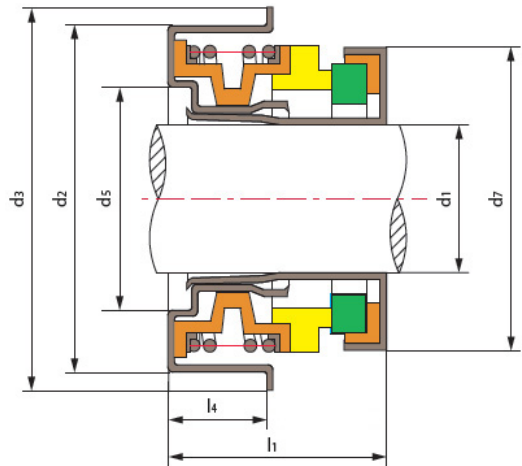
Operating Limits

Pressure: 0.6Mpa

Speed: 10m/s

Temperature: -30 C ~200 C

- Rotary Ring (Ceramic/SiC/TC)
- Stationary Ring(Carbon/SiC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Spring & Other Parts(S.S/SUS304/SUS316)



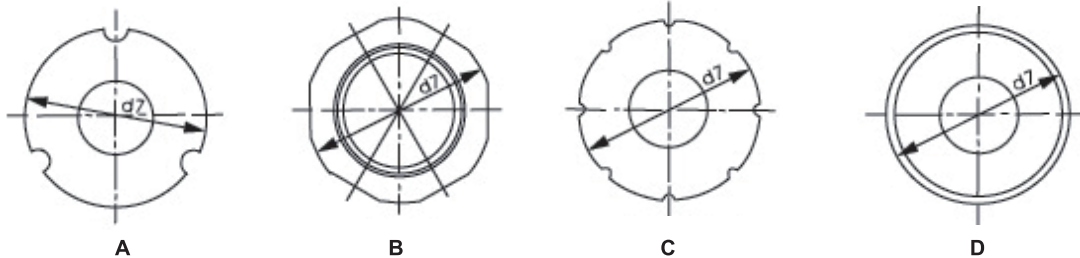
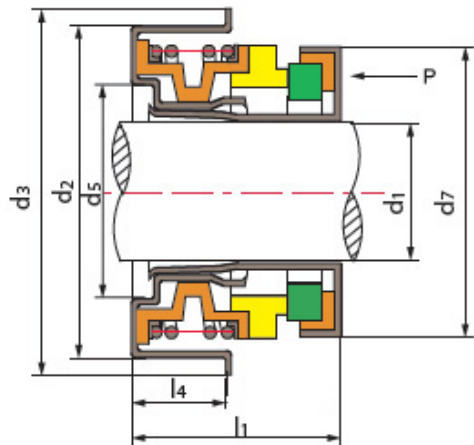
Model	d1	d2	d3	d5	d7	l1	l4
FB-12S	12	28.55	32	18.5	25/26	17.5	8
FB-12M	12	30	35	18.5	25/26	17.5	8
FB-12L	12	33.4	38	18.5	25/26	17.5	6.7
FB-13	13	30	35	18.5	25/26	18	8
FB-16	16	36.45	41.5	22.5	30.5	20.5	8
FB-16T	16	36.45	41.5	19.3	31.5	20.5	8
FB-16L	16	38.1	41.5	22.5	30.5	20.5	8
FB-20	20	38/40	43.8	26.5	37	22	9.5
FB-20T	20	40	43.8	28	37	22	9.5

FB(Inch)

Operating Limits

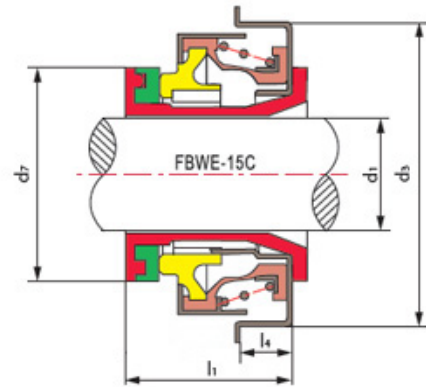
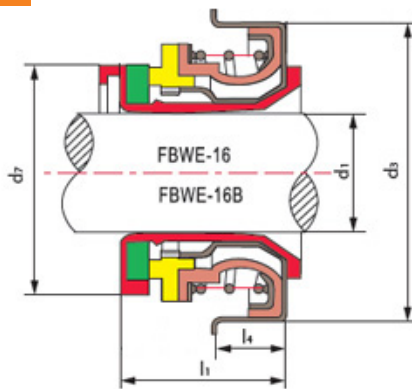
Pressure: 0.6Mpa
 Speed: 10m/s
 Temperature: -30°C~200°C

- Rotary Ring (Ceramic/SiC/TC)
- Stationary Ring (Ceramic/SiC/TC)
- Secondary Seal (NBR/EPDM/VITON)
- Spring & Other Parts(S.S/SUS304/SUS316)



Model	d1(inches)	d2	d3	d5	d7	l1	l4
FB-1/2"	12.7	30	35	18.5	25	17.5	8
FB-5/8"	15.875	36.45	41.5	22.5	30.5	20.5	8.5
FB-3/4"	19	40	43.8	26.5	37	22	9.5
FB-5/8"A	15.875	36.45	41.5	22	29	20	8.5
FB-3/4"B	19.05	40	43.8	23	35.8	22	9.2
FB-3/4"C	19.05	40	43.8	23	34	22	9.2
FB-3/4"D	19.05	40	44	22	36.5	19.5	8.6

FBWE



Operating Limits

Pressure: 0.6MPa
 Speed: 12m/s
 Temperature: -30°C~200°C

- Sleeve (NBR/VITON)
- Stationary Seat (Brozen H68/SUS304)
- Bellows (NBR/VITON)
- Spring Holder (Brozen H68/SUS304)
- Spring (SUS304/SUS316)
- Retainer (Brozen H68/SUS304)
- Stationary ring (Carbon/SiC/TC)
- Rotary ring (Ceramic/SiC/TC)

Model	d1	d3	d7	l1	l4
FBWE-16A	16	36.5	28	20.5	7.4
FBWE-16B	16	36.5	31.5	20.5	7.4
FBWE-15C	15	36.5	28.5	20.5	7

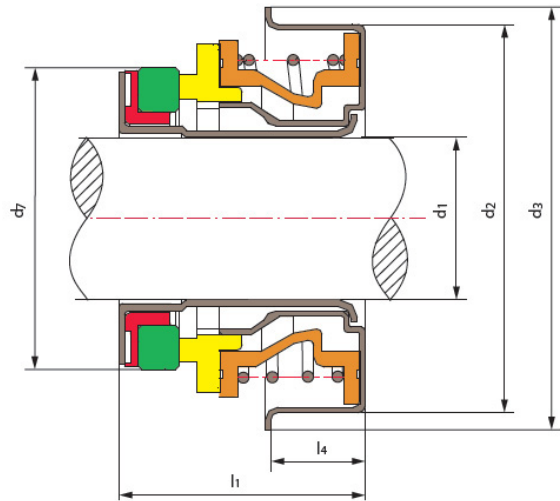
Operating Limits

Pressure: 0.6Mpa

Speed: 12m/s

Temperature: -30 °C~200 °C

- Axial pipe (SUS304/SUS316)
- Retainer (SUS304/SUS316)
- Bellows (NBR/EPDM/VITON)
- Spring (65Mn/SUS304/SUS316)
- Rotary ring (Ceramic/SiC/TC)
- Stationary ring (Carbon/SiC/TC)
- Cup gasket (NBR/EPDM/VITON)



Model	d1	d2	d3	d7	l1	l4
FBM-12S	12	28.55	32	24	18.5	8
FBM-12M	12	30	35	24	18.5	8
FBM-12L	12	33.4	38	24	18.5	6.7
FBM-16S	16	36.5	41.6	26	20.5	8
FBM-16L	16	38.1	41.6	26	20.5	8
FBM-20	20	40	43.8	29.5	21.5	10.5



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