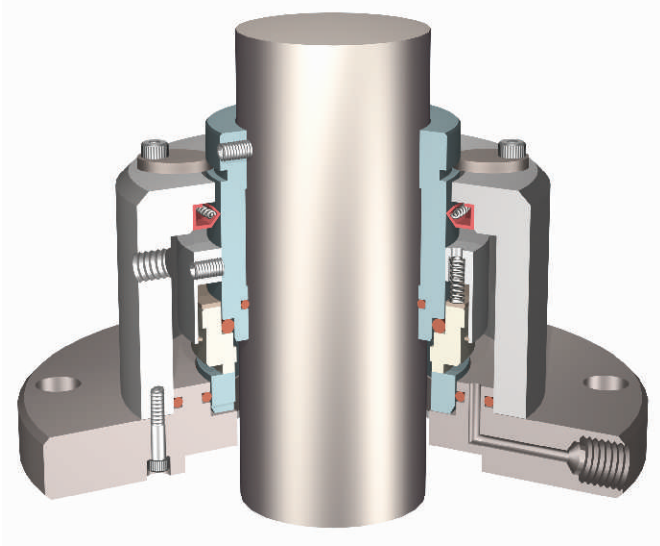


SSDB-E1

SINGLE DUAL BALANCED AGITATOR SEALS



SSDB-E1 seals employ dual balanced multispring seals with dynamic 'O' ring of bigger cross-section for higher reliability. Seal ring is of heavy duty design and stationery face is hydraulically balanced to avoid accidental pop-up

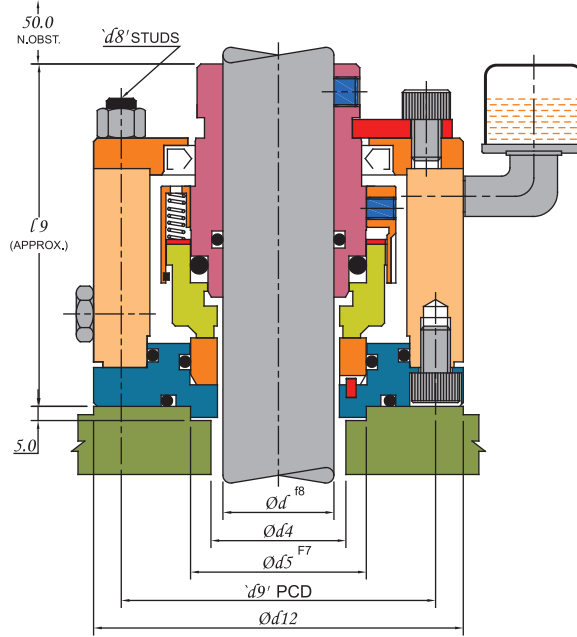
- DRY / WET RUNNING OPTION
- FOR VESSEL PRESSURE UPTO 6 BAR
- UN-PRESSURISED SEALANT
- CARTRIDGE CONSTRUCTION
- GMP OPTION AVAILABLE
- EXTENDED SERVICE LIFE



APPLICATIONS :

- REACTORS
- HIGH VACUUM APPLICATIONS

INSTALLATION DIMENSIONS



SEAL SIZE	d	d4	d5	d8	d9' PCD	d12	l9	SEAL SIZE	d	d4	d5	d8	d9' PCD	d12	l9
0476(0250)	25.0	30.0	47.5	4,M8	85.00	100.0	95.00	1111(0900)	90.00	95.00	115.0	4,M10	157.5	180.0	120.0
0476(0300)	30.0	35.0	47.5	4,M8	85.00	100.0	95.00	1174(0950)	95.00	100.0	120.0	4,M10	162.5	185.0	120.0
0539(0350)	35.0	40.0	53.5	4,M8	92.50	107.5	95.00	1174(1000)	100.0	105.0	120.0	4,M12	165.0	187.5	120.0
0603(0400)	40.0	45.0	60.0	4,M8	97.50	112.5	100.0	1238(1050)	105.0	110.0	127.5	4,M12	172.5	195.0	120.0
0666(0450)	45.0	50.0	67.5	4,M8	102.5	117.5	105.0	1301(1100)	110.0	115.0	132.5	6,M12	185.0	207.5	120.0
0730(0500)	50.0	55.0	72.5	4,M8	115.0	130.0	110.0	1365(1150)	115.0	120.0	140.0	6,M12	187.5	210.0	125.0
0730(0550)	55.0	60.0	72.5	4,M8	115.0	130.0	110.0	1428(1200)	120.0	125.0	145.0	6,M12	195.0	217.5	125.0
0793(0600)	60.0	65.0	80.0	4,M8	125.0	140.0	110.0	1428(1250)	125.0	130.0	145.0	6,M12	195.0	217.5	125.0
0857(0650)	65.0	70.0	86.0	4,M10	132.5	157.5	110.0	1492(1300)	130.0	135.0	152.5	6,M12	202.5	225.0	125.0
0920(0700)	70.0	75.0	92.5	4,M10	137.5	157.5	110.0	1555(1350)	135.0	140.0	162.5	6,M12	207.5	230.0	125.0
0920(0750)	75.0	80.0	92.5	4,M10	137.5	157.5	110.0	1619(1400)	140.0	145.0	165.0	6,M12	215.0	237.5	125.0
0984(0800)	80.0	85.0	97.5	4,M10	145.0	165.0	120.0	1682(1450)	145.0	150.0	177.5	6,M12	220.0	242.5	130.0
1047(0850)	85.0	90.0	105.0	4,M10	150.0	170.0	120.0	1746(1500)	150.0	155.0	185.0	6,M12	227.5	250.0	130.0

LIMITING PARAMETERS

PRESSURE
FULL VACUUM TO 6 BAR

TEMPERATURE
- 40° C TO 150° C

SPEED
2 m/sec

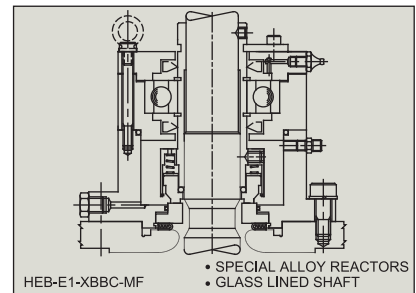
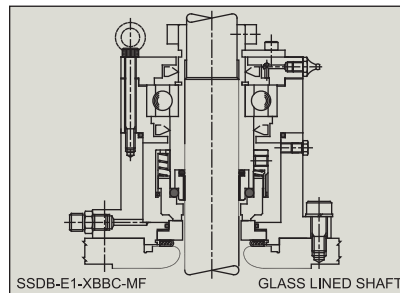
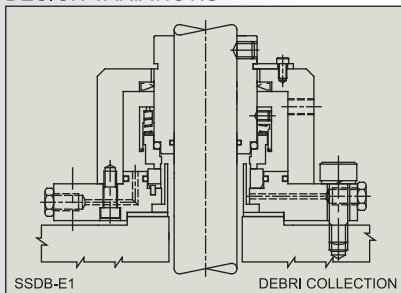
MATERIALS

METAL PARTS
SS316 SPECIAL MOC ON REQUEST

FACE COMBINATIONS	
ROTARY	STATIONARY
CARBON	SiC, TC
SiC	SiC

ELASTOMERS
VITON, EPR, SILICON RUBBER PTFE, GFT, STV AFLAS, FFKM

DESIGN VARIATIONS



Due to continuous improvement specifications & dimensions may change without prior notice