

# SSDB-E2 DRY RUNNING AGITATOR SEAL

- ECONOMIC ALTERNATIVE TO GLAND PACKING
- DUAL BALANCED SEAL DESIGN
- PRESSURE BALANCED SEAT WITH NO CLAMPING STRESS
- SELF LUBRICATING FACES
- FOR VESSEL PRESSURE UPTO 6 BAR
- GMP VERSION AVAILABLE
- INNOVATIVE SEAL SETTING MECHANISM

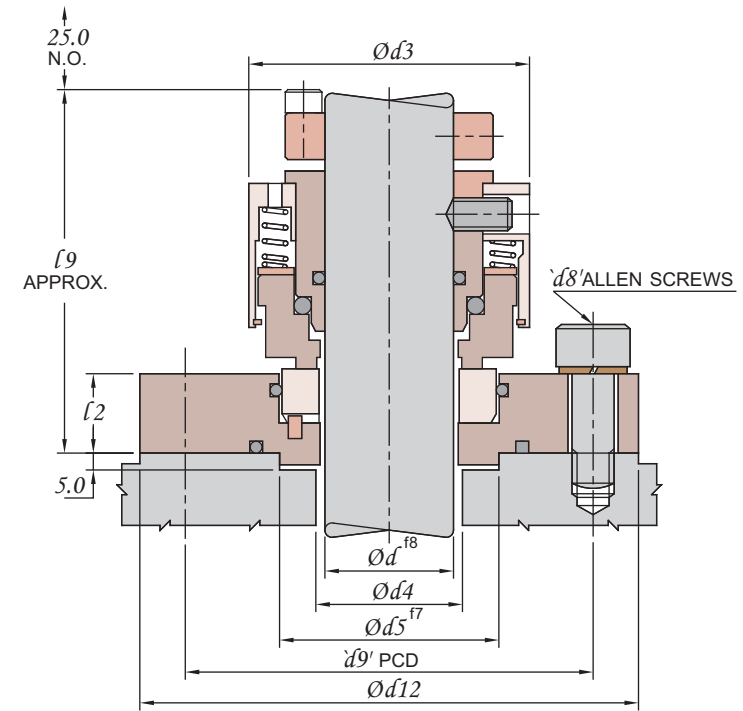


HIFAB dry running single seals type SSDB-E2 can replace conventional gland packing effectively and economically. An innovative seal setting collar simplifies the installation even on large diameter shafts. Hydraulically balanced stationary face is free from any clamping stresses which cause leakage during start-up. The seal can tolerate large radial run out.

### APPLICATIONS :

- TOP ENTRY AGITATORS
- PHARMA REACTORS
- FERMENTORS
- MULTIMILLS
- ROTOCON DRYERS

### INSTALLATION DIMENSIONS



SIZE CODE	d	d3	d4	d5	d8	d9'PCD	d12	l2	l9	SIZE CODE	d	d3	d4	d5	d8	d9'PCD	d12	l2	l9
0250	25.0	63.50	30.0	47.5	4,M8	85.00	100.0	17.0	90.00	0900	90.00	133.35	95.00	115.0	4,M10	157.5	187.5	21.0	105.0
0300	30.0	63.50	35.0	47.5	4,M8	85.00	100.0	17.0	90.00	0950	95.00	139.70	100.0	120.0	4,M10	162.5	187.5	21.0	105.0
0350	35.0	71.42	40.0	53.5	4,M8	92.50	107.5	17.0	90.00	1000	100.0	139.70	105.0	120.0	4,M12	165.0	187.5	21.0	105.0
0400	40.0	76.20	45.0	60.0	4,M8	97.50	112.5	17.0	90.00	1050	105.0	146.05	110.0	127.5	4,M12	172.5	195.0	21.0	105.0
0450	45.0	82.55	50.0	67.5	4,M8	102.5	117.5	17.0	95.00	1100	110.0	155.57	115.0	132.5	6,M12	185.0	217.5	21.0	105.0
0500	50.0	93.68	55.0	72.5	4,M8	115.0	140.0	17.0	100.0	1150	115.0	161.90	120.0	140.0	6,M12	187.5	217.5	21.0	105.0
0550	55.0	93.68	60.0	72.5	4,M8	115.0	140.0	17.0	100.0	1200	120.0	168.30	125.0	145.0	6,M12	195.0	217.5	21.0	105.0
0600	60.0	101.60	65.0	80.0	4,M8	125.0	140.0	17.0	100.0	1250	125.0	168.30	130.0	145.0	6,M12	195.0	217.5	21.0	105.0
0650	65.0	107.95	70.0	86.0	4,M10	132.5	157.5	17.0	100.0	1300	130.0	174.60	135.0	152.5	6,M12	202.5	225.0	24.0	120.0
0700	70.0	114.30	75.0	92.5	4,M10	137.5	157.5	17.0	100.0	1350	135.0	181.00	140.0	162.5	6,M12	207.5	230.0	24.0	120.0
0750	75.0	114.30	80.0	92.5	4,M10	137.5	157.5	17.0	100.0	1400	140.0	187.30	145.0	165.0	6,M12	215.0	237.5	24.0	120.0
0800	80.0	120.65	85.0	97.5	4,M10	145.0	170.0	21.0	105.0	1450	145.0	193.67	150.0	177.5	6,M12	220.0	242.5	24.0	120.0
0850	85.0	127.00	90.0	105.0	4,M10	150.0	170.0	21.0	105.0	1500	150.0	200.00	155.0	185.0	6,M12	227.5	250.0	24.0	125.0

# HSP-E2 SPLIT SEAL

- EXTREMELY EASY TO INSTALL
- STURDY AND RUGGED CONSTRUCTION
- SITE REPAIRABLE
- DESIGNED FOR HEAVY EQUIPMENTS WITH PROVEN PERFORMANCE



HIFAB Split Seal components are split into two equal halves which are unitized on mixer shaft. These seals can be installed without dismantling of Motor & Gear box. It saves enormous time required for seal installation, dismantling & overhauling, resulting into enhanced safety & environmental compliance

\* DIMENSIONS AVAILABLE ON REQUEST

### LIMITING PARAMETERS

PRESSURE	TEMPERATURE	SPEED
FULL VACUUM TO 6 BAR	- 40°C TO 150°C	1 m/sec

### MATERIALS

METAL PARTS	SEAL FACES ROTARY      STATIONARY	ELASTOMERS
SS316 SPECIAL MOC ON REQUEST	CARBON SIC      SIC, TC	VITON, EPR, SILICON PTFE, GFT, STV AFLAS, FFKM

### DESIGN VARIATIONS

