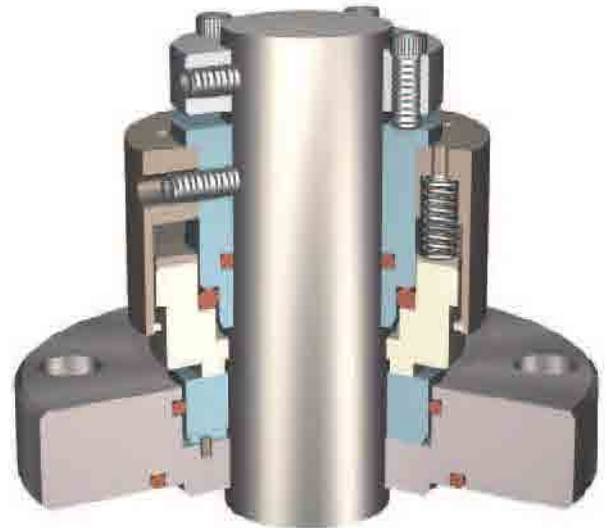


## DRY RUNNING AGITATOR SEALS

- 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

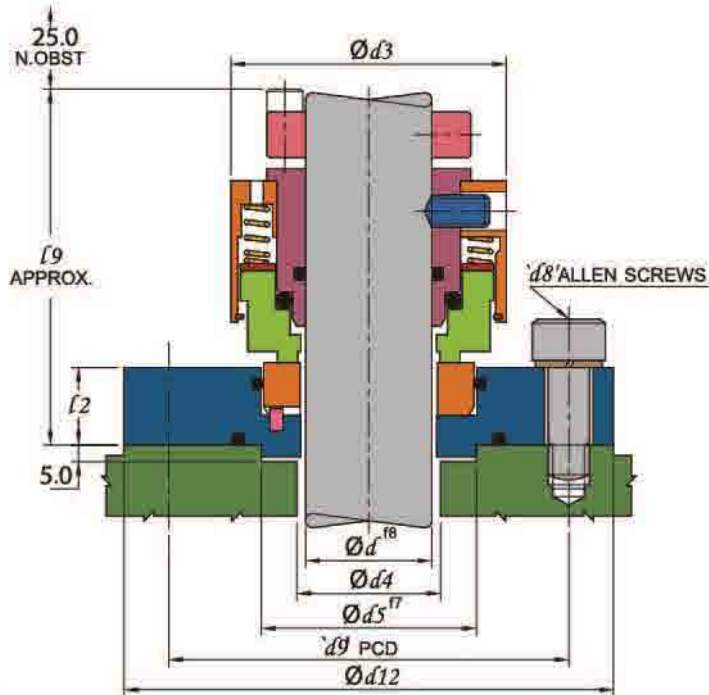


PSS dry running single seals type MSD-N can replace conventional gland packing effectively and economically. An innovative seal setting collar simplifies the installation even on large diameter shafts. Hydraulically balanced stationary face is free from any clamping stresses which cause leakage during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



### APPLICATIONS :

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



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	83.50	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	83.50	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

### LIMITING PARAMETERS

PRESSURE
FULL VACUUM TO 6 BAR

TEMPERATURE
- 40° C TO 150° C

SPEED
1 m/sec

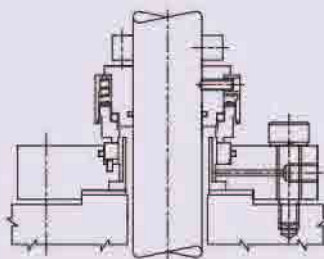
### MATERIALS

METAL PARTS
SS316 SPECIAL MOC ON REQUEST

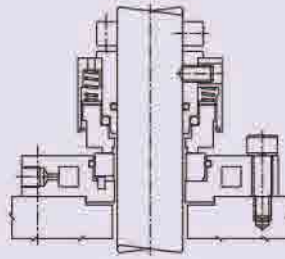
SEAL FACES	
ROTARY	STATIONARY
CARBON SIC	SIC, TC

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

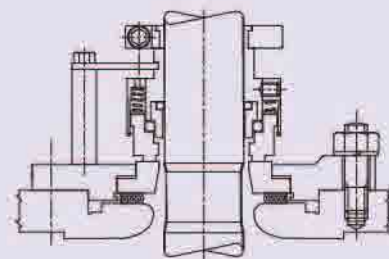
### DESIGN VARIATIONS



DEBRI COLLECTION



INTEGRAL HEAT TRAP



• SPECIAL ALLOY REACTORS  
• GLASS LINED SHAFT

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