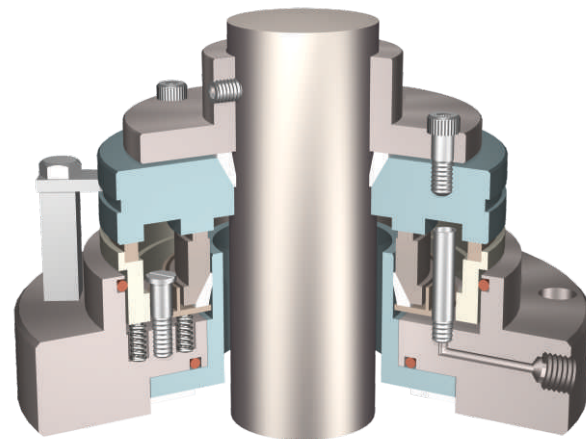


# HCAx | DOUBLE COAXIAL RETROFIT SEAL

- FOR QUICK CONVERSION FROM GLAND PACKING
- FOR WORN-OUT SHAFTS
- CAN TOLERATE 3.8mm SHAFT RUNOUT / ECCENTRICITY & OUT OF SQUARE PAD FLANGE
- LOW HEAD ROOM REQUIRED
- CAN BE EASILY ADOPTED TO FIT ON ANY EXISTING PAD FLANGE
- STEAM STERILLIZATION OPTION AVAILABLE
- TORQUE TRANSMISSION WITH SHRINK DISC



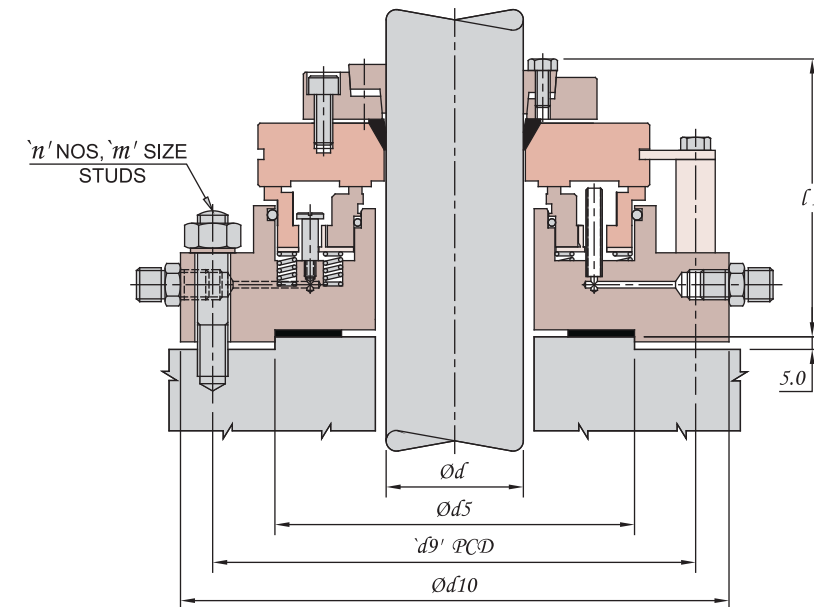
HCAx seals are Double Coaxial seals which require very low head room and can tolerate large shaft run-outs. They are used as retrofit seals for quick conversion of gland packing on reactors handling toxic and hazardous media.

### APPLICATIONS :

- GLAND PACKED REACTORS
- FERMENTORS
- GLASS LINED REACTORS
- ROTOcone DRYERS



### INSTALLATION DIMENSIONS



$d$	$d5$	$d9$ PCD	$d10$	$l9$	$m$	$n$
40.0	160.0	190.0	210.0	130.0	M12	6
50.0	165.0	200.0	220.0	155.0	M12	6
60.0	180.0	220.0	240.0	155.0	M12	6
70.0	190.0	230.0	250.0	160.0	M12	8
80.0	200.0	240.0	260.0	160.0	M12	8
90.0	220.0	260.0	285.0	160.0	M16	8
100.0	220.0	260.0	285.0	165.0	M16	8
110.0	240.0	280.0	305.0	165.0	M16	8
120.0	260.0	300.0	325.0	165.0	M16	8

- The dimensions given above are preferred dimensions. However, these can be altered to suit the existing equipment for retrofit purpose.
- Dimensions for higher sizes available on request

### LIMITING PARAMETERS

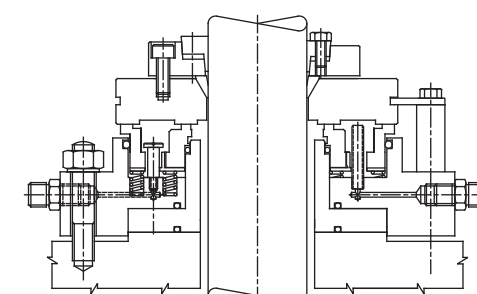
PRESSURE	TEMPERATURE	SPEED
FULL VACUUM TO 16 BAR	- 40° C TO 200° C*	2 m/sec

### MATERIALS

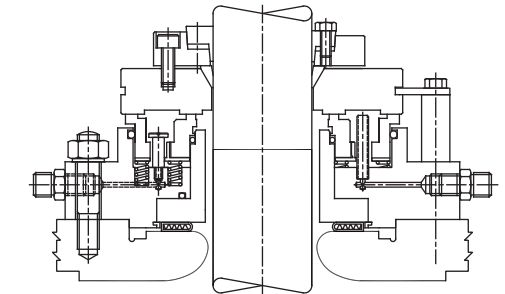
METAL PARTS	SEAL FACES		ELASTOMERS
	ROTARY	STATIONARY	
SS316 HAST-C ALLOY-20	HIFALLOY	CARBON, SIC	VITON, EPR, SILICON PTFE, GFT AFLAS, FFKM
	SIC		
	HAST-C		

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

### DESIGN VARIATIONS



FOR SPECIAL ALLOY



FOR GLASSLINED REACTORS

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