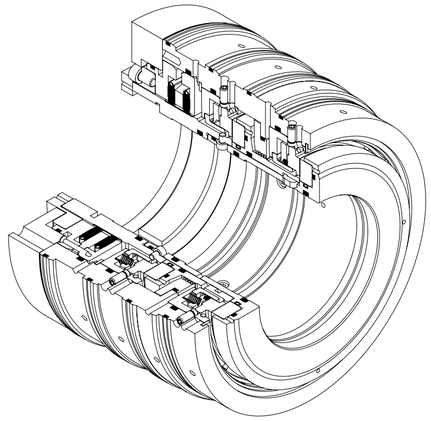
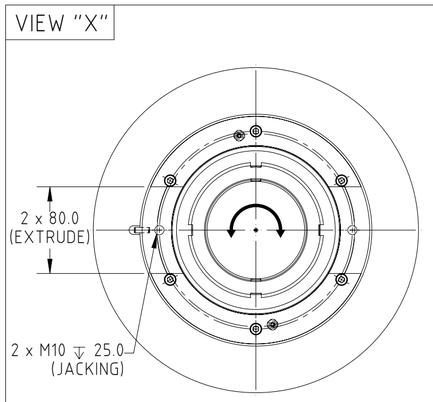
DWG. NO:

PRODUCT CODE: -





INSTALLATION AND OPERATION INSTRUCTIONS

1. SEAL SHOULD BE OPERATED WITHIN PRESCRIBED PARAMETERS. IN ABSENCE OF ANY PARAMETER IN THIS DRAWING, USER SHALL CONSULT LEAK-PROOF ENGINEERING BEFORE USE.
2. ALL SEAL PARTS ARE CRITICAL. OBSERVE CLEANLINESS AND EXTRA CARE WHILE HANDLING.
3. PROVIDE O-RING ENTRY CHAMFER AND REMOVE ALL SHARP EDGES AND BURRS ON SHAFT/SLEEVE BEFORE INSTALLATION.
4. LUBRICATE SHAFT/SLEEVE AND WEDGE/O-RING TO ASSIST INSTALLATION. DO NOT USE OIL/GREASE ON EPR/EPDM O-RING. DO NOT USE SILICON BASED GREASE ON SILICON O-RING. LUBRICATE THEM WITH WATER OR SOAP BASED SOLUTION.
5. BLEED ALL LINES AND SEAL CHAMBER AND ENSURE THAT ALL CONNECTIONS ARE TIGHT.
6. OPEN ALL FLUSHING/QUENCHING VALVES AND ENSURE FLUID FLOW ON MULTIPLE SEAL ARRANGEMENTS PRIOR TO EQUIPMENT START-UP.
7. FOR DETAILED INSTALLATION, OPERATION AND DISPOSAL INSTRUCTIONS PLEASE READ THE APPROPRIATE LEAK-PROOF ENGINEERING SEAL OPERATING MANUAL.

EQUIPMENT CONDITION

SYMBOL	DESCRIPTION		VALUE
↗	SHAFT/SLEEVE RUNOUT (PER 1mm OF SHAFT DIAMETER)		0.001mm TIR
↗	BOX/PAD FACE RUNOUT WITH RESPECT TO SHAFT AXIS (PER 1mm OF SHAFT DIAMETER)		0.001mm TIR
◎	BOX/PAD BORE CONCENTRICITY WITH RESPECT TO SHAFT AXIS (PER 1mm OF SHAFT DIAMETER)		0.001mm TIR
⟷	SHAFT AXIAL MOVEMENT (END PLAY)		±1.0mm TIR
√	SHAFT/SLEEVE SURFACE ROUGHNESS	O-RING	0.8µm Ra MAX.
		WEDGE/V-PACK	0.25µm Ra MAX.
√	BOX/PAD FACE SURFACE ROUGHNESS		1.6µm Ra
√	BOX/PAD BORE SURFACE ROUGHNESS		3.2µm Ra

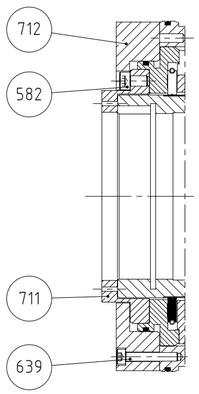
GENERAL NOTES
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THIS DRAWING, PLEASE ASK IF IN DOUBT.
3. RECOMMENDED SPARES ARE MENTIONED IN BILL OF MATERIAL.
4. PARTS NOT NUMBERED ARE IN CLIENT'S SCOPE.

MECHANICAL SEAL DETAILS

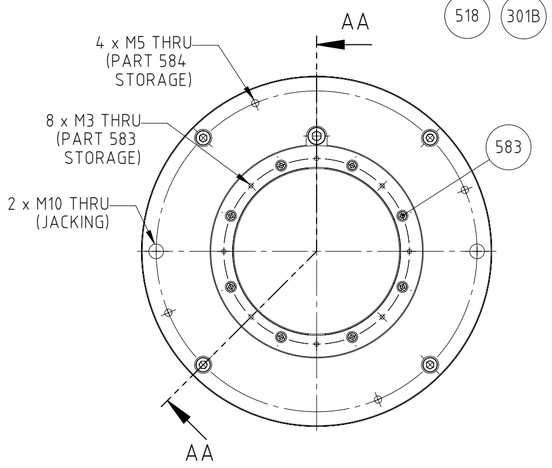
SEAL SERIES:								IB SEAL SIZE:	
								OB SEAL SIZE:	
SEAL CONSTRUCTION:	CARTRIDGE SEAL							SHAFT SIZE:	97mm
MATERIAL CODE	INBOARD								
	OUTBOARD								
API SEAL CODE:								SPRT SYS DRG NO.:	

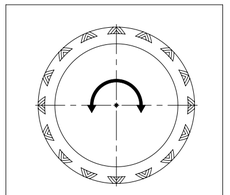
ORDER DETAILS

DRF. NO:	DRF. DATE:
P.O. NO:	P.O DATE:
OFM. NO:	OFM. DATE:
O.A.NO:	O.A. DATE:



SECTION AA-AA





MATING RING VIEW "X"

SEAL SUPPORT SYSTEM					
CONNECTION:					
FLUID TYPE:					
FLUID:					
FLUID PR:					
FLUID TEMP:					
FLOW RATE:					

OPERATING PARAMETERS		CUSTOMER/EQUIPMENT DETAILS	
SUC PR:	FLUID:	BUYER:	
DISC PR:	TEMP:	USER:	
BOX PR:	VISCOSITY:	EQPT TYPE:	SEAL ORIENT.:
VES PR:	SP.GR:	EQPT MAKE:	TAG NO:
RPM:	VAP PR:	EQPT MODEL:	REF. DRG. NO:

LEAK-PROOF ENGINEERING (I) PVT. LTD.
MUMBAI, INDIA
WWW.LEAKPROOFSEALS.COM | INFO@LEAKPROOFSEALS.COM

DRWN:	SIZE:	DWG. NO:	REV:	ISSUE:	FIRST ANGLE PROJECTION
CHKD:					
APVD:	DATE:	SCALE:	WGT:	SHEET:	

DWG. NO.
SW DRG