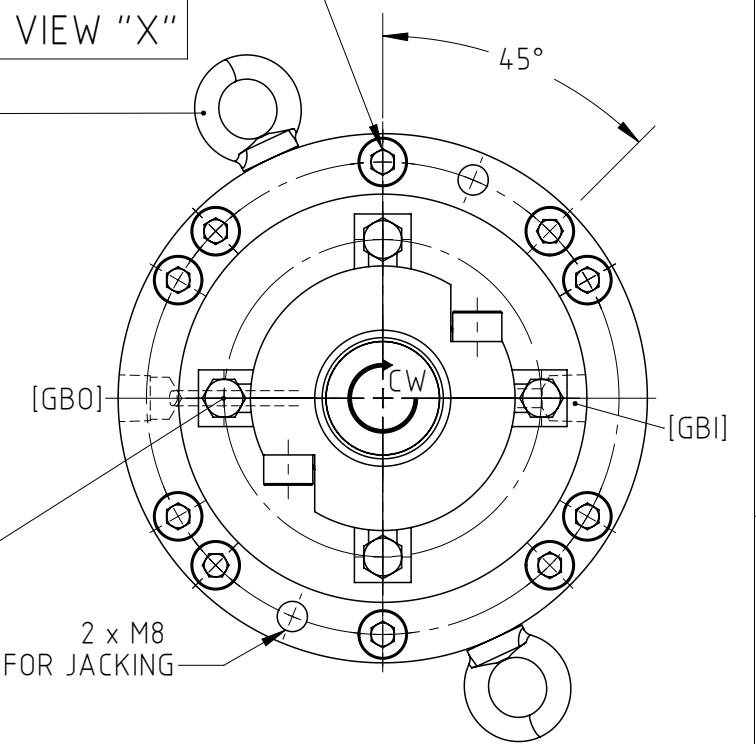
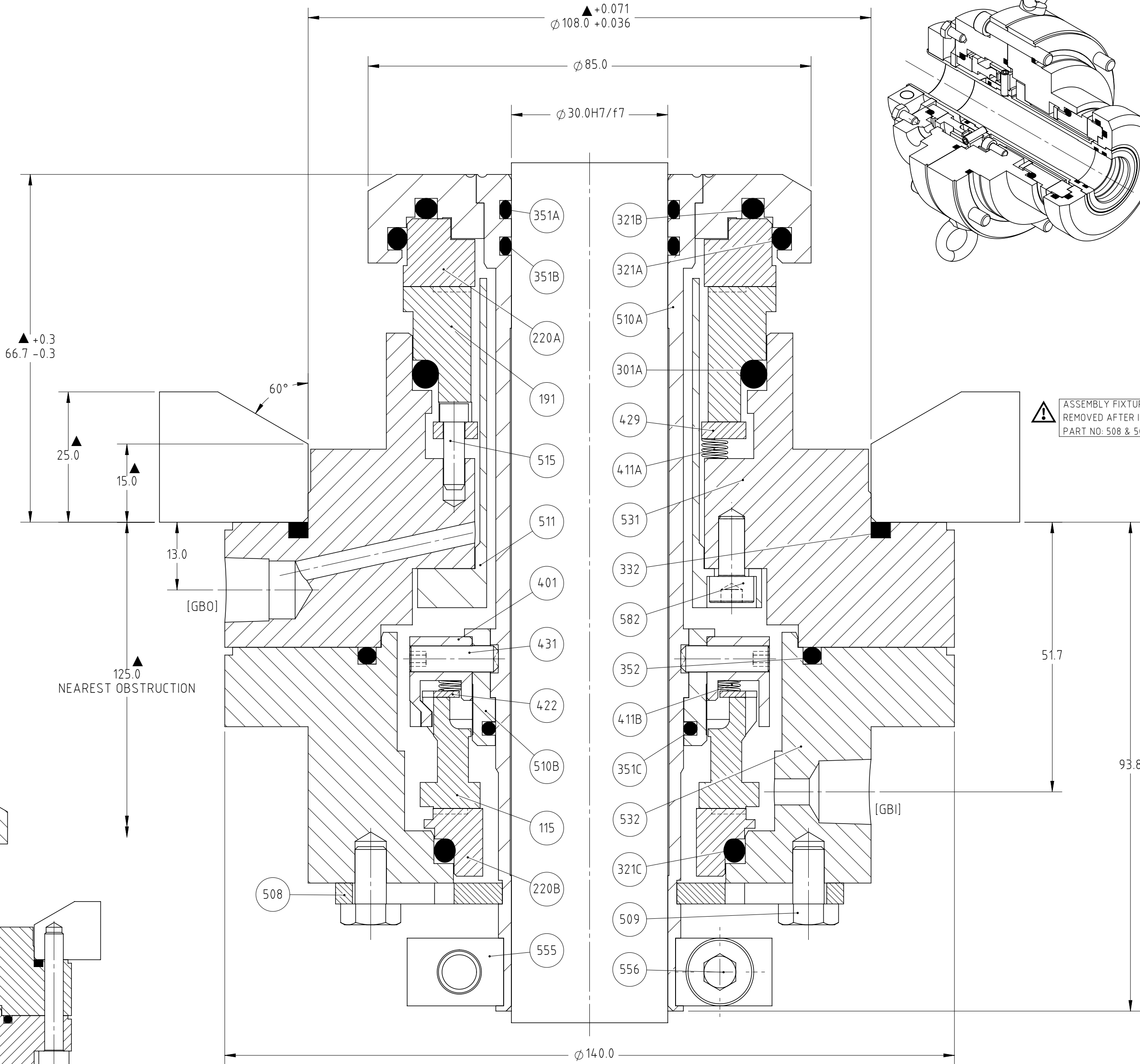


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PRODUCT CODE: -

REVISIONS					
REV	DETAILS	ZONE	APVD	ECN #	DATE



INSTALLATION AND OPERATION INSTRUCTIONS

- SEAL SHOULD BE OPERATED WITHIN PRESCRIBED PARAMETERS. IN ABSENCE OF ANY PARAMETER IN THIS DRAWING, USER SHALL CONSULT LEAK-PROOF ENGINEERING BEFORE USE.
- ALL SEAL PARTS ARE CRITICAL. OBSERVE CLEANLINESS AND EXTRA CARE WHILE HANDLING.
- PROVIDE O-RING ENTRY CHAMFER AND REMOVE ALL SHARP EDGES AND BURRS ON SHAFT/SLEEVE BEFORE INSTALLATION. 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.
- BLEED ALL LINES AND SEAL CHAMBER AND ENSURE THAT ALL CONNECTIONS ARE TIGHT.
- OPEN ALL FLUSHING/QUENCHING VALVES AND ENSURE FLUID FLOW ON MULTIPLE SEAL ARRANGEMENTS PRIOR TO EQUIPMENT START-UP.
- FOR DETAILED INSTALLATION, OPERATION AND DISPOSAL INSTRUCTIONS PLEASE READ THE APPROPRIATE LEAK-PROOF ENGINEERING SEAL OPERATING MANUAL.

EQUIPMENT CONDITION

SYMBOL	DESCRIPTION	MAX. VALUE
	SHAFT/SLEEVE RUNOUT (PER 1mm OF SHAFT DIAMETER)	0.002mm TIR
	BOX/PAD FACE RUNOUT WITH RESPECT TO SHAFT AXIS (PER 1mm OF SHAFT DIAMETER)	0.002mm TIR
	BOX/PAD BORE CONCENTRICITY WITH RESPECT TO SHAFT AXIS (PER 1mm OF SHAFT DIAMETER)	0.0025mm TIR
	SHAFT AXIAL MOVEMENT (END PLAY)	0.25mm TIR
	SHAFT/SLEEVE SURFACE ROUGHNESS	O-RING 0.8µm Ra
		WEDGE/V-PACK 0.25µm Ra
	BOX/PAD FACE SURFACE ROUGHNESS	1.6µm Ra
	BOX/PAD BORE SURFACE ROUGHNESS	3.2µm Ra

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

MECHANICAL SEAL DETAILS

SEAL SERIES:		IB SEAL SIZE:	
		OB SEAL SIZE:	
SEAL CONSTRUCTION:		SHAFT SIZE:	
MATERIAL CODE	INBOARD		
	OUTBOARD		
API SEAL CODE:			

ORDER DETAILS

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



LEAK-PROOF ENGINEERING (I) PVT. LTD.

MUMBAI, INDIA

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

API PLAN DESCRIPTION		API PLAN DETAILS		OPERATING PARAMETERS		CUSTOMER/EQUIPMENT DETAILS	
PLAN	DESCRIPTION	API PLAN:		SUC PR:	FLUID:	BUYER:	IPEC ENGINEERING PVT. LTD.
74	PRESSURIZED BARRIER GAS SYSTEM FOR DUAL GAS SEALS.	FLUID TYPE:		DISC PR:	TEMP:	USER:	
		FLUID:		BOX PR:	VISCOSITY:	EQPT TYPE:	HOMOGENIZER
		FLUID PR:		VES PR:	SP.GR:	EQPT MAKE:	
		FLUID TEMP:				TAG NO:	
		FLOW RATE:		RPM:	VAP PR:	REF. DRG. NO:	