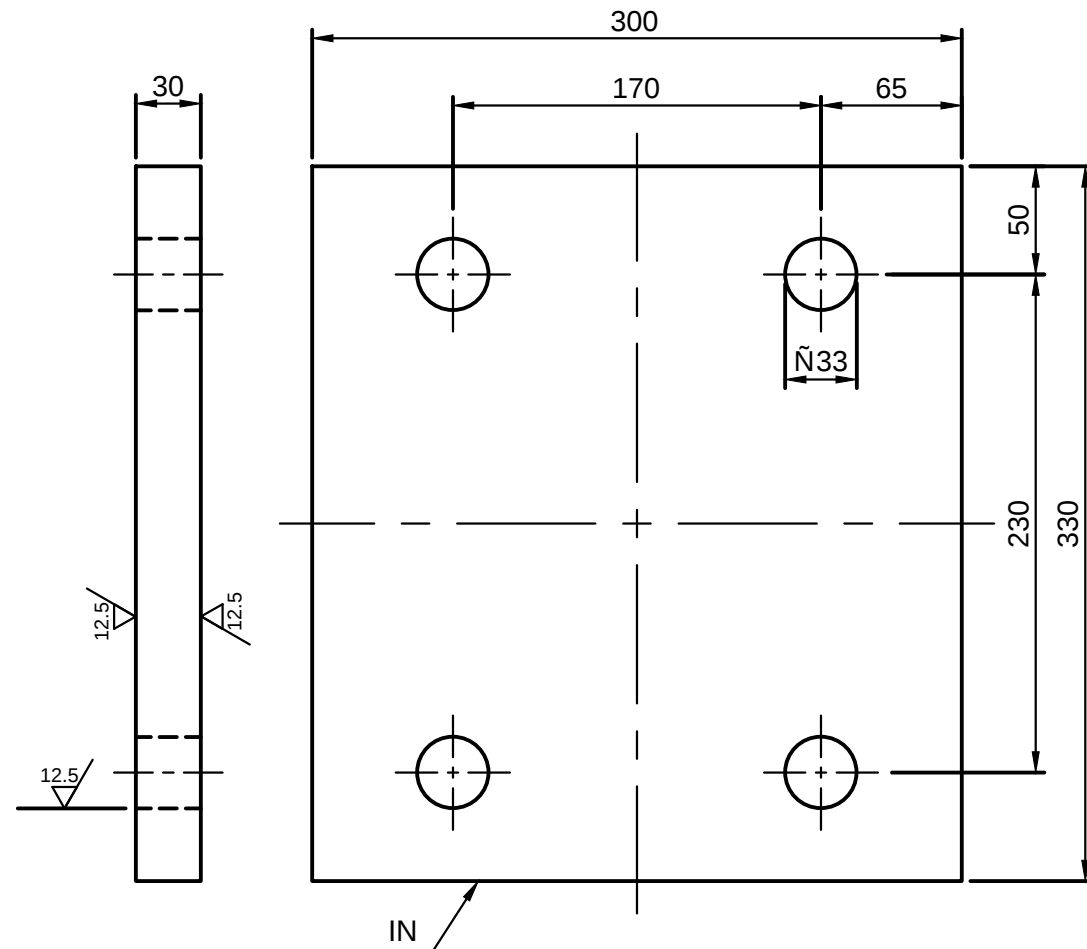


FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

FORM: DG-38(B)

3-11224-56001
DRAWING NO.



$$\left(\frac{12.5}{\sqrt{R_z 100}} = \sqrt{\frac{R_z 100}{R_{max} 160}} \right)$$

FIG.-1

TECHNICAL REQUIREMENTS:-

- IDENTIFICATION SHALL BE ACC. TO HW0400397 AT A PLACE MARKED WITH IN.
- ALL UNDIMENSIONED EDGES ARE CHAMFERED TO 0.5X45°.

TECHNICAL DATA :-

✓ ALL OVER UNLESS OTHERWISE STATED

- A. ITEM : INSULATION PLATE
B. MATERIAL : DOTHERM 700
C. SIZE : AS PER FIGURE-1 IN FINISH MACHINED CONDITION

PROPERTIES	UNIT	VALUE	TEST STANDARD
SPECIFIC GRAVITY	g/cm ³	1.75	ISO 1183
WATER ABSORPTION	%	15	ISO 62
OPERATING TEMPERATURE, CONTINUOUS	°C	700	—
COEFFICIENT OF LINEAR THERMAL EXPANSION	10 ⁻⁶ x K ⁻¹	6	DIN 51045
THERMAL CONDUCTIVITY	W/mK	0.37	DIN 52612
SHRINKAGE AT OPERATING TEMPERATURE	%	0.5	AFTER 12h
COMPRESSIVE STRENGTH AT 23°C	N/mm ²	120	ISO 604
FLEXURAL STRENGTH AT 23°C	N/mm ²	32	ISO 178
ELECTRIC STRENGTH	KV/3mm	8.7	IEC 243-1
ARC RESISTANCE	SECONDS	>370	VDE 0303 PART 71

- D. SIEMENS REFERENCE : ITEM AT POS. NO.2 OF SIEMENS DRG. NO.
12436-909550/215-BL1 (DSPPG-0148664),
REFERED IN SIEMEN'S PART LIST PSK050K878.

W98311224013

GRADE OF UNTOL. DIM.:— M/CG- V/C/M/F AA 0230208 WELDING-A/B/C/D-AA621104 GAS CUTTING-'T3'AA0621101		CBOM NO. 0-11224-56000/00		STATUS OF DRG.		TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT				STEAM TURBINE					
REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	AGREED DEPT.	NAME	SIGN	DATE	DRN	H.SINGH	—SD—	17/08/2012	NO.OF VAR.	
						BHARAT HEAVY ELECTRICALS LTD. HARDWAR				CHD	N.NIRALA	—SD—	21/08/2012		
										APD	V.S.	—SD—	12/09/2012	73, 74	
						DEPT. STE		SCALE N.T.S		WEIGHT(Kg.) 5.0		REF. TO ASSY. DRG. 0-11224-56000		ITEM NO. 02	NO.OF ITEMS 75, 77
						TITLE INSULATION PLATE				DRAWING NO. 3-11224-56001					
										SHEET NO. 01		NO.OF SHEETS 01			

SIZE A3