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DSPPG-0009028 Rev.A
10838-909570/219
REF. DRG NO.

SIGN & DATE

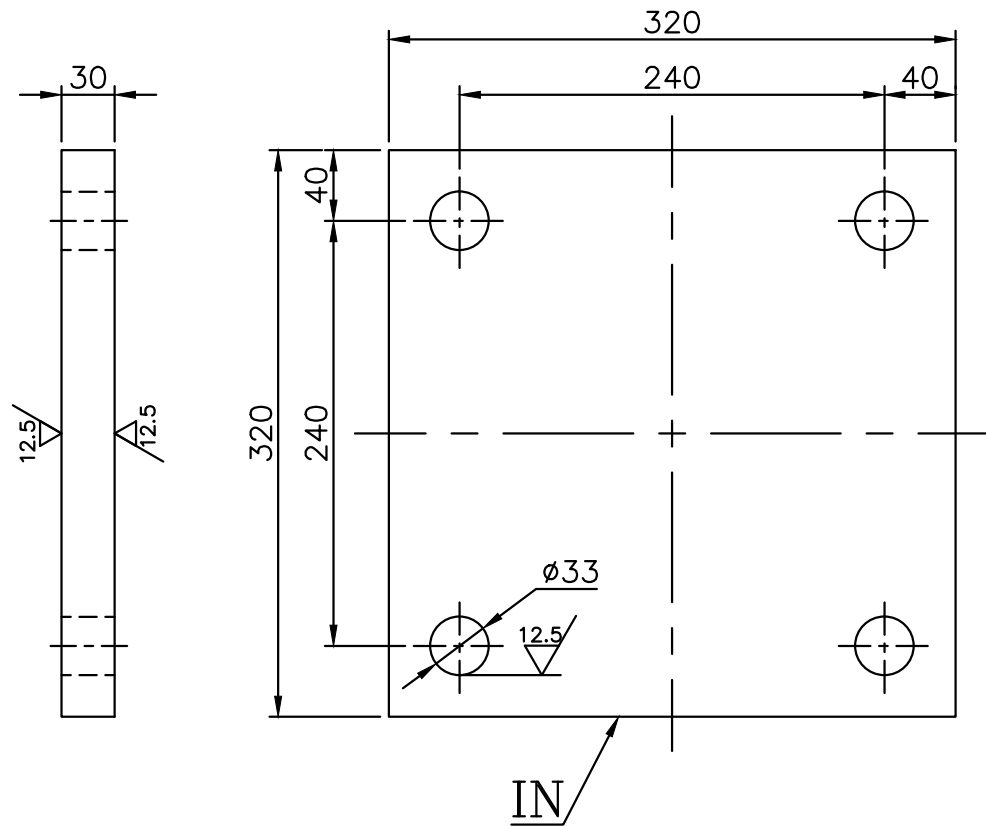
INVENTORY NO.

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

FORM: DG-38(B)

DRAWING NO.
3-11323-56001



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

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 : FRATHERNIT H91/DOTHERM 700
C. SIZE : AS PER FIGURE-1 IN FINISH MACHINED CONDITION

PROPERTIES	UNIT	VALUE
DENSITY	g/cm ³	1.75
FLEXURAL STRENGTH AT 23°C	N/mm ²	30-32
COMPRESSIVE STRENGTH AT 23°C	N/mm ²	110-120
COEFFICIENT OF THERMAL EXPANSION	10 ⁻⁶ K ⁻¹	6-13
THERMAL CONDUCTIVITY	W/mK	0.37
OPERATING TEMPERATURE	°C	700
THERMAL SHRINKAGE	%	0.4
WATER ABSORPTION	%	15
ELECTRIC STRENGTH	KV/mm	2.8
ARC RESISTANCE	SECONDS	>370

- D. SIEMENS REFERENCE : ITEM AT POS. NO.14 OF SIEMENS DRG. NO.
12436-909570/215-BL2 (DSPPG-0148709),
REFERED IN SIEMEN'S PART LIST PSK050L411.

W98311323011

CBOM NO. 01132356000-00		STATUS OF DRG.		TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT		STEAM TURBINE					
AGREED DEPT.	NAME	SIGN	DATE	NAME OF CUSTOMER/ PROJECT		STEAM TURBINE					
GRADE OF UNTOL. DIM.:—				NAME				SIGN	DATE	NO.OF VAR.	
M/CG- V/C/M/F AA 0230208				DRN				H.SINGH	—SD—	16.01.14	
WELDING-A/B/C/D-AA621104				CHD				H.G./N.N.	—SD—	29.01.14	
GAS CUTTING-'T3'AA0621101				APD				R.RAWAT	—SD—	20.03.14	73, 74
REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	DEPT. STE	SCALE	WEIGHT(Kg.)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
						CODE 4011	N.T.S	12.5	0-11323-56000	04	75, 77
						TITLE		DRAWING NO.			
						INSULATION PLATE		3-11323-56001			
								SHEET NO. 01		NO.OF SHEETS 01	

SIZE A3