FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

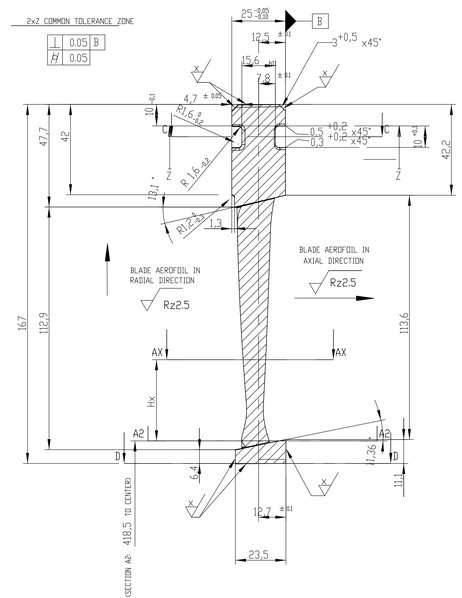
DRG. NO 0-301-75-00016 SHT. 31 OF 41

SECTION B-B

DIRECTION OF STEAM FLOW

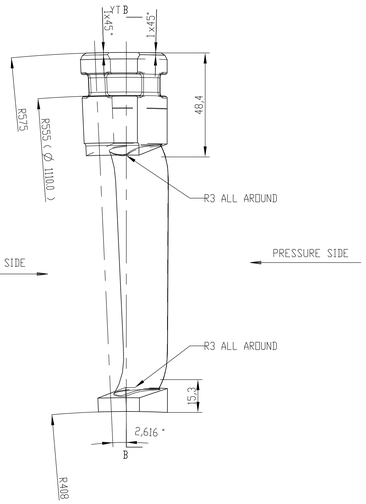
POS. NO.: 01

DESIGN "RIGHT"

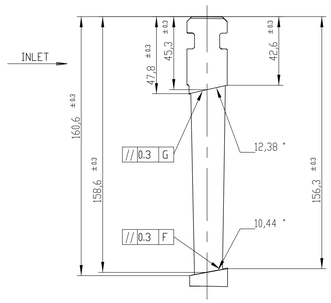


SCHEME FOR D AND S DIMENSIONS

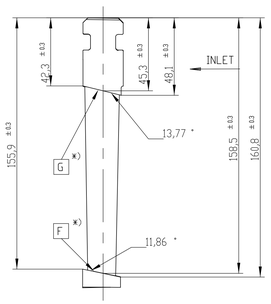
*) REFERED TO ADJACENT BLADE



PRESSURE SIDE



SUCTION SIDE



SECTION AX	Hx	Lges	AMI	UMA	RHk	BBi	D
A1 - A1	-10.0	23.18	7.67	9.75	0.12	49.24	7.47
A2 - A2	0.0	23.75	7.87	4.44	0.13	49.06	7.65
A6 - A6	12.0	24.44	8.12	1.30	0.13	48.85	7.88
A21-A21	57.0	27.02	9.04	3.10	0.14	48.06	8.71
A35-A35	99.0	29.42	9.88	5.12	0.16	47.33	9.48

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 15.2 MM

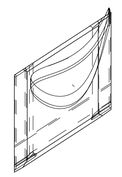
3.2 ALL OVER EXCEPT OTHERWISE STATED (= Rz100 Rmax160 = 12.5 = Rz2.5 = 0.4 = Rz10 = 1.6)

DESIGN: "LEFT"

POS.NO: 01

L

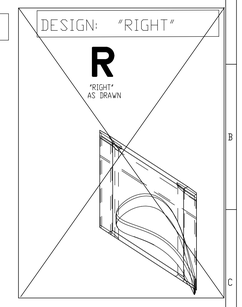
"LEFT" REVERSED IMAGE



DESIGN: "RIGHT"

R

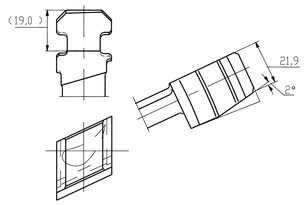
"RIGHT" AS DRAWN



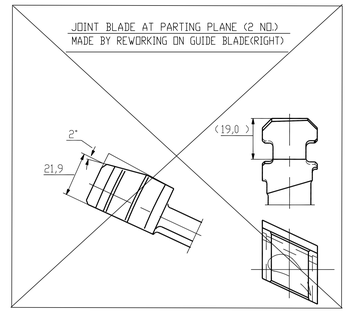
BLADE SHOWN IN DIRECTION OF STEAM FLOW

GUIDE BLADE AT JOINT PLANE (2 NO.)
MADE BY REWORKING ON GUIDE BLADE(LEFT)

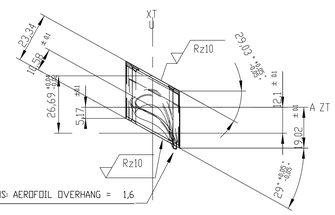
POS.NO : 02



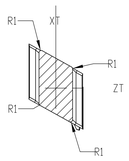
JOINT BLADE AT PARTING PLANE (2 NO.)
MADE BY REWORKING ON GUIDE BLADE(RIGHT)



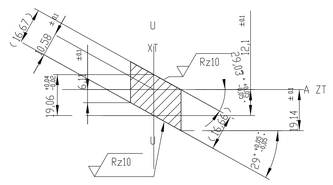
VIEW X



SECTION CC

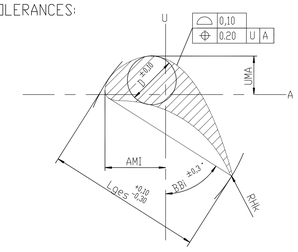


SECTION DD



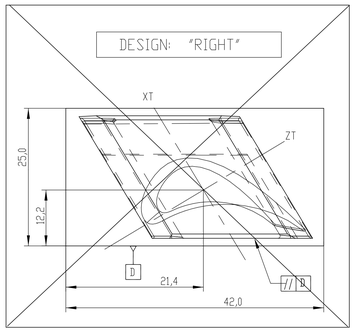
TECHNICAL REQUIREMENTS

1. TOLERANCES:

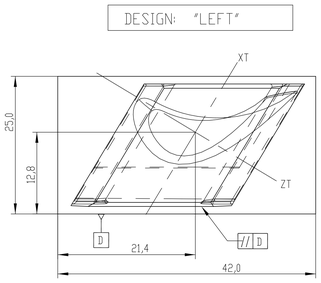


2. STRAK NUMBER: 80721
3. NUMBER OF BLADES/ROW: 136 (INCLUDING JOINT BLADES)

DESIGN: "RIGHT"



DESIGN: "LEFT"



CENTRE DISTANCES IN SEMI-FINISHED CONDITION

REV.	DATE	ALTERED CHD/APPD	ZONE

		NAME	DATE	NO.OF VAR.
DRN.	A HEMASUNDAR		22.02.2016	
CHD.	K THRIMURTHULU		22.02.2016	-NA-
APPD.	T.S.PRABHAKAR		22.02.2016	

DEPT.	UNTOL. DIMS. OR C/M/F	SCALE	WEIGHT (KG)	ITEM NO.	NO.OF ITEMS
CODE 413		NTS	0,360	-NA-	-NA-

REF. TO ASSY. DRG. -NA-

TITLE GUIDE BLADE - LEFT

S-135-S25-TR167/114C2L

CAGE CODE -

DRAWING NO. 0-301-75-00016 REV. 00

SHT. No 31 NO. OF SHT. 41

31(LEFT) 31

ROW NO. VAR.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD. HYDERABAD

COMPUTER FILE NAME T-1161

REF. DRG. NO.

STDS. AND DATE

INVENTORY NO.

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY02302161

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPAY