FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

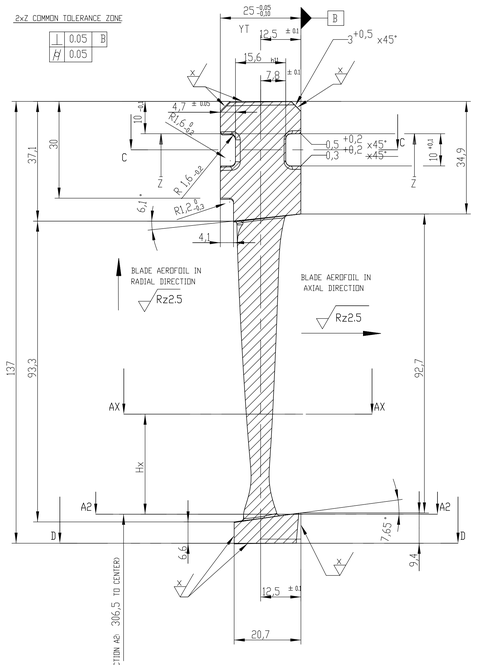
DRG. NO 0-301-75-00016 SH. 18 OF 41

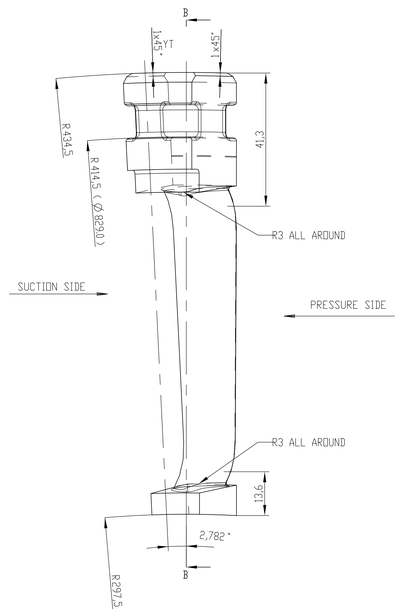
SECTION B-B

DIRECTION OF STEAM FLOW

POS. NO.: 01

DESIGN 'RIGHT'

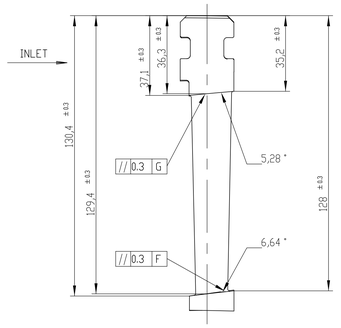




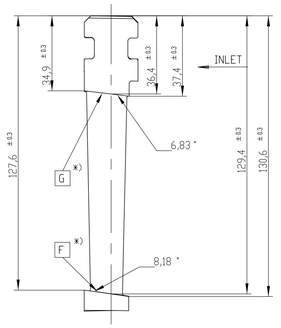
SCHEME FOR D AND S DIMENSIONS

*) REFERED TO ADJACENT BLADE

PRESSURE SIDE



SUCTION SIDE



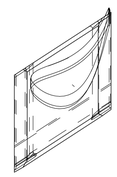
3.2 ALL OVER EXCEPT OTHERWISE STATED (x = Rz100 Rmax160 = 12.5 Rz2.5 = 0.4 Rz10 = 1.6)

DESIGN: "LEFT"

POS.NO: 01

L

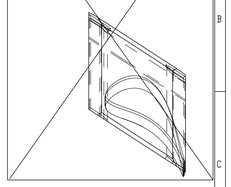
"LEFT" REVERSED IMAGE



DESIGN: "RIGHT"

R

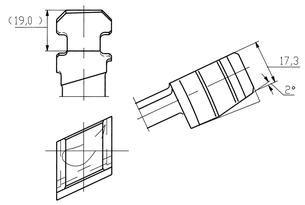
"RIGHT" AS DRAWN



BLADE SHOWN IN DIRECTION OF STEAM FLOW

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

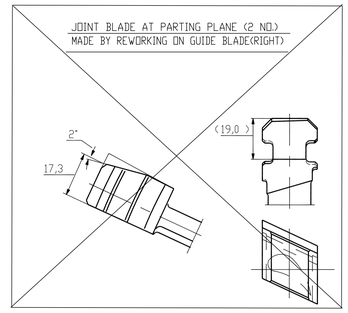
POS.NO : 02



SECTION AX	Hx	Lges	AMI	UMA	RHk	BBi	D
A1 - A1	-10.0	18.66	5.09	8.69	0.10	52.92	6.01
A2 - A2	0.0	19.27	5.31	3.40	0.10	52.70	6.21
A6 - A6	12.0	19.99	5.58	0.79	0.11	52.45	6.44
A18-A18	48.0	22.22	6.39	2.47	0.12	51.67	7.16
A29-A29	81.0	24.31	7.15	4.17	0.13	50.96	7.83

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 12.2 MM

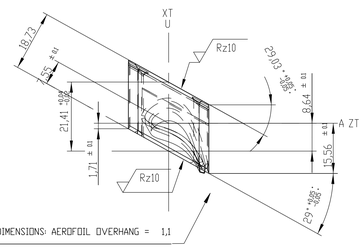
JOINT BLADE AT PARTING PLANE (2 NO.)
MADE BY REWORKING ON GUIDE BLADE(RIGHT)



TECHNICAL REQUIREMENTS

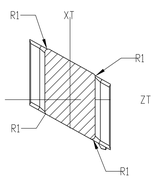
1. TOLERANCES:

VIEW X

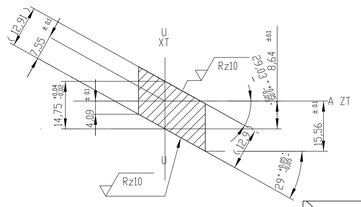


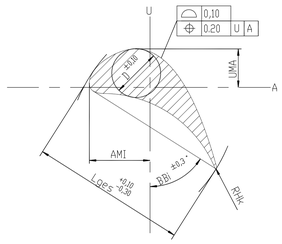
3DS DIMENSIONS: AEROFOIL OVERHANG = 1,1

SECTION CC

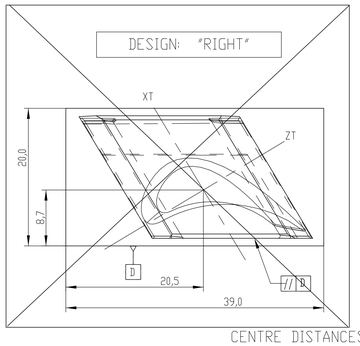


SECTION DD

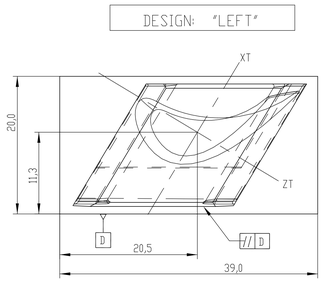




DESIGN: "RIGHT"



DESIGN: "LEFT"



CENTRE DISTANCES IN SEMI-FINISHED CONDITION

2. STRAK NUMBER: 80708
3. NUMBER OF BLADES/ROW: 128
(INCLUDING JOINT BLADES)

18(LEFT) 18
ROW NO. VAR

TYPE OF PRODUCT OR
NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD
HYDERABAD

	NAME	DATE	NO.OF VAR.
DRN.	A HEMASUNDAR	22.12.2016	
CHD.	K THRIMURTHULU	22.12.2016	-NA-
APPD.	T.S.PRABHAKAR	22.12.2016	

DEPT.	UNTOL. DIMS. OR C/N/F	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
CODE 413		NTS	0,213	-NA-	-NA-	-NA-

TITLE GUIDE BLADE - LEFT
S-135-S25-TR137/093C2M

CAGE CODE -

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

SHT. No 18 NO. OF SHT. 41

REV.	DATE	ALTERED	CHD/APPD	ZONE

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GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY02302161

COMPUTER FILE NAME T-1161

STDN. AND DATE | REF. DRG. NO. | INVENTORY NO

Mar Wed 23 16:18 2016

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