FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

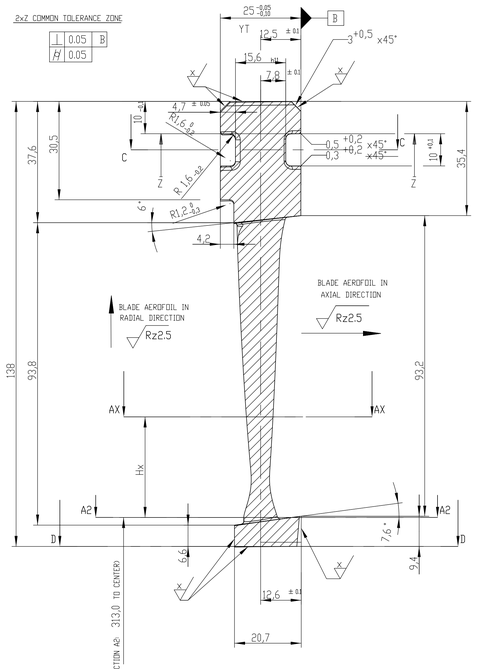
DRG. NO 0-301-75-00016 SH. 19 OF 41

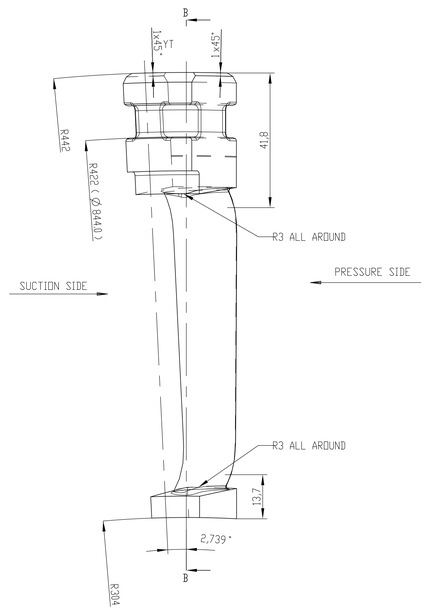
SECTION B-B

DIRECTION OF STEAM FLOW

POS. NO.: 01

DESIGN "RIGHT"

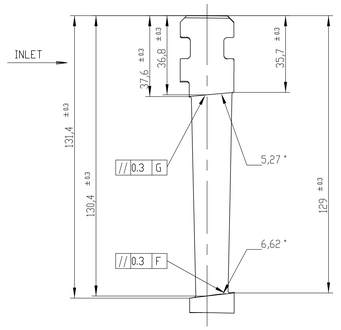




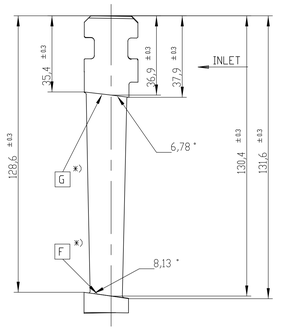
SCHEME FOR D AND S DIMENSIONS

*) REFERED TO ADJACENT BLADE

PRESSURE SIDE



SUCTION SIDE



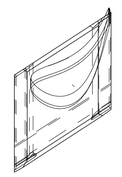
3.2 ALL OVER EXCEPT OTHERWISE STATED (X = Rz100 Rmax160 = 12.5 Rz2.5 = 0.4 Rz10 = 1.6)

DESIGN: "LEFT"

POS.NO: 01

L

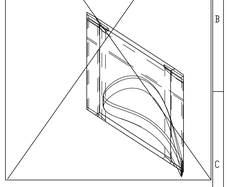
"LEFT" REVERSED IMAGE



DESIGN: "RIGHT"

R

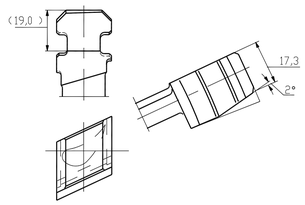
"RIGHT" AS DRAWN



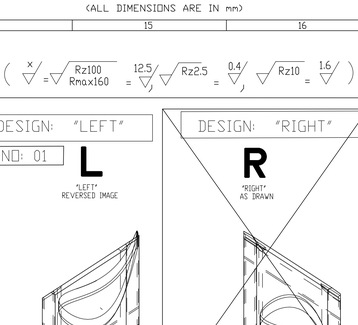
BLADE SHOWN IN DIRECTION OF STEAM FLOW

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

POS.NO : 02



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



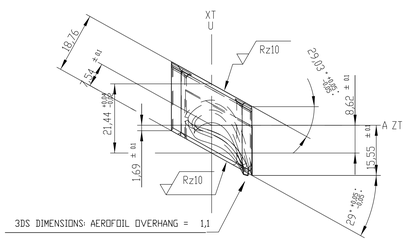
SECTION AX	Hx	Lges	AMI	UMA	RHk	BBi	D
A1 - A1	-10.0	18.73	5.02	8.73	0.10	53.00	6.03
A2 - A2	0.0	19.37	5.25	3.44	0.10	52.77	6.24
A6 - A6	12.0	20.14	5.54	0.81	0.11	52.52	6.49
A18-A18	48.0	22.40	6.36	2.48	0.12	51.75	7.22
A29-A29	81.0	24.43	7.09	4.12	0.13	51.04	7.87

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 12.3 MM

TECHNICAL REQUIREMENTS

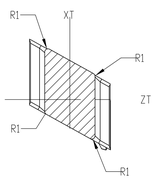
1. TOLERANCES:

VIEW X

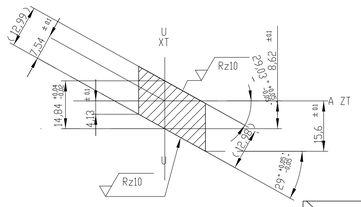


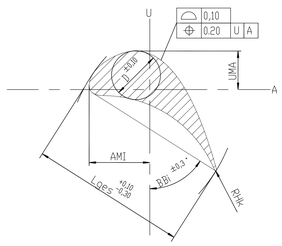
3DS DIMENSIONS: AEROFOIL OVERHANG = 1,1

SECTION CC

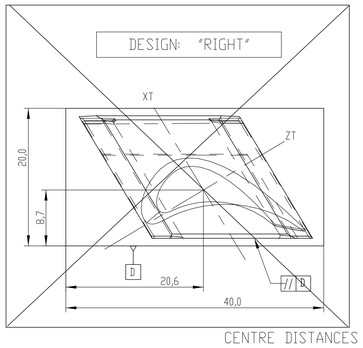


SECTION DD

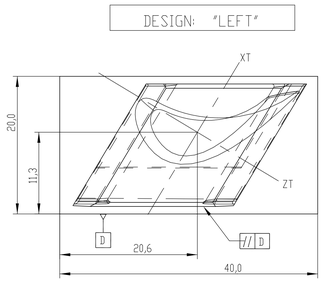




DESIGN: "RIGHT"



DESIGN: "LEFT"



CENTRE DISTANCES IN SEMI-FINISHED CONDITION

2. STRAK NUMBER: 80709
3. NUMBER OF BLADES/ROW: 130
(INCLUDING JOINT BLADES)

19(LEFT)	19
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/M/F	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
118		NTS	0,217	-NA-	-NA-	-NA-
CODE 413						

TITLE GUIDE BLADE - LEFT
S-135-S25-TR138/094C2M

CAGE CODE -

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

SHT. No 19 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

REF. DRG. NO.

STDN. AND DATE

INVENTORY NO.

Mar Wed 23 16:18 2016

Printed by : P SHASHANK-FM2301 / 6115381 on 18-05-16 16:27:14

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