FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO 0-101-02-62010 SH. 18OF 21

POS.NO.1

SECTION B-B

DIRECTION OF STEAM FLOW

2x2 COMMON TOLERANCE ZONE

// 0.05 B
H 0.05

BLADE AEROFOIL IN RADIAL DIRECTION Rz2.5

BLADE AEROFOIL IN AXIAL DIRECTION Rz2.5

DESIGN 'LEFT'

SUCTION SIDE

PRESSURE SIDE

R3 ALL AROUND

R3 ALL AROUND

BLADE SEEN IN THE DIRECTION OF STEAM FLOW

SCHEME FOR D AND S DIMENSIONS
*) RELATED TO ADJACENT BLADE

PRESSURE SIDE

SUCTION SIDE

// 0.3 G INLET

// 0.3 F

G *)

F *)

7,59 °

3,98 °

8,79 °INLET

5,20 °

3.2 ALL OVER EXCEPT OTHERWISE STATED

DESIGN 'LEFT'

DESIGN 'RIGHT'

L
"LEFT"AS DRAWN

R
"RIGHT"REVERSED IMAGE

DESIGN LOCK BLADE 'L'

POS.NO.2

DESIGN LOCK BLADE 'R'

POS.NO.2

SECTION AX I	Hx	Lges	AMI	UMA		RHk	BBi	D
A1 - A1	-10.0	28.37	9.84	11.01	0.15	65.87	9.25	
A2 - A2	0.0	28.41	9.69	5.62	0.15	63.50	9.12	
A6 - A6	12.0	28.52	9.53	3.81	0.15	60.73	8.98	
A23-A23	63.0	29.55	9.06	6.20	0.16	50.33	8.17	
A39-A39	111.0	31.27	8.75	8.47	0.16	42.76	6.87	

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 18.0 MM

TECHNICAL REQUIREMENTS

TOLERENCES

SECTION A2-A2
ALL DIMENSIONS REFERRING TO SECTION A2 (R 500,0)

SECTION C-C
ALL DIMENSIONS REFERRING TO ROOT BASE PLANE

VIEW - X
ALL DIMENSIONS REFERRING TO 'Rmax'

RAW PART IN POSITION OF CENTERING(WITHOUT SCALE

(RELATED TO MINIMAL DIMENSION)

DESIGN 'LEFT'

DESIGN 'RIGHT'

NOTES:

1. STRAK NUMBER: 80056

2. NUMBER OF BLADES/ROW: 164
(INCLUDING LOCK BLADE)

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.	HEMASUNDAR	05.03.2015	
CHD.	K THIRUMURTHY	05.03.2015	-NA-
APPD.	T.S.PRABHAKAR	05.03.2015	

DEPT.	UNTOL. DIMS. OR C/M/F	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
CODE 415		NTS	0,24	-NA-	-NA-	-NA-

TITLE: MOVING BLADE

CARD CODE -

DRAWING NO. 0-101-02-62010 REV. 00

SHT. No 18 NO. OF SHT. 21

REV.	DATE	ALTERED	CHD/APPD	ZONE
00	05.03.2015	FIRST ISSUED	K THIRUMURTHY	

S-999-R32-TR1881/26/2M

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GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

COMPUTER FILE NAME T-1134

REF. DRG. NO.

SIGN AND DATE

INVENTORY NO.

Mar Mon 23 14:54 2015

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