FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO 0-103-06-62005 SH. 01 OF 05

POS.NO.1

SECTION B-B

DIRECTION OF STEAM FLOW

2xZ COMMON TOLERANCE ZONE

⊥	0.05	B
//	0.05	

DESIGN 'LEFT'

BLADE AEROFOIL IN RADIAL DIRECTION Rz2.5

BLADE AEROFOIL IN AXIAL DIRECTION Rz2.5

SUCTION SIDE

PRESSURE SIDE

R3 ALL AROUND

R3 ALL AROUND

R 831.1 (Rmax)

R 726.5 (Ø1453.0)

R 711.5

1,71 °

1,667 °

1 °x45°

BLADE SEEN IN THE DIRECTION OF STEAM FLOW

SCHEME FOR D AND S DIMENSIONS

*) RELATED TO ADJACENT BLADE

PRESSURE SIDE

SUCTION SIDE

INLET

INLET

1,41 °

-0,45 °

2,31 °

0,45 °

SECTION AX	Hx	Lges	AMI	UMA	RHk	BBi	D
A1 - A1	-10.0	27.13	11.80	9.12	0.13	64.12	10.41
A2 - A2	0.0	27.31	11.41	8.93	0.13	60.85	9.71
A6 - A6	12.0	27.52	10.91	8.89	0.13	56.82	8.87
A14-A14	36.0	27.56	9.73	9.07	0.14	48.16	6.99
A22-A22	60.0	27.48	8.42	9.51	0.15	38.85	4.91

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 15.1 MM

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

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

TECHNICAL REQUIREMENTS

TOLERENCES

VIEW - X

ALL DIMENSIONS REFERRING TO 'Rmax'

SECTION A2-A2

ALL DIMENSIONS REFERRING TO SECTION A2 (R 752.5)

SECTION C-C

ALL DIMENSIONS REFERRING TO ROOT BASE PLANE

ROUNDINGS

RAW PART IN POSITION OF CENTERING(WITHOUT SCALE

(RELATED TO MINIMAL DIMENSION)

DESIGN 'LEFT'

DESIGN 'RIGHT'

NOTES:

1. STRAK NUMBER: 80006

2. NUMBER OF BLADES/ROW: 223
(INCLUDING LOCK BLADE)

01 (RIGHT)	06
01 (LEFT)	01
ROW NO.	VAR

TYPE OF PRODUCT OR
NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD. HYDERABAD

	NAME	DATE	NO.OF VAR.
DRN.	A HEMASUNDAR	17.02.2015	
CHD.	K THYAGARAJU	17.02.2015	-NA-
APPD.	T.S.PRABHAKAR	17.02.2015	

DEPT. 1.1.B | UNTOL DIMS. OR C/M/F | SCALE NTS | WEIGHT (KG) 0,22 | REF. TO ASSY. DRG. -NA- | ITEM NO. -NA- | NO.OF ITEMS -NA-

CODE 415

TITLE MOVING BLADE-LEFT
F-999-R25-TR132/072C1S

CARD CODE -

DRAWING NO. 0-103-06-62005 REV. 00

SHT. No. 01 NO. OF SHT. 05

REV.	DATE	ALTERED	CHD/APPD
ZONE			

COMPUTER FILE NAME T-1124

SIGN. AND DATE

REF. DRG. NO.

INVENTORY NO

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

THE INFORMATION IN 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