FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO 0-101-02-62010 SH. 03 OF 21

POS.NO.1

SECTION B-B

DIRECTION OF STEAM FLOW

2xZ COMMON TOLERANCE ZONE

I	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

R475.5 (Rmax)

2,8 +0,05 -0,05

2,76 °

1MM ROUNDED

R360.5 (Ø721.0)

R350.5 (Ø701.0)

BLADE SEEN IN THE DIRECTION OF STEAM FLOW

SCHEME FOR D AND S DIMENSIONS

*) RELATED TO ADJACENT BLADE

PRESSURE SIDE

SUCTION SIDE

INLET

5,18 °

6,80 °

6,68 °

8,28 °

SECTION AX	Hx	Lges	AMI	UMA	RHk	BBi	D
A1 - A1	-10.0	26.94	10.11	11.86	0.12	63.05	9.61
A2 - A2	0.0	26.98	9.98	6.44	0.13	60.00	9.21
A6 - A6	12.0	27.13	9.84	5.11	0.14	56.42	8.77
A16-A16	42.0	27.98	9.54	6.81	0.15	48.29	7.66
A25-A25	69.0	29.34	9.29	8.47	0.16	42.15	6.54

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 15.0 MM

3.2 ALL OVER EXCEPT OTHERWISE STATED (y = Rz16 Rmax25, 6.3 = x, x = Rz100 Rmax160, 12.5 = Rz2.5, 0.4 = Rz10, 1.6 =)

DESIGN 'LEFT' — L — 'LEFT'AS DRAWN

DESIGN 'RIGHT' — R — 'RIGHT'REVERSED IMAGE

DESIGN LOCK BLADE 'L'

POS.NO.2

DESIGN LOCK BLADE 'R'

POS.NO.2

TECHNICAL REQUIREMENTS

TOLERENCES

0,10

0,20 U A

UMA

AMI

Lges ±0.05 0.38

RBi ±0.38

RHk

VIEW - X

ALL DIMENSIONS REFERRING TO 'Rmax'

SECTION A2-A2

ALL DIMENSIONS REFERRING TO SECTION A2 (@ 387.0)

SECTION C-C

ALL DIMENSIONS REFERRING TO ROOT BASE PLANE

ROUNDINGS Rz10

RAW PART IN POSITION OF CENTERING(WITHOUT SCALE

(RELATED TO MINIMAL DIMENSION)

DESIGN 'LEFT'

DESIGN 'RIGHT'

NOTES:

1. STRAK NUMBER: 80041

2. NUMBER OF BLADES/ROW: 133
(INCLUDING LOCK BLADE)

03 (LEFT) 03

ROW NO. VAR

TYPE OF PRODUCT OR

NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD HYDERABAD

	NAME	SIGN	DATE	NO.OF VAR.
DRN.	HEMASUNDAR		05.03.2015	
CHD.	K THRIMURTHULU		05.03.2015	-NA-
APPD.	T.S.PRAHARAJ		05.03.2015	

DEPT.	UNTOL. DIMS.	SCALE	WEIGHT (KG)	ITEM NO.	NO.OF ITEMS
119	GR C/M/F	NTS	0,19	-NA-	-NA-
CODE 415			REF. TO ASSY. DRG. -NA-	-NA-	-NA-

TITLE MOVING BLADE

CARD CODE -

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

SHT. No 03 NO. OF SHT. 21

REV.	DATE	ALTERED	CHD/APPD.	ZONE

S-999-R2B-TR139/081BHM

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SIGN AND DATE | REF. DRG. NO. | COMPUTER FILE NAME 1-1124

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

INVENTORY NO.