FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO 0-101-02-62010 SH. 13OF 21

POS.NO.1

SECTION B-B

DIRECTION OF STEAM FLOW

2xZ COMMON TOLERANCE ZONE

DESIGN 'LEFT'

BLADE AEROFOIL IN RADIAL DIRECTION Rz2.5

AXIAL DIRECTION BLADE AEROFOIL IN Rz2.5

SUCTION SIDE

PRESSURE SIDE

R3 ALL ARDUND

2,568

R444 (Ø922,0)

BLADE SEEN IN THE DIRECTION OF STEAM FLOW

SCHEME FOR D AND S DIMENSIONS

*) RELATED TO ADJACENT BLADE

PRESSURE SIDE

SUCTION SIDE

INLET

2,19 *

2,65 *

3,60 *

4,05 *

SECTION AX	I	Hx	Lges	AMI	UMA	RHk	BBi	D
A1 - A1	I	-10.0	30.96	12.84	14.41	0.14	61.70	10.96
A2 - A2	I	0.0	30.92	12.74	8.85	0.15	59.19	10.56
A6 - A6	I	12.0	31.00	12.64	6.65	0.15	56.27	10.15
A20-A20	I	54.0	32.03	12.04	8.45	0.17	47.01	8.98
A35-A35	I	99.0	34.08	10.83	11.01	0.16	38.23	7.57

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 17.5 MM

3.2 ALL OVER EXCEPT OTHERWISE STATED (y = Rz16 Rmax25, 6.3 = 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

AMI ±0,38

RHK

LGES ±0,38

BBI ±0,38

VIEW - X

ALL DIMENSIONS REFERRING TO 'Rmax'

SECTION A2-A2

ALL DIMENSIONS REFERRING TO SECTION A2 (R 476,5)

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: 80051

2. NUMBER OF BLADES/ROW: 143
(INCLUDING LOCK BLADE)

13 (LEFT) 13

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

TITLE: MOVING BLADE

CARD CODE -

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

SHT. No 13 NO. OF SHT. 21

REV.	DATE	ALTERED	CHD/APPD	ZONE

S-999-R2B-TR164/110C25

COMPUTER FILE NAME T-1134

REF. DRG. NO.

SIGN AND DATE

INVENTORY NO

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

THE INFORMATION ON 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

Mar Mon 23 14:52 2015

Printed by : P SHASHANK-FM2301 / 6115381 on 13-07-16 13:18:20

This Drawing is printed from Engineering Digital Archive System (EDAS).
Therefore signatures are not essentially required.