FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

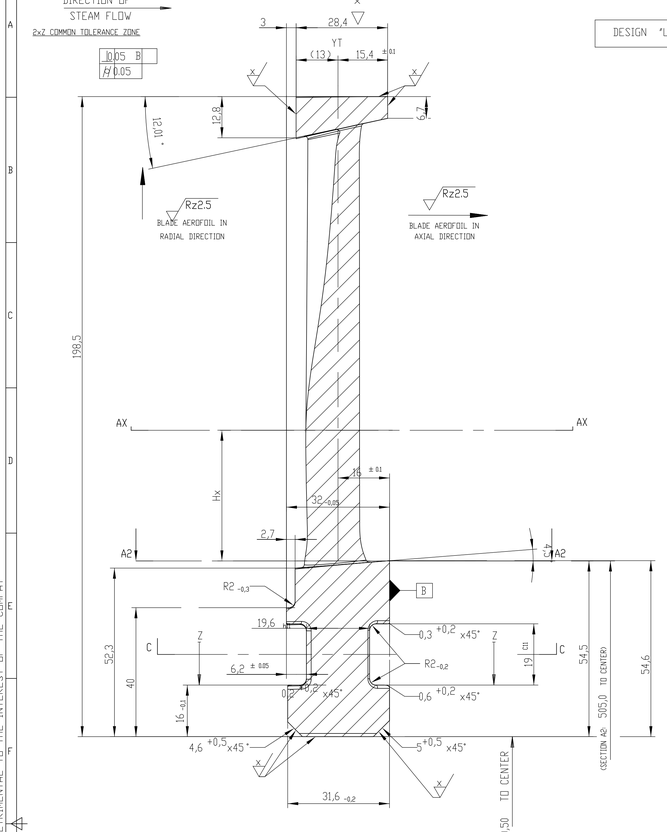
DRG. NO 0-101-02-62010 SH. 19OF 21

POS.NO.1

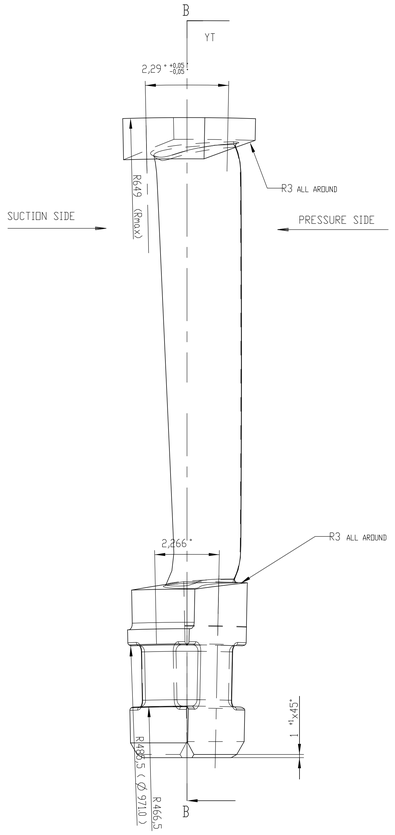
SECTION B-B

DIRECTION OF STEAM FLOW

2x2 COMMON TOLERANCE ZONE

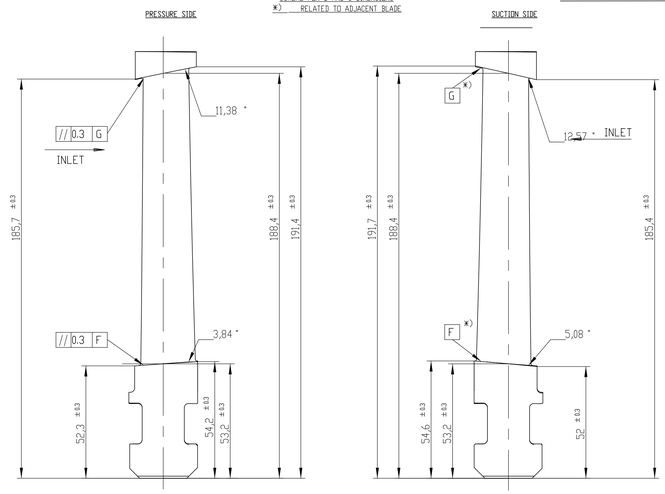



DESIGN 'LEFT'




BLADE SEEN IN THE DIRECTION OF STEAM FLOW

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




| SECTION AX | Hx | Lges | AMI | UMA | RHk | BBi | D |
|---|---|---|---|---|---|---|---|
| A1 - A1 | -10.0 | 29.22 | 10.57 | 11.46 | 0.15 | 66.01 | 9.51 |
| A2 - A2 | 0.0 | 29.24 | 10.43 | 6.06 | 0.15 | 63.78 | 9.39 |
| A6 - A6 | 12.0 | 29.33 | 10.28 | 4.17 | 0.16 | 61.16 | 9.25 |
| A25-A25 | 69.0 | 30.38 | 9.75 | 6.74 | 0.16 | 50.20 | 8.38 |
| A42-A42 | 120.0 | 32.07 | 9.41 | 9.07 | 0.16 | 42.62 | 7.05 |

LOCAL SMALLEST RADIUS OF CURVATURE ON PRESSURE SIDE: 18.6 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'

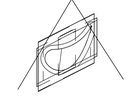
L

*LEFT*AS DRAWN

DESIGN 'RIGHT'

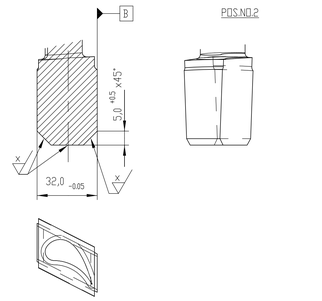
R

*RIGHT*REVERSED IMAGE



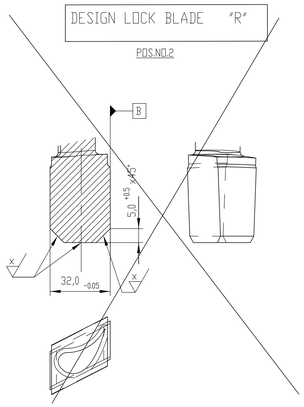
DESIGN LOCK BLADE 'L'

POS.NO.2



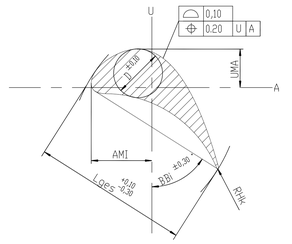

DESIGN LOCK BLADE 'R'

POS.NO.2

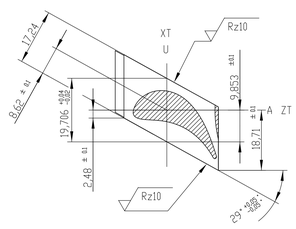



## TECHNICAL REQUIREMENTS

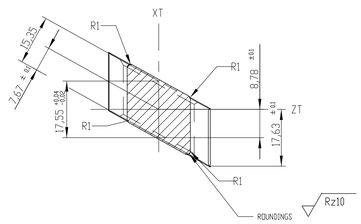
### TOLERENCES



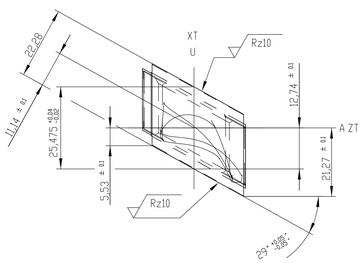

SECTION A2-A2
ALL DIMENSIONS REFERRING TO SECTION A2 (@ 505.0 )




SECTION C-C
ALL DIMENSIONS REFERRING TO ROOT BASE PLANE

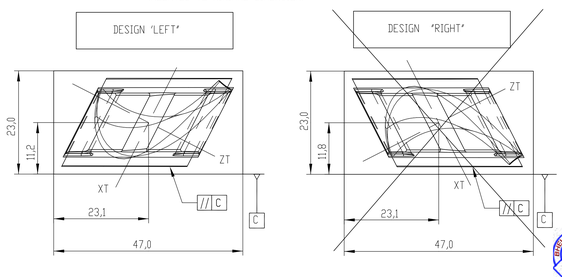



VIEW - X
ALL DIMENSIONS REFERRING TO 'Rmax'




## RAW PART IN POSITION OF CENTERING(WITHOUT SCALE

(RELATED TO MINIMAL DIMENSION)




## NOTES:

1. STRAK NUMBER: 80057

2. NUMBER OF BLADES/ROW: 162
(INCLUDING LOCK BLADE)

| | |
|---|---|
| 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. | HEMASUNDAR | 05.03.2015 | |
| CHD. | K THRIMURTHULU | 05.03.2015 | -NA- |
| APPD. | T.S.PRAHLAD | 05.03.2015 | |

| DEPT. | UNTOL. DIMS. | SCALE | WEIGHT (KG) | REF. TO ASSY. DRG. | ITEM NO. | NO.OF ITEMS |
|---|---|---|---|---|---|---|
| 119 | GR C/M/F | NTS | 0,26 | -NA- | -NA- | -NA- |
| CODE 415 | | | | | | |

TITLE: MOVING BLADE

CARD CODE -

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

SHT. No 19 NO. OF SHT. 21

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

COMPUTER FILE NAME: T-1134

REF. DRG. NO.

SIGN AND DATE

INVENTORY NO.

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S-999-R3E-TR099/13/02M

| REV. | DATE | ALTERED | CHD/APPD |
|---|---|---|---|
| ZONE | | | |

Mar Mon 23 14:55 2015

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