

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

REV	DATE	ALTERED
		CHECKED

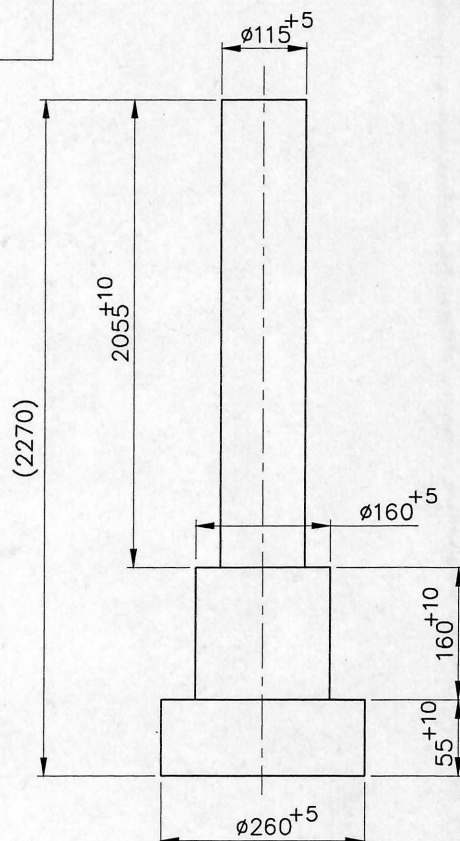
ALL DIMENSIONS ARE IN MILLIMETRES

FOR PRODUCTION

REF. PR:QA:590 FOR PAINTING

REF. PR:QA:500 FOR UNTOL. DIMNS.

REF. APPLICABLE GMS FOR MATCODE&SPEC.



12.5/

NOTES:

1. WEIGHT OF PUSH ROD (ROUGH FORGING) : 285.000 kgs.
2. MATERIAL : 42CrMo4V+QT.

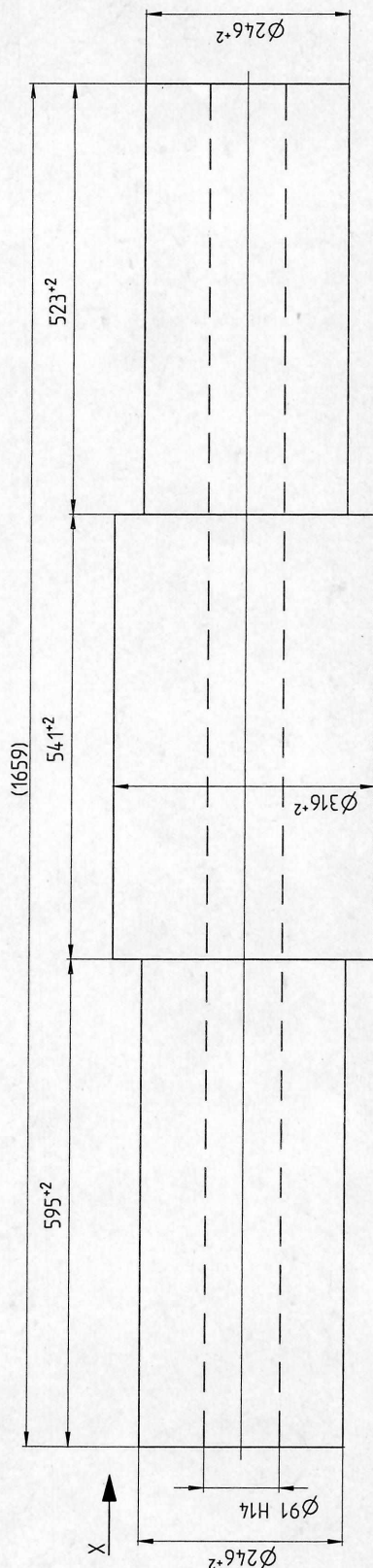
01	FORGING				162.100
ITEM NO.	DESCRIPTION	STD	MATL. CODE	A UNIT	UNIT WT.
			MATL. SPECN.	C DI	QTY

		BHARAT HEAVY ELECTRICALS LTD., UNIT: BOILER AUXILIARIES PLANT, RANIPET - 632 406.		DRN CHD APPD	NAME RATNABABU RATNABABU A.V.N	SIGN 	DATE 07.02.17	NO.OF VAR
DEPT	FANS	GRADE OF UNTOL.DIM	SCALE	WEIGHT (KG).	REF. TO ASSY./OLD DRG.		ITEM NO.	NO. OF ITEMS
CODE	864	PR:QA:500	N.T.S	162.100	V7019283 (4-55-328-03154)			
TITLE				CARD CODE	DRAWING NO.		REV	
PUSH ROD (ROUGH FORGING)				U 01	4-55-328-03156			

Size A4

ALL DIMENSIONS ARE IN MILLIMETRES
FOR PRODUCTION
REF. PR:0A-590 FOR PAINTING
REF. PR:0A-500 FOR UNTOL. DIMS.
REF. APPLICABLE QMS FOR MATCODE&SPEC.

6.3



View X

±0.870	±0.870
0.000	0.000
DIM	TOLERANCE

NOTES:
NON DIMENSIONED ANGLES 0.5X45°
NON DIMENSIONED RADI R0.4

01	SHAFT-PREMACHINED	W200 K2	42CMA04(QT)	665.500
VAR	ITEM NO	DESCRIPTION	DRAWING NO	UNIT WT
				QTY

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

DEPT	FANS	GRADE OF	UNIT	UNIT DIM	SCALE	NTS	WEIGHT (KG)	APPRO	A.V.N	SD/-	SD/-	DATE	NO OF
BK4	PR:0A-500	PR:0A-500	W200 K2	665.500	1:1	1:1	665.500	11.10.16	11.10.16	11.10.16	11.10.16	11.10.16	11.10.16

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DEPT: FANS
GRADE OF UNIT: W200 K2
UNIT DIM: 665.500
SCALE: NTS
WEIGHT (KG): 665.500
APPRO: 11.10.16
A.V.N: 11.10.16
SD/-: 11.10.16
SD/-: 11.10.16
DATE: 11.10.16
NO OF: 11.10.16

TITLE: SHAFT-PREMACHINED
W200 K2

CAD: 3-55-328-02273
U 01

Size A3

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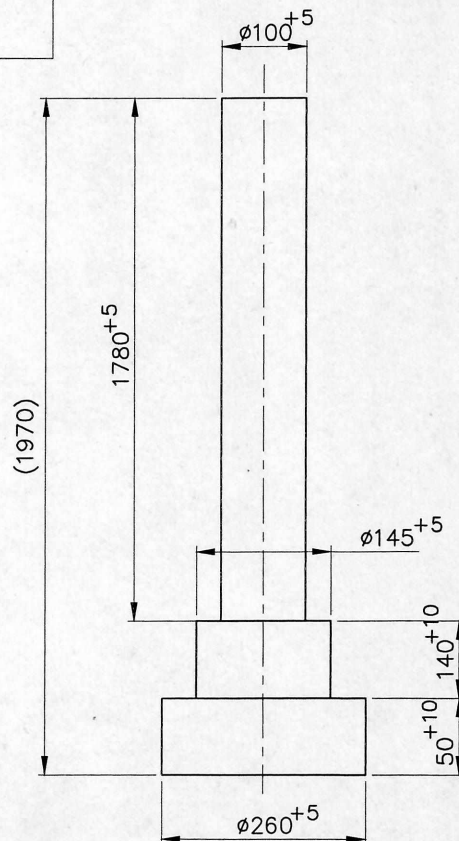
ALL DIMENSIONS ARE IN MILLIMETRES

FOR PRODUCTION

REF. PR:QA:590 FOR PAINTING

REF. PR:QA:500 FOR UNTOL. DIMNS.

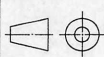
REF. APPLICABLE GMS FOR MATCODE&SPEC.



NOTES:

1. WEIGHT OF PUSH ROD (ROUGH FORGING) : 200.000 kgs.
2. MATERIAL : 42CrMo4V+QT.

01	FORGING				98	200
ITEM NO.	DESCRIPTION	STD	MATL. CODE	A	UNIT	UNIT WT.
			MATL. SPECN.	C	DI	QTY

		BHARAT HEAVY ELECTRICALS LTD., UNIT: BOILER AUXILIARIES PLANT, RANIPET - 632 406.		DRN CHD APPD	NAME RATNABABU RATNABABU A.V.N	SIGN 	DATE 06.02.17	NO. OF VAR
DEPT FANS CODE 864	GRADE OF UNTOL. DIM PR: QA: 500		SCALE N.T.S	WEIGHT (KG). 98.200	REF. TO ASSY./OLD DRG. 4-55-335-02441		ITEM NO.	NO. OF ITEMS
TITLE PUSH ROD (ROUGH FORGING)				CARD CODE U 01	DRAWING NO. 4-55-328-03154		REV	

Size A4

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REV	DATE	ALTERED
		CHECKED

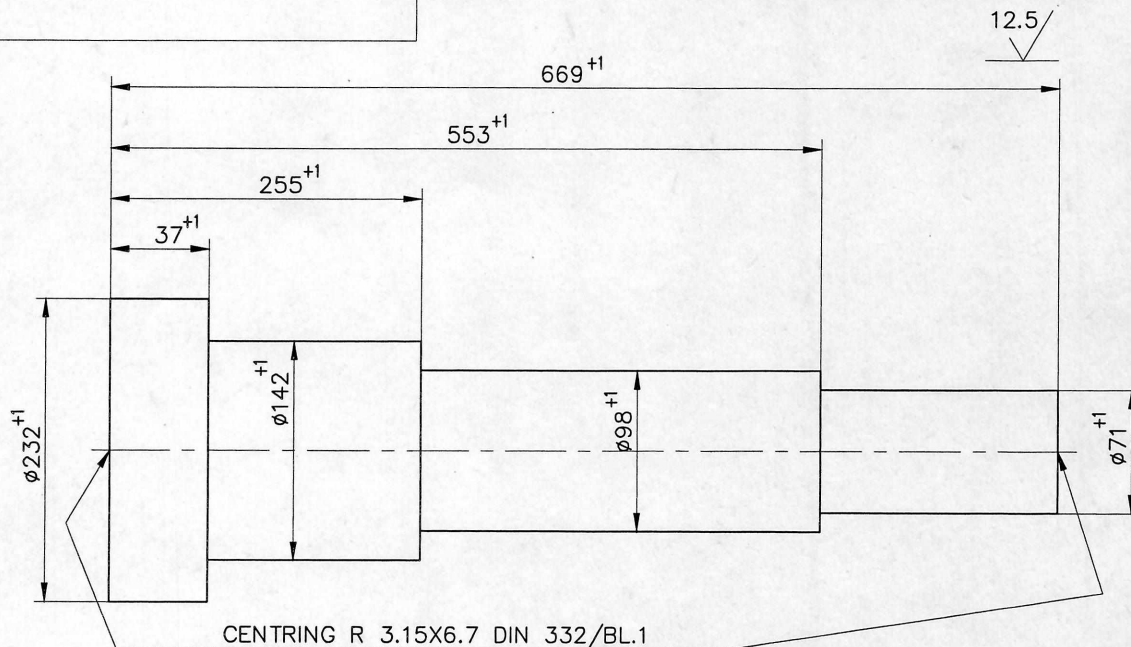
ALL DIMENSIONS ARE IN MILLIMETRES

FOR PRODUCTION

REF. PR:QA:590 FOR PAINTING

REF. PR:QA:500 FOR UNTOL. DIMNS.

REF. APPLICABLE GMS FOR MATCODE&SPEC.



NOTES:

01. BLADE SHAFT IS ACC. TO TDC:RTF:309/02

01	FORGING				60.600
					1
ITEM NO.	DESCRIPTION	STD	MATL. CODE	A UNIT	UNIT WT.
			MATL. SPECN.	C DI	QTY

		BHARAT HEAVY ELECTRICALS LTD.,		DRN	NAME	SIGN	DATE	NO. OF
		UNIT: BOILER AUXILIARIES PLANT,		CHD	RATNABABU		07.02.17	VAR
		RANIPET - 632 406.		APPD	A.V.N			
DEPT	GRADE OF		SCALE	WEIGHT (KG).	REF. TO ASSY./OLD DRG.	ITEM NO.	NO. OF	
FANS	UNTOL. DIM							
CODE	PR: QA: 500		N.T.S	53.400	V7009046			
864					(4-55-227-02651)			
TITLE				CARD	DRAWING NO.		REV	
BLADE SHAFT				CODE	4-55-328-03157			
(FORGING)				U 01				

Size A4

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REV	DATE	ALTERED
		CHECKED

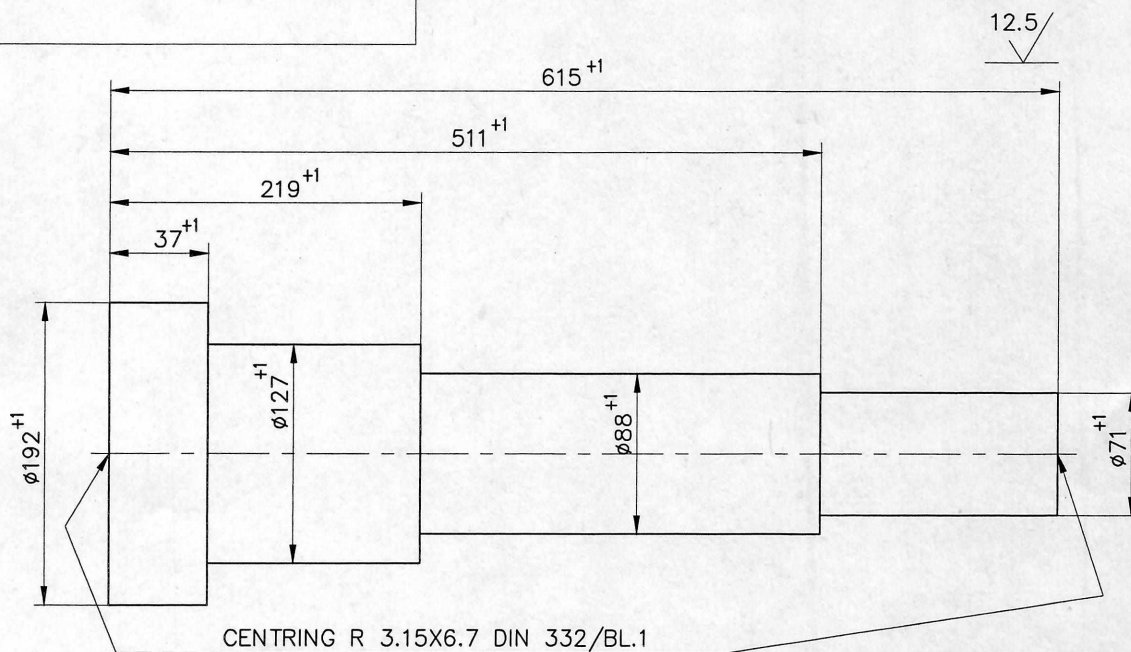
ALL DIMENSIONS ARE IN MILLIMETRES

FOR PRODUCTION

REF. PR:QA:590 FOR PAINTING

REF. PR:QA:500 FOR UNTOL. DIMNS.

REF. APPLICABLE GMS FOR MATCODE&SPEC.



NOTES:

01. BLADE SHAFT IS ACC. TO TDC:RTF:309/02

01	FORGING				43.700
					1
ITEM NO.	DESCRIPTION	STD	MATL. CODE	A UNIT	UNIT WT.
			MATL. SPECN.	C DI	QTY

		BHARAT HEAVY ELECTRICALS LTD., UNIT: BOILER AUXILIARIES PLANT, RANIPET - 632 406.		DRN	NAME RATNABABU	SIGN	DATE 09.02.17	NO.OF VAR
DEPT FANS CODE 864		GRADE OF UNTOL.DIM PR:QA:500	SCALE N.T.S	WEIGHT (KG). 43.700	CHD RATNABABU	APPD A.V.N	REF. TO ASSY./OLD DRG. V7019230 (4-55-328-03157)	ITEM NO.
TITLE BLADE SHAFT (FORGING)				CARD CODE U 01	DRAWING NO. 4-55-328-03161			REV

Size A4

REV	DATE	ALTERED
		CHECKED

ALL DIMENSIONS ARE IN MILLIMETRES

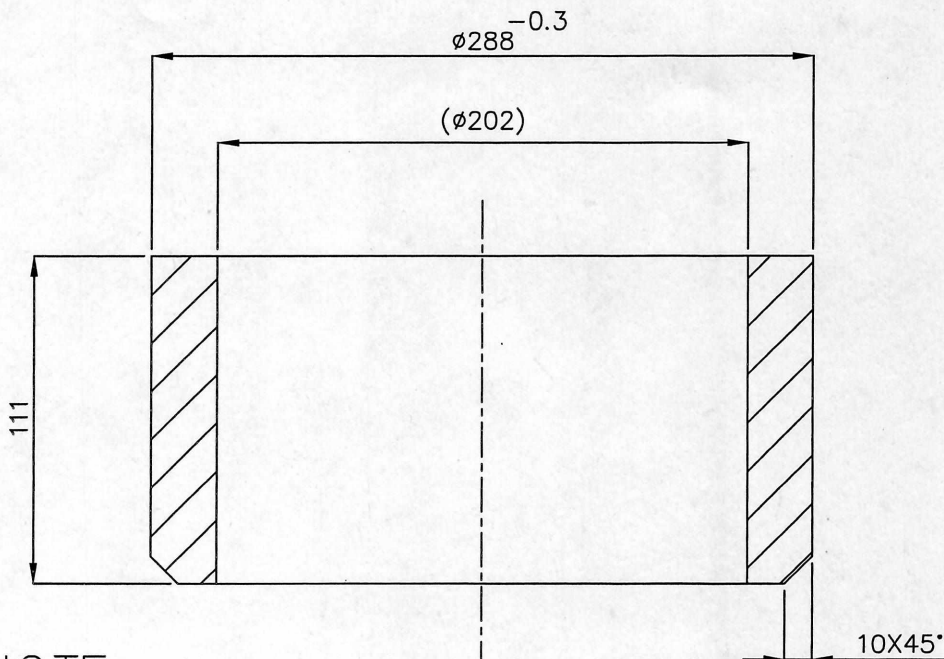
FOR PRODUCTION

REF. PR:QA:590 FOR PAINTING

REF. PR:QA:500 FOR UNTOL. DIMNS.

REF. APPLICABLE GMS FOR MATCODE&SPEC.

6.3

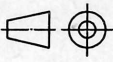


NOTE: —

01. ACCORDING TO THE ORDER INSTRUCTION TFN NO 359" DELIVERY CONDITIONS FOR ROLLED AND FORGED STEEL COMPONENTS OF P355 NH WITH ACCEPTANCE TEST CERTIFICATE EN 10204-3.1B AND ULTRASONIC TEST WITH OVER SIZE FOR MACHINING ALL ROUND.

02. WEIGHT OF ROUGH FORGING: 28.800 Kg

01	IMPELLER BUSHING (FORGING)	920374289300			28.800
		P355NH			1
ITEM NO.	DESCRIPTION	MATL. CODE	A	UNIT	UNIT WT.
		MATL. SPECN.	C	DI	QTY

 BHARAT HEAVY ELECTRICALS LTD., UNIT: BOILER AUXILIARIES PLANT, RANIPET - 632 406.		DRN	NAME	SIGN	DATE	NO. OF VAR	
		CHD	P.SHAKI.O/L	Sd/-	04.11.14		
		APPD	MAHESH	Sd/-	04.11.14		
DEPT	GRADE OF		SCALE	WEIGHT (KG).	REF. TO ASSY./OLD DRG.	ITEM NO.	NO. OF ITEMS
FANS	UNTOL.DIM		N.T.S.	28.800	V7011066		
CODE	PR: QA: 500						
TITLE				CARD CODE	DRAWING NO.		REV
IMPELLER BUSHING (FORGING)				U 01	4-55-227-02893		

Size A4

