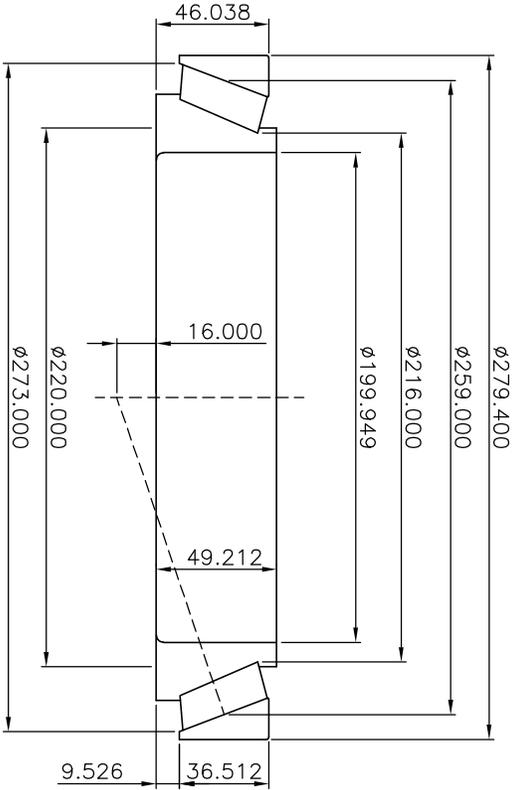


10008516343 DRG. NO.



NOTES:-

1. ALTERNATIVELY EQUIVALENT BEARINGS- OF FAG(GERMANY)/SKF(GERMANY) MAKES MAY BE USED.
2. BEARING DETAILS  
DYNAMIC CAPACITY = 94700N 9658KG  
STATIC : CAPACITY = 881000N 89852KG  
ACCURACY CLASS = AFBMA CLASS 8  
MAX. PERMISSIBLE = 850 RPM  
SPEED (GREASE)
3. STYLE NO. BP9024735025

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INVENTORY NO.	SIGN. & DATE	REF. DRG. NO.
REV. DATE	ALTERED A.U. CHECKED A.S. APPD. A.S.	REV. DATE
03/27/11.20	AS	02/21/12.12
NOTE-1 DELETED.		NOTE-1 MODIFIED & UPLOADED.

28 - CARD TYPE-3	28 - CARD TYPE-1
59 001 SEE NOTE-1 THAKEN (SEZ CHENNAI-INDIA MARK)	001 TAPERED ROLLER BEARING (GWE)
64 65 VAR.00 REMARKS	75 76 77 25 27 28 DESCRIPTION
	58 59 60 DRAWING NO.
	77 78 79 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
	Brg. Type M67982-M67919
	KG 9.805
	MATL. CODE 54
	MATL. SPCN. 54
	UNIT WT. 58
	QTY. 71

ADDITIONAL INFORMATION  
STATUS OF DRAWING  
DISTRIBUTION OF PRINTS  
TME-1 TNX-1 TXM-3

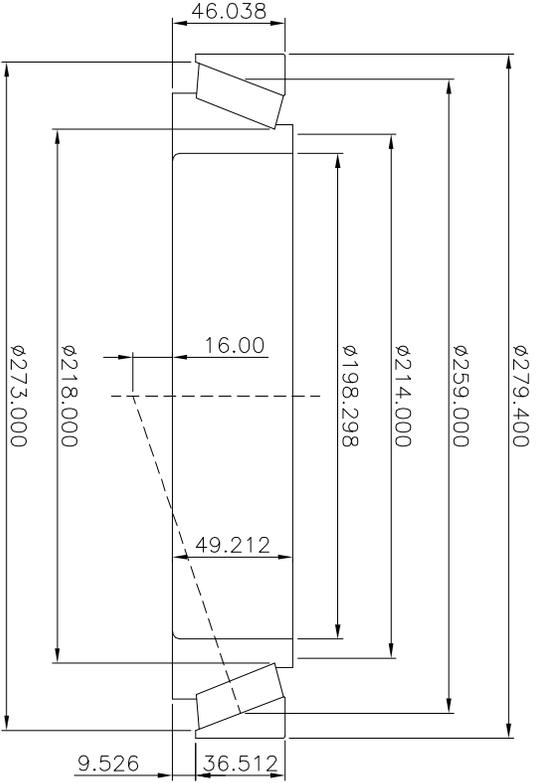
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT  
TM4303BY, TM4303DY, TM3701BX  
25 KV BG AC EMU 1400 HP DEMU, KOLKATA METRO

BHARAT HEAVY ELECTRICALS LTD. BHOPAL	DRN S.K.G.	SD/-	09.03.01	NO. OF YAR.
	CKD D.K.	SD/-	09.03.01	01
	APPD A.K.D.	SD/-	12.03.01	

DEPT. T.M.E. CODE 405	UNTO. DIMS. GR.	SCALE 1:2	WEIGHT(K.G.) 9.805	REF. TO ASSY. DRG. 04391531106 04391580002	ITEM NO. 002 001	NO. OF ITEM 001
TITLE TAPERED ROLLER BRG. (GWE)				DRAWING NO. 34391580001		REV. 03
				SHT. NO. 01	NO. OF SHT. 01	

A3 SIZE

DRG. NO. 34391580002



NOTES:-

1. ALTERNATIVELY EQUIVALENT BEARINGS- OF FAG(GERMANY)/SKF(GERMANY)- MAKES MAY BE USED.
2. BEARING DETAILS  
 DYNAMIC CAPACITY = 94700N 9658KG  
 STATIC : CAPACITY = 881000N 89852KG  
 ACCURACY CLASS = AFBMA CLASS 8  
 MAX. PERMISSIBLE = 850RPM  
 SPEED (GREASE)
3. STYLE NO. BP9024735033

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INVENTORY NO.	SIGN. & DATE	REF. DRG. NO.
REV. DATE	ALTERED A.U. CHECKED A.S. APPD. A.S.	REV. DATE
03/27/11.20	02/21/12.12	01/21/05.09
NOTE-1 DELETED.	NOTE-1 MODIFIED & UPLOADED.	DRG. UPDATED & DIGITIZED.

001	SEE NOTE-1 THAKKENT (SETT CHENNAI- INDIA MARK)	001	TAPERED ROLLER BEARING (RWE)	58	59	60	77	29	31	32	33	34	45	55	56	57	58	59	72
VAR.00	REMARKS	VAR. NO.	DESCRIPTION	DRG. NO.															
64	65	75	76	77	25	27	28	29	30	31	32	33	34	45	55	56	57	58	59

ADDITIONAL INFORMATION  
 STATUS OF DRAWING  
 DISTRIBUTION OF PRINTS  
 TME-1 TNX-1 TXM-3

TYPE OF PRODUCT OR  
 NAME OF CUSTOMER/PROJECT  
 TM4303BY, TM4303DY, TM3701BX  
 25 KV BG AC EMU 1400 HP DEMU,  
 KOLKATA METRO



BHARAT HEAVY ELECTRICALS LTD.  
 BHOPAL

DEPT. T.M.E.	UNTO. DIMS. GR.	SCALE	WEIGHT(K.G.)	REF. TO ASSY.DRG.	ITEM NO.	NO.OF
405		1:2	9.805	04391531106	003	01
TITLE	TAPERED ROLLER BEARING ASSEMBLY (RWE)		DRAWING NO.	34391580002		REV. 03
SHT. NO. 01	NO. OF SHT. 01		A3 SIZE			

**Duly filled Technical Pre-Qualification Requirements to be submitted along with the offer by vendor**

*For uploading along with enquiry*

Ref No: TME/PQR/TM4303/Taper Roller Bearings /Rev-00

Dated: 30/01/2025

**Technical Pre-Qualification Requirements (PQR) for  
“Taper Roller Bearings”**

**Vendor should comply with the following clauses in order to qualify for supply of Taper Roller Bearings (duly filled PQR shall be submitted along with the offer by vendor):**

Cl. No.	Description	Vendor to comment	
		Complied / Not complied	Supporting relevant document to be submitted along with offer
1	Vendor shall supply Taper Roller Bearings type M67982/M67919 and M67981/M67919 of TIMKEN designation or equivalent nomenclature of other bearing manufacturers.	Yes/No	Not Required
2	Vendor to confirm that it is the manufacturer of the offered Taper roller bearings and not the trader.	Manufacturer/ Trader	Not Required
3	Vendor to furnish drawings of the offered bearings along with technical data sheet as per sheet 1 of BHEL drawing no. C450067.	Yes/No	Drawing & technical data sheet of offered bearing
4	Vendor should have experience of successfully manufacturing & supplying at least 40 nos. of same/similar* taper roller bearing in preceding 5 years from enquiry opening date, for traction application to some traction Motor manufacturers or Indian Railways or other Railways.  (* ) - Taper Roller Bearing of min. inner diameter of 198 mm.  Vendor to ensure that document submitted for b) shall correlate with the submitted P.O. copy. If desired, price details in PO/ invoice may be hidden.	Yes/No	a. PO copies. b. Supply proof i.e. copy of invoice

5	Vendor to furnish the name of place of manufacturing plant where 40 nos. of same/similar Taper roller bearings have been manufactured & supplied against the experience details submitted as per clause no. 3.	Yes/No	Name of place of manufacturing plant
6	Vendor to give confirmation that the offered bearing shall be manufactured at the same manufacturing plant for which experience details are being submitted as per clause no. 3.	Yes/No	Not Required
7	Vendor to confirm that vendor or any bearing of its make is not banned by RDSO, Lucknow or any entity of Indian Railways for supply of bearings in traction application.	Banned/ Not banned	Not Required

**Notes:**

1. Compliance of all the points in above T-PQR is mandatory. In absence of compliance of above, vendor's offer is liable to be rejected.
2. Declaration by vendors regarding information / compliance submitted by vendor shall be correct in all respect. In case any deviation/false information is revealed later on, BHEL is free to initiate appropriate punitive proceeding as per prevalent processes and guidelines of company.