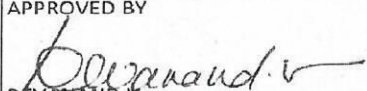
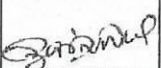


Data sheet for GEM

Minimum Technical Qualifications Required for supplying

Item No.	Material Description
1	TEETHED WHEEL FOR SPEED SENSOR AS PER M/S BHEL MATERIAL CODE : TI0668105166. FIRM'S OFFERED AND ACCEPTED MAKE BHEL
*	Technical Requirement : AS PER DRAWING NO. 36680800471 REV.03 PQC REF. PQC 445 0002 REV. 02.

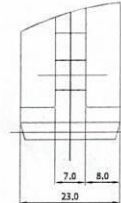
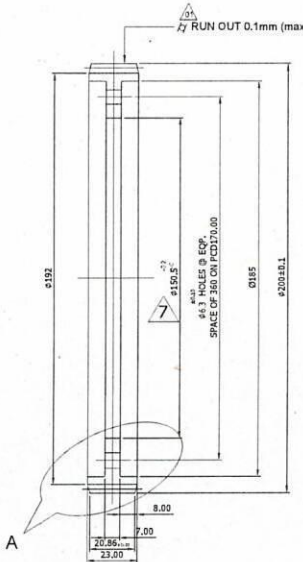
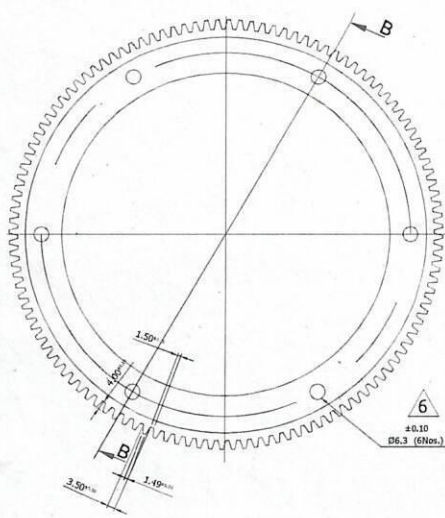
COPYRIGHT AND CONFIDENTIAL THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.			Pre-Qualification Criteria		PQC 445 0002
			MISCELLANEOUS ITEMS FOR TRACTION PROJECTS		Rev.: 02, Date: 01.03.2025
					Page: 01 of 01
	Introduction: These Items/materials are being used by BHEL for assembly & mounting of Traction Converter/Aux Converter/TCMS Panels in Indian Rail Loco/MEMU/EMU/VB Trains. These assembled panels are subjected to intense shock and vibration loads while in service.				
Clause:					
		SI No.	Criteria	Supporting Documents Required	
		1	Bidder should have a clean track record. i.e. the Bidder should not be under hold or blacklisted by any of the BHEL units/any Govt. of India PSU / Govt of India as on bid submission date.	A self-declaration shall be furnished with the Offer.	
		2	a) Bidder should have supplied/Approved supplier for, tendered/similar to tendered item to BHEL-EDN for traction application products eg. Traction Converter/Aux. Converter/HLC/Composite Converter/TCMS panels etc. OR b) Bidder should be an approved vendor for tendered/similar to tendered item, from RDSO/Any production unit of Indian Railways/Metros/RTTS for traction application products eg. Traction Converter/Aux. Converter/HLC/Composite Converter/TCMS panels etc.	Proof of supply eg. PO / Invoice / Delivery challan etc./Self declaration with BHEL-EDN vendor code, shall be furnished with the Offer. OR Proof of approval from RDSO/ICF/MCF/RCF/CLW/BLW/PLW etc. shall be furnished with the Offer.	
		3	The bidder shall be an Original Equipment Manufacturer (OEM) OR authorized by OEM for the tendered item for supply to Indian Region.	Proof of OEM (Self certification)/Valid authorization letter from OEM, Shall be furnished with the Offer.	
Note: 1) Clause wise confirmation to above PQC shall be mandatorily submitted with Offer in format- Annexure-A. 2) Offers without same will be summarily rejected and Bidder's Technical offers/proposals will not be evaluated. 3) BHEL-EDN has the sole and final discretion to determine what constitutes a similar item. This decision is binding on the vendor.					
Revisions: Rev01: Cl. No.2 updated. Rev02: Cl. No.2 updated. Note 3 added.			APPROVED BY  DEVANAND V.		
			PREPARED BY  R K JAISWAL	CHECKED BY  J. SHUKLA	DATE 01.03.2025

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388018-1194_r03
SIGN & DATE
INVENTORY NO.

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN mm



DETAILS AT 'A'

SECTION B

- Note—
1. MATERIAL M.S. (IS2062)
 2. FINISH: ZINC BLUE PASSIVATED $8\mu-12\mu$
 3. NO. OF TEETH-120
 4. MODULE - 1.633
 5. CHAMFERING OF $\phi 6.3$ mm (6 NOS.) TO BE CARRIED OUT ON BOTH SIDES.
 6. CHAMFERING $\phi 150.5$ mm TO BE CARRIED OUT ON BOTH SIDES.
 7. ALL DIMENSIONS ARE IN mm

01	01	TEETHED WHEEL FOR SPEED SENSOR	36680800471	IS 2062	
QTY.	ITEM No.	DESCRIPTION	DRAWING NO.	ITEM No.	MATERIAL CODE
				VAR. ANT	MATERIAL SPECN.

CARD TYPE 2

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT IGBT BASED TRACTION CONVERTOR CLW - INDIAN RAILWAY

CARD TYPE 1

Bharat Heavy Electricals Limited. ELECTRONICS DIVISION, BANGALORE	DRN	NAME	SIGN.	DATE	No. OF VAR
	CKD	ASHOK		07.08.12	
	APPD	R.S.		07.08.12	
DEPT. CODE 445	FOR UNSPECIFIED-TOLERANCES REFER ED 0230499	SCALE N.T.S.	WEIGHT(Kg)	REF. TO ASSY. DRG.	ITEM NO.

REV. 03	DATE 15.03.2023	ALTERED ULLAS	REV. 02	DATE 05.06.18	ALTERED A N	REV. 01	DATE 20.10.12	ALTERED ASHOK
		CHECKED R K JAISWAL			CHECKED A N			CHECKED R.S.
		APPROVED J SHUKLA			APPROVED D V			APPROVED R.S.
Dimension 5.99, 1.5 * removed. Dim. 1.633 was 1.64			Dimension 180 mm removed @loc A-3 & Dimensions updated.			SECTION LINE ADDED, SECTION B 6.3 WAS 7, $\phi 150.5$ WAS 150, RUNOUT & CHAMFERING ADDED		

TITLE	DRAWING NO.	REV.
TEETHED WHEEL FOR SPEED SENSOR	3 668 08 00471	03
	SHEET NO. 01	NO. OF SHEETS 01