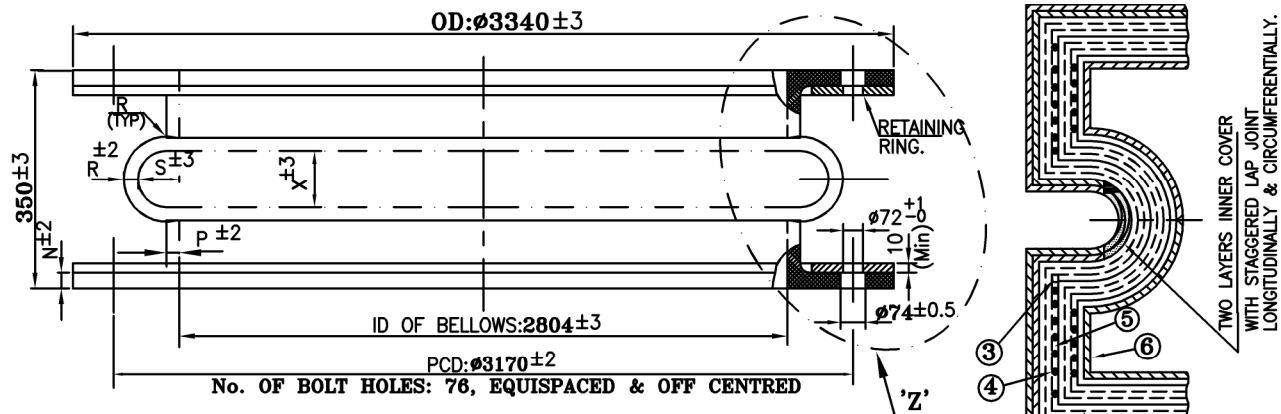


FIRST ANGLE PROJECTION

COMPANY.	REV.	DATE	ALTERED	REV.	DATE	ALTERED	D SURWADE	ADDITIONL INFORMATION	
			CHECKED	01	04.09.20	CHECKED	PAWAN RAI		W.O.No.-18002-Q-11267
			APPROVED			APPROVED	MAHOR AK		
	ZONE					ZONE	DRG.REVISED TO INCORPORATE NTPC COMMENTS ON GA DRG.		



DESIGN DATA

- DESIGN PRESSURE ----- 6.0 Kg/sq.cm.g & FULL VACUUM.
- HYD. TEST PRESSURE ----- 12 Kg/sq.cm.g
- DESIGN TEMPERATURE. ----- 50 DEG. C
- VACUUM TEST ----- 700 mm Hg

TECHNICAL REQUIREMENTS(TR)

- VENDOR TO FURNISH DIMENSION P,R,N,T,X & S.
- MATERIAL SPECIFICATION AND OTHER TECHNICAL CONDITION AS PER TECHNICAL SPECIFICATION No.HE-54017.
- AXIAL COMPRESSION ----- 25 mm
AXIAL ELONGATION ----- 13 mm
TRANSVERSE MOVEMENT ----- ±13 mm
- THE RETAINING RING GAP BETWEEN SEGMENTS SHOULD BE LIMITED TO 4mm max.
- RETAINING RING BOLT HOLE POSITION SHALL BE MATCH MARKED FROM RUBBER BELLOWS FLANGE BEFORE DRILLING PROPER IDENTIFICATION MARKS SHALL BE PUT ON RETAINING RINGS,WITH 'EB' NUMBER OF RESPECTIVE RUBBER BELLOWS.
- BOLT HOLES ON THE EXPANSION JOINT (RUBBER BELLOWS) FLANGE SHALL BE TREATED/COATED WITH SELF VULCANISING RUBBER.
- RETAINING RINGS SHALL BE HOT DIP GALVANISED. COATING THICKNESS: 0.100 TO 0.130 mm.
- CHLORINATED RUBBER BASED PAINT COMPATIBLE WITH NEOPRENE RUBBER SHALL BE APPLIED AS PROTECTING COATING ON INNER & OUTER SURFACE OF BELLOWS.
- BELLOWS TO HAVE HARD MARKING OF 'EB' NUMBER & DATE OF MANUFACTURE ON EACH BELLOWS.
- MATERIAL OF RETAINER RINGS: IS2062 Gr.B
- SHORE HARDNESS: 65±5' SHORE 'A'

1	HIGH GRADE ABRASION RESISTANT NEOPRENE INNER COVER:4.5 THK 2 LAYERS
2	NYLONE FABRIC/TYRE CORD LAYERS
3	METAL REINFORCEMENT (COPPER COATED STEEL WIRE OR SOLID STEEL ENDLESS RINGS):16 SQUARE ROD
4	WIRE REINFORCEMENT (COPPER COATED STEEL WIRE OR SOLID STEEL ENDLESS RINGS):4 SWG
5	FILLER RUBBER (NATURAL)
6	HIGH GRADE ABRASION RESISTANT NEOPRENE OUTER COVER: 4.5 THK.

4-17053-41023
REF. DRG. NO.

SIGN. & DATE

INVENTORY NO.

FOR C - BOM REFER DRG. NO. 3 - 17053 - 41914				ITEM NO. 002		PRODUCT GROUP No.1	
भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL				नाम / NAME	हस्ता / SIGN.	दि. / DATE	वे. की संख्या NO. OF VAR.
				क्यासा DRN.	दिलीप सुरवाडे	04.03.20	
				जोडा CKD.	पवन राय	05.03.20	
				स्वीकृत APPD.	ए.के.माहौर	06.03.20	
विभाग DEPT.CDE	अन.टोल. नाप की श्रेणी UNTOL. DIMS. GR.	उत्पात SCALE	भार. वजन. WEIGHT(K.G.)	असे. ड्राईंग का संदर्भ REF. TO ASSY. DRG.	मद क. ITEM NO.	मद संख्या NO. OF ITEM	
कोड CODE 411	M AA0230208	N.A.	1050	3-17053-41914	002	--	
शीर्षक / TITLE CONVENTIONAL R.E.JOINT (2800NB) RUBBER BELLOWS				ड्राईंग क. / DRAWING NO. 4-17053-41070		पुन. / REV. 01	
				पृष्ठ क. / SHT. NO. 1		पृष्ठों की सं. NO. OF SHT. 4	

A4 SIZE