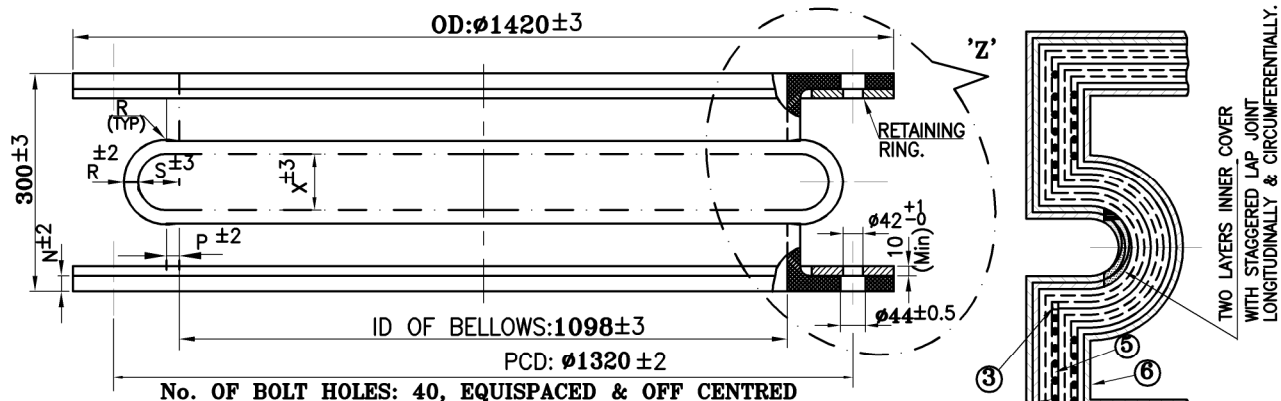


FIRST ANGLE PROJECTION

COMPANY.	REV.	DATE	ALTERED	REV.	DATE	ALTERED	D SURWADE		ADDITIONAL INFORMATION
			CHECKED			PAWAN RAI		W.O.No.18002-Q-11267	
			APPROVED			MAHOR AK		STATUS OF DRAWING	
	ZONE		ZONE	DRG.REVISED TO INCORPORATE NTPC COMMENTS ON GA DRG.		DRG.No.4-17053-41065			
						DISTRIBUTION OF PRINTS			
						CDE-2	STM-4		



DESIGN DATA

- DESIGN PRESSURE ----- 7.5 Kg/sq.cm.g & FULL VACUUM.
- HYD. TEST PRESSURE ----- 15 Kg/sq.cm.g
- DESIGN TEMPERATURE ----- 50 DEG. C
- VACUUM TEST ----- 700 mm Hg

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.

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 THE ANY TWO SEGMENTS SHOULD BE LIMITED TO 4 mm 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: IS 2062 Gr.B
- SHORE HARDNESS: 65±5' SHORE 'A'

FOR C-BOM REFER DRG.No. 3-17053-41913

ITEM No.002

PRODUCT GROUP No.1

INVENTORY NO.	SIGN. & DATE	1x660 MW PANKI TPS EXTN.	भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL					नाम / NAME		हस्ता / SIGN.	दि./ DATE	वे. नं. की संख्या NO. OF VAR.
								कनाया DRN.	दिलीप सुरवाडे		02.03.20	
								जीवा CKD.	पवन राय		03.03.20	
								स्वीकृत APPD.	ए.के.माहौर		04.03.20	—
			विभाग DEPT.CDE	उन.टोल. नाप की श्रेणी UNTO. DIMS. GR.		उत्पात SCALE	भार. कि.ग्रा. WEIGHT(K.G.)	उसे. ड्राईंग का संदर्भ REF. TO ASSY. DRG.		मद क. ITEM NO.	मद संख्या NO. OF ITEM	
			कोड CODE 411	M AA0230208		--	300	3-17053-41913		002	--	
			शीर्षक / TITLE CONVENTIONAL R.E.JOINT (1100NB) RUBBER BELLOWS					ड्राईंग नं. / DRAWING NO. 4-17053-41066		पुन./REV. 01		
								पृष्ठ नं. / SHT. NO. 1		पृष्ठों की सं. NO. OF SHT. 4		