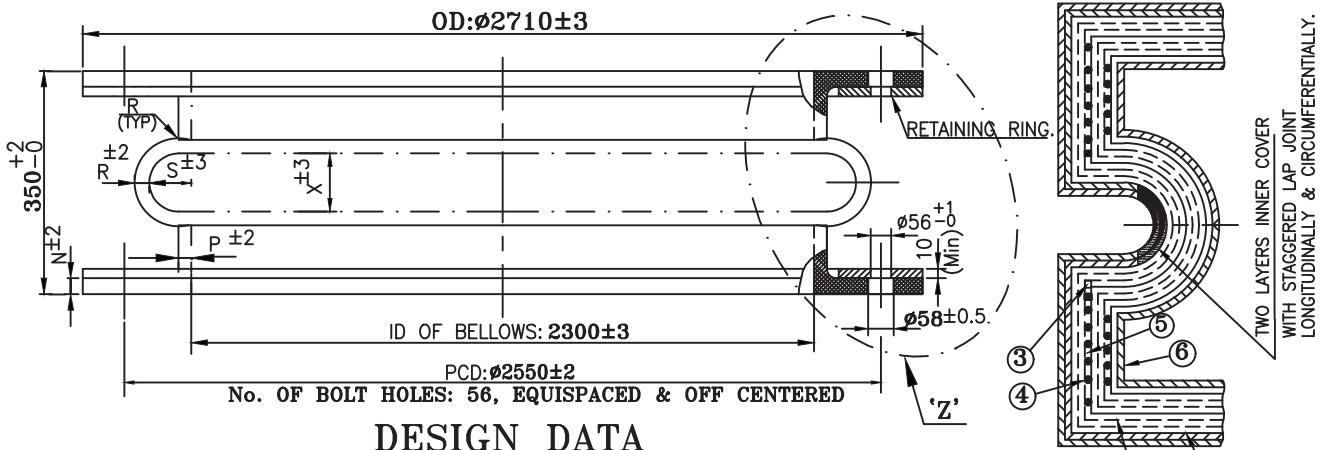


FIRST ANGLE PROJECTION

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED			CHECKED	
		APPROVED			APPROVED	
ZONE			ZONE			W.O.No. - 17057-A-11265
						STATUS OF DRAWING
						DRG.LIST No.4-17053-41017
						DISTRIBUTION OF PRINTS
						CDE-2 STM-2

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DESIGN DATA

- a. DESIGN PRESSURE ----- 5.0 Kg/sq.cm.g & FULL VACUUM.
- b. HYD. TEST PRESSURE ----- 10.0 Kg/sq.cm.g
- c. DESIGN TEMP. ----- 60 DEG. C
- d. VACUUM TEST ----- 30 mm Hg abs

1	HIGH GRADE ABRASION RESISTANT INNER COVER:4.5 THK 2 LAYERS
2	NYLON FABRIC/TYRE CORD LAYERS
3	METAL REINFORCEMENT: 16 SQUARE ROD
4	CS WIRE REINFORCEMENT: 4 SWG
5	FILLER RUBBER (NATURAL)
6	NEOPRENE OUTER COVER: 4.5 THK

TECHNICAL REQUIREMENTS(TR)

1. VENDOR TO FURNISH DIMENSION P,R,N,T,X & S.
2. MATERIAL SPECIFICATION AND OTHER TECHNICAL CONDITION AS PER TECHNICAL SPECIFICATION No.HE-54017.
3. STIFFNESS OF BELLOWS AT DESIGN PRESSURE OF 5Kg/cm g
 - A) LATERAL STIFFNESS..... 6850 N/mm.max, (AT 10 mm DEFLECTION)
4. AXIAL COMPRESSION ----- 25 mm
 AXIAL ELONGATION ----- 25 mm
 TRANSVERSE MOVEMENT ----- 25 mm
5. DEFLECTION MOVEMENT TEST IN VACUUM CONDITION AT AN INTERVAL OF 5mm AND PRESSURE INTERVAL OF 1 Kg/sq.cm UP TO DESIGN PRESSURE 5.0 Kg/sq.cm.g. OF MOVEMENT OF 5mm. AT EACH STEP.
6. THE RETAINING RING GAP BETWEEN SEGMENTS SHOULD BE LIMITED TO 4mm max.
7. RETAINING RING SHALL BE MATCH MARKED AND PROPER IDENTIFICATION MARKS SHALL BE PUT ON RETAINING RINGS, WITH 'EB' NUMBER OF RESPECTIVE RUBBER BELLOWS.
8. BOLT HOLES ON THE EXPANSION JOINT (RUBBER BELLOWS) FLANGE SHALL BE TREATED/COATED WITH SELF VULCANISING RUBBER.
9. RETAINING RING OF CARBON STEEL IS:2062 Gr.A SHALL BE HOT DIP GALVANIZED. COATING THICKNESS:0.100 TO 0.130mm.
10. CHLORINATED RUBBER BASED PAINT COMPATIBLE WITH NEOPRENE RUBBER SHALL BE APPLIED AS PROTECTIVE COATING ON INNER & OUTER SURFACE OF BELLOWS.
11. BELLOWS TO HAVE HARD MARKING OF EB NUMBER & DATE OF MANUFACTURE ON EACH BELLOW.

4-17053-41007 REF. DRG. NO.	13.04.19 SIGN. & DATE	1X660 MW BHUSAWAL TPS UNIT-06	<p>भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल BHARAT HEAVY ELECTRICALS LTD. BHOPAL</p>	PRODUCT GROUP No.1			
				नाम / NAME	हस्ता / SIGN.	दि. / DATE	वेरि की संख्या NO. OF VAR.
			बनाया DRN.	दिलीप सुरवाडे		11.04.19	
			जांचा CKD.	पवन राय		12.04.19	
			स्वीकृत APFD.	ए.के.माहौर		13.04.19	

INVENTORY NO.	विभाग DEPT.CDE	उत्प. टोल. नाप की त्रुटि UNTOL. DIMS. GR.		अनुपात SCALE	भार. कि.ग्रा. WEIGHT(K.G.)	उसे. ड्राईंग का संदर्भ REF. TO ASSY. DRG.	मद क. ITEM NO.	मद संख्या NO. OF ITEM	
						3-17053-41856 3-17053-41857			
1X660 MW BHUSAWAL TPS UNIT-06	कोड CODE 411	M AA0230208		--	750	ड्राईंग क. / DRAWING NO.			
	वैरि / TITLE बेयर बैलोज (COMPENSATING R.E.JOINT) BARE BELLOWS (2300NB)						4-17053-41024 00		
	पृष्ठ क. / SHT. NO. 1						पृष्ठों की सं. NO. OF SHT. 4		