

20/c

FIRST ANGLE PROJECTION

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED	01	22.6.20	CHECKED	
		APPROVED			APPROVED	
ZONE			ZONE			STATUS OF DRAWING
						DRG. LIST No. 4-17053-41065
						DISTRIBUTION OF PRINTS
						CDE-2 STM-2

DESIGN DATA

a. DESIGN PRESSURE ----- 6.0 Kg/sq.cm.g & FULL VACUUM.

b. HYD. TEST PRESSURE ----- 12.0 Kg/sq.cm.g

c. DESIGN TEMP. ----- 60 DEG. C

d. VACUUM TEST ----- 30 mm Hg abs

1	NEOPRENE 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)

- VENDOR TO FURNISH DIMENSION P, R, N, T, X & S.
- MATERIAL SPECIFICATION AND OTHER TECHNICAL CONDITION AS PER TECHNICAL SPECIFICATION No. HE-54017.
- STIFFNESS OF BELLOW AT DESIGN PRESSURE**
 - LATERAL STIFFNESS: 7200 N/mm.max. (AT 10 mm DEFLECTION)
- AXIAL COMPRESSION: 25 mm
AXIAL ELONGATION: 25 mm
TRANSVERSE MOVEMENT: ±25 mm
- DEFLECTION MOVEMENT TEST IN VACUUM CONDITION AT AN INTERVAL OF 5mm AND PRESSURE INTERVAL OF 1 Kg/sq.cm UP TO DESIGN PRESSURE 6.0 Kg/sq.cm.g. OF MOVEMENT OF 5mm. AT EACH STEP.
- THE RETAINING RING GAP BETWEEN SEGMENTS SHOULD BE LIMITED TO 4mm max.
- RETAINING RING SHALL BE MATCH MARKED AND PROPER IDENTIFICATION MARKS SHALL BE PUT ON RETAINING RINGS, WITH 'EB' NUMBER OF RESPECTIVE RUBBER BELLOW.
- BOLT HOLES ON THE EXPANSION JOINT (RUBBER BELLOW) FLANGE SHALL BE TREATED/COATED WITH SELF VULCANISING RUBBER.
- RETAINING RING OF CARBON STEEL IS: 2062 Gr.B SHALL BE HOT DIP GALVANIZED. COATING THICKNESS: 0.100 TO 0.130mm.
- CHLORINATED RUBBER BASED PAINT COMPATIBLE WITH NEOPRENE RUBBER SHALL BE APPLIED AS PROTECTIVE COATING ON INNER & OUTER SURFACE OF BELLOW.
- BELLOW TO HAVE HARD MARKING OF EB NUMBER & DATE OF MANUFACTURE ON EACH BELLOW.
- SHORE HARDNESS: 65±5 SHORE 'A'

PRODUCT GROUP No.1								
INVENTORY NO.	DEPT. CODE	UNTO. DIMS. GR.	SCALE	MKT. WEIGHT (K.G.)	भाग / NAME	हस्ता / SIGN.	दि. / DATE	वे. सं. / NO. OF VAR.
					DRN.	दिलीप सुरवाडे	16.03.20	
					CKD.	पवन राय	17.03.20	
					ए.के. माहौर	18.03.20		
1X660 MW PANKI TPS EXTN.	411	M	—	950	उत्त. इन्स. का संदर्भ		सं. सं. / ITEM NO.	सं. सं. / NO. OF ITEM
					REF. TO ASSY. DRG.		003	
					3-17053-41909 3-17053-41910			
भा. सं. / TITLE बेयर बैलोज (COMPENSATING R.E. JOINT) BARE BELLOW (2600NB)					ड्रॉग सं. / DRAWING NO.		उत्त. / REV.	
					4-17053-41077 01			
					पृष्ठ सं. / SHT. NO. 1		पृष्ठों की सं. / NO. OF SHT. 4	

A4 SIZE