


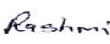



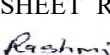
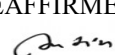




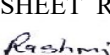
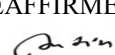


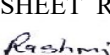
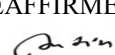


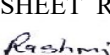
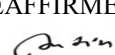



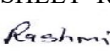
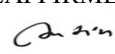






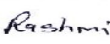
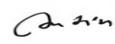



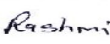
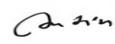



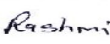
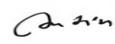

RFF	COMP. dng	 Form No. 2038	उत्पाद मानक परिणामित्र शाप / अभि. निर्देश	PRODUCT STANDARD TRANSFORMER SHOP/ ENGG. INSTRUCTIONS	<b>TR10150A</b>	
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COPYRIGHT AND CONFIDENTIAL The Information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED. It must not be used directly or indirectly in any way detrimental to the interest of the Company.		<b>TITLE: <u>FLEXIBLE SEPARATOR (AIR CELL)</u></b>				
		<b>1. <u>CONSTRUCTION</u></b>  POLYIMIDE / NYLON FABRIC COATED ON BOTH SIDES SYNTHETIC RUBBER AND MEETING THE COMPLETE REQUIREMENT OF THIS SPECIFICATION SHALL BE USED FOR FABRICATION OF FLEXIBLE SEPARATORS. CONSTRUCTION OF THE SEPARATOR SHALL BE AS SHOWN IN FIGURE-1. ADHESIVES USED SHALL BE COMPATIBLE WITH AIR AND TRANSFORMER OIL AT 100°C. JOINTS SHALL BE PROPERLY DESIGNED & SUITABLY VALCANIZED. FURTHER, SEPARATOR SHLL BE REINFORCED AT BOTTOM FACE AS SHOWN IN FIGURE 1. TO AVOID DAMAGE DUE TO CONTACT WITH MAGNETIC OIL GAUGE FLOAT. THERE SHALL NOT BE ANY PATCH WORK. ADAPTOR USED SHALL BE MADE FROM STRUCTURAL STEEL CONFORMING TO Fe-410-S TO IS:226. ADAPTOR AND BOLTS SHALL BE CADMIUM PLATED AND PASSIVATED (CD-8 OF IS:1572) OR ZINE PLATED AND PASSIVATED. (Fe/Zn 12.5 OF IS:1573). THE WIDTH OF THE OVERLAP AT THE JOINTS TO BE SUCH THAT THERE IS NO POSSIBILITY OF JOINT OPENING AND LEAKAGE AND SHOULD BE MINIMUM 75 mm. THE WIDTH OF SIDE JOINTS SHALL BE AS IN FIGURE 1.				
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		पुन:Rev. 06 दि. Dt. 03/01/22 KARAN NITESH	वितरण DISTRIBUTION  TRE/TRM/FTM TRX/TTG/ QC-TCB / QA-TCB /JHANSI	सं.  स्वीकृत किया : APPROVED : sd/ BSB , SNA	तैयार किया PREPD. HRM	
		पुन:Rev. 05 दि. Dt. 13/11/18 RASHMI NITIN NKM				




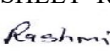
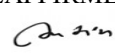

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COPYRIGHT AND CONFIDENTIAL The Information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED. It must not be used directly or indirectly in any way detrimental to the interest of the Company.		<p>(III) SEPARATOR SHALL BE SUITABLE FOR INFLATION AND DEFLATION DUE TO CHANGE IN OIL VOLUME IN THE CONSERVATOR FURTHER, SEPARATOR SHALL BE DESIGNED TO COLLAPSE SLOWLY AS OIL LEVEL RISES IN THE CONSERVATOR.</p> <p>(IV) SEPARATOR SHALL NOT DEVELOP CRACKS AT - 20°C.</p> <p>(V) FIXATION LUGS AND ADOPTER SHALL BE PROVIDED ON THE SEPARATOR AS SHOWN IN FIGURE-1.</p> <p><b>3. MATERIALS</b></p> <p>3.1 BASIC FABRIC BASIC FABRIC USED FOR MAKING COATED FABRIC FOR MANUFACTURING FLEXIBLE SEPARATORS SHALL MEET THE FOLLOWING REQUIREMENT MATERIAL – POLYAMIDE 6/NYLON 6, PLAIN WEAVE FABRIC OF SUITABLE CONSTRUCTION.</p> <p>3.2 COATING COMPOUNDS THE RUBBER COMPOUNDS USED FOR INSIDE AND OUTSIDE COATING ON THE POLYAMIDE / NYLON FABRIC SHALL MEET THE REQUIREMENT AS GIVEN BELOW.</p> <p>3.2.1. OIL SIDE COATING</p> <p>MATERIAL ACRYLONITRILE BUTADINE RUBBER (NBR) COMPOUND BA – 70 OF BS BS:2751.</p>				
		<div> <div> <b>TR10150A</b>            PAGE 2 OF 10         </div> </div>				
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<b>TR10150A</b> PAGE 7 OF 10		पुनः Rev. 06 दि. Dt. 03/01/22   KARAN NITESH		वितरण DISTRIBUTION  TRE/TRM/FTM TRX/TTG/ QC-TCB / QA-TCB /JHANSI	सं. स्वीकृत किया : APPROVED : sd/ BSB , SNA  तैयार किया PREPD. HRM	जारी किया ISSUED टीआरई/मानक TRE/STD.	दिनांक DATE 07-01-92																																																																															
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T2	=	TYPE TEST (ONCE IN FIVE YEARS)													
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उत्पाद मानक

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TRANSFORMER

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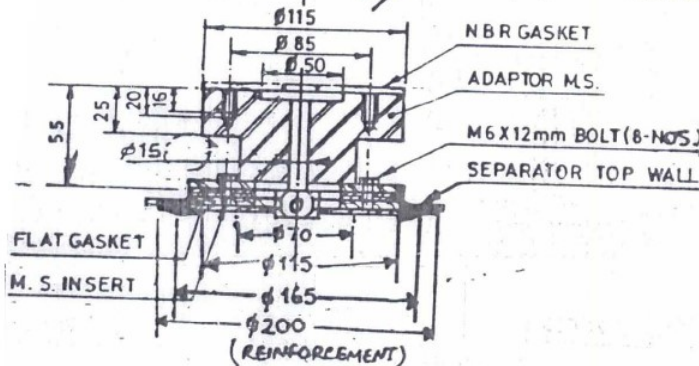
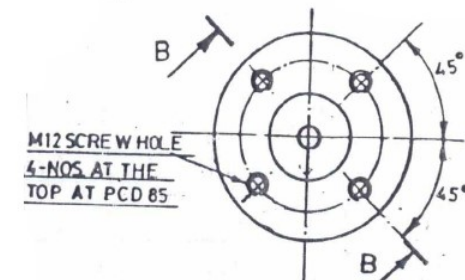
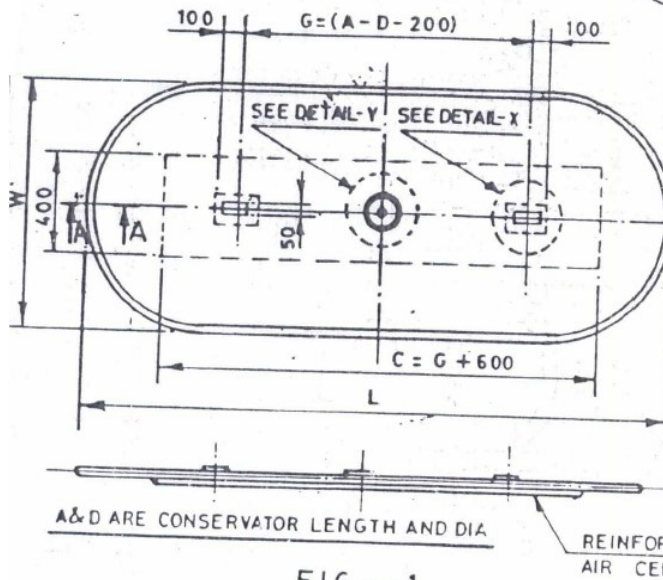
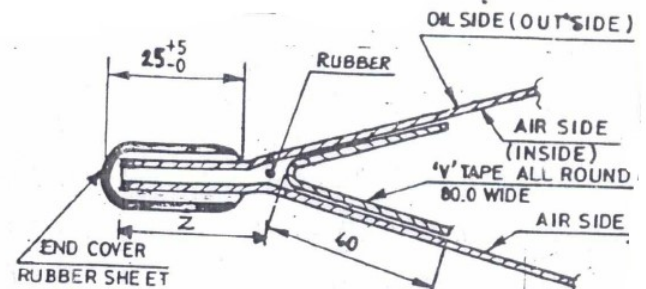
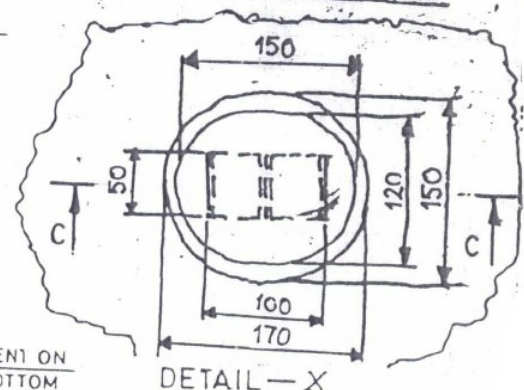
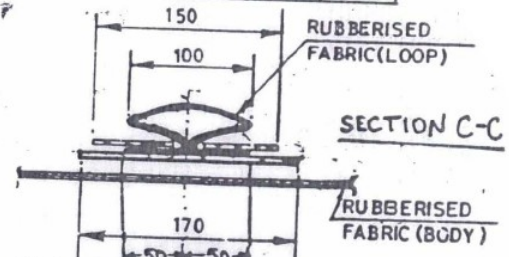
SECTION B-B  
(DETAIL-Y)

FIG.—1



JOINT DETAIL SECTION A-A

SIZE OF AIRCELL	Z
LARGE	35
MEDIUM	30
SMALL	25



DETAIL—X

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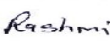
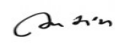

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