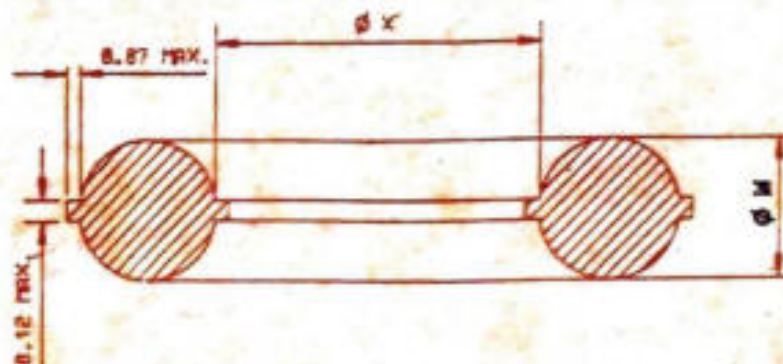


INDIAN RAILWAYS  
R.D.S.O (MP)

APPLICABLE FOR

## 'O' - RINGS



S.NO.	WABCO. PART CAT.NO.	Ø 'W'	Ø 'X'	VALUE
1	532289	5.33 ± 0.12	62.86 ± 0.25	UA-18
2	534662	1.78 ± 0.07	6.87 ± 0.12	UA-18, H-5, NB-5
3	524612	1.78 ± 0.07	9.25 ± 0.12	H-5, 2808, NB-5
4	531868	2.62 ± 0.07	13.94 ± 0.12	A-9, SA-9, D-1 AUTO.
5	526388	3.53 ± 0.10	28.17 ± 0.15	A-9, D-1 DIFF., D-1 DIESEL.
6	524614	2.62 ± 0.07	18.72 ± 0.12	A-9, CBV, M28, D-1 DIESEL.
7	523734	2.62 ± 0.07	17.12 ± 0.12	A-9, SA-9
8	527555	3.53 ± 0.10	21.82 ± 0.12	UA-1 REL.
9	523732	2.62 ± 0.07	9.20 ± 0.12	2808
10	523842	2.62 ± 0.07	18.77 ± 0.12	CBV
11	524935	2.62 ± 0.07	15.54 ± 0.12	HS-1
12	524794	3.53 ± 0.10	31.34 ± 0.12	F-1
13	536588	3.53 ± 0.10	32.92 ± 0.12	A-9, F-1
14	532282	3.53 ± 0.10	34.52 ± 0.12	CBV, F-1
15	524620	1.78 ± 0.07	2.98 ± 0.12	D-240, D-1 AUTO., D-1 DIESEL.
16	564856	1.78 ± 0.07	15.68 ± 0.12	A-9, SA-9
17	532257	2.62 ± 0.07	12.37 ± 0.12	CBV
18	536239	3.53 ± 0.10	29.74 ± 0.15	CBV
19	524615	3.53 ± 0.10	18.64 ± 0.12	A-1 DIFF.

## NOTE-

- 1- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
- 2- MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON 'O' - RINGS WITH INDELEIBLE INK/PAINT.

MATERIAL: RUBBER COMPOUND GR 'C' OF CLAUSE  
3.2.4.1 TO IRS.R 48/88.

SCALE

REF:

NOT TO  
SCALE

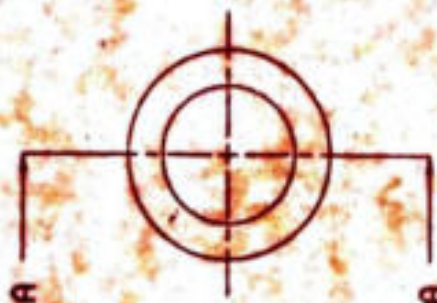
SK.DP-3031

ALT	NO. OF PLACES	DESCRIPTION	ALT. NOTE NO.	SIGN	DATE	FIRST ISSUED	SUPERSEDES	SUPERSEDED BY
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## NOTE -

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
2. MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON THE GASKET WITH INDELIBLE INK/PAINT.



## SECTION - "A A"

MATERIAL : RUBBER COMPOUND Gr. "D" OF CLAUSE 5.2.4.1 TO  
IRS R-48/88.

PORT GASKET

(C-2W)

SCALE: 2:1

527717

R.D.S.DSK.OP-3033

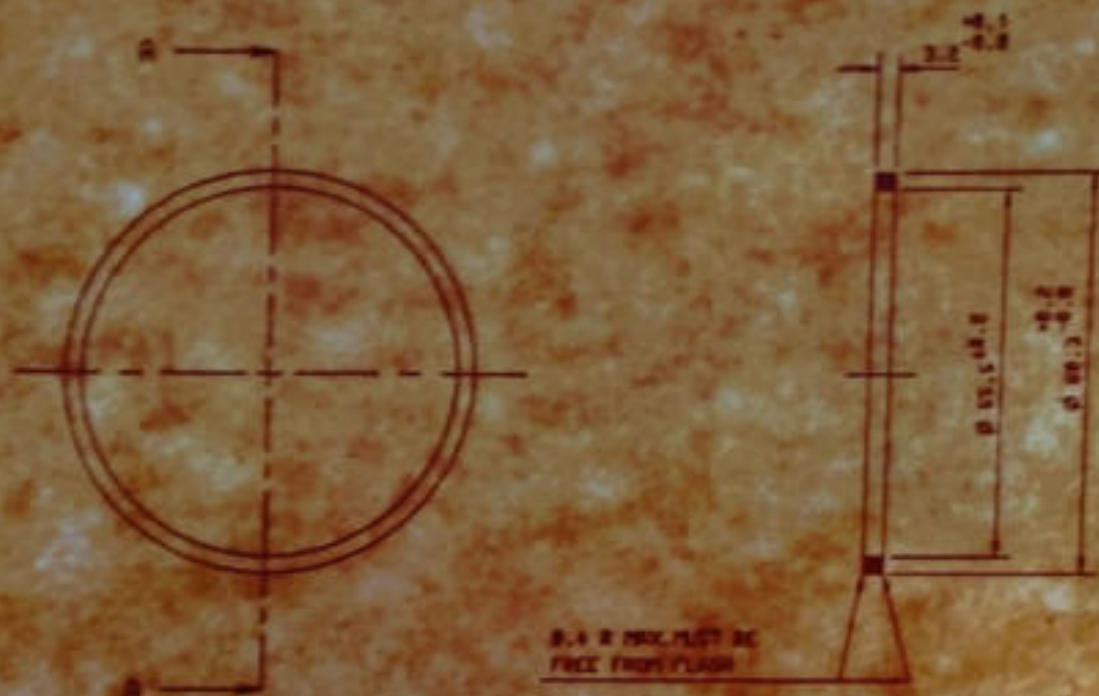
ALT. NO. DPT. PLACES	REV. NO.	DESCRIPTION	ALT. NO. DPT. PLACES	REV. NO.	DESCRIPTION	ALT. NO. DPT. PLACES	REV. NO.	DESCRIPTION
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229



NOTE -

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
2. MANUFACTURER SHALL MARK THEIR IDENTIFICATION ON THE GASKET WITH DOUBLEDIE IN-PAINT.



SECTION "A-A"

MATERIAL: RUBBER COMPOUND Gr. 'D' OF CLAUSE 5.2.4.1 TO  
IRS R-42/88.

GASKET

(F-1 SELECTOR VALVE)

SCALE- 1:1

UNICD, CXT, NO. 533417

R.D.S. DSK. DP-3036

DESIGN
REV
DATE
BY
CHECKED
APPROVED



## NOTE -

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
2. MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON THE MARKET WITH INDELIBLE INK/PAINT.
3. ALL TOLERANCES  $\pm 0.15$  UNLESS OTHERWISE STATED.



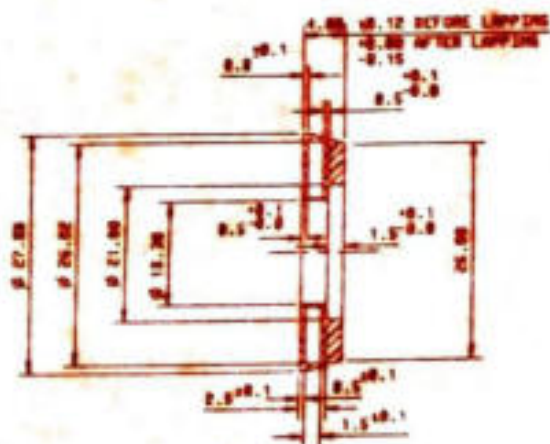
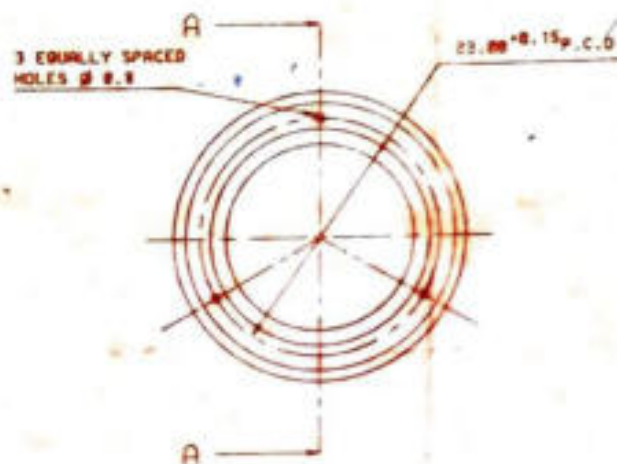
MATERIAL: RUBBER COMPOUND Gr. 'E' OF CLAUSE 5.2.4.1 TO  
IS 8-43/88.

Q1	✓
C1	✓
Q2	✓
C2	✓
Q3	✓
C3	✓
Q4	✓
C4	✓
Q5	✓
C5	✓
Q6	✓
C6	✓
Q7	✓
C7	✓
Q8	✓
C8	✓
Q9	✓
C9	✓
Q10	✓
C10	✓

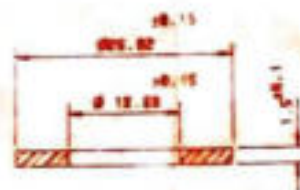
ALT	NO. OF PLACES	REF. NO.	DESCRIPTION	ALT. NOTE NO.	SIAM	DATE	SEAL	SCALE - 1:1	REF. MARKS, CAT. NO., SAKS
							(UA-1 & D-1 EMERGENCY)	R.D.S.OSK.DP-3842	

2315847/2025/O/o Dy.CEE/LOCO/GRC/SER

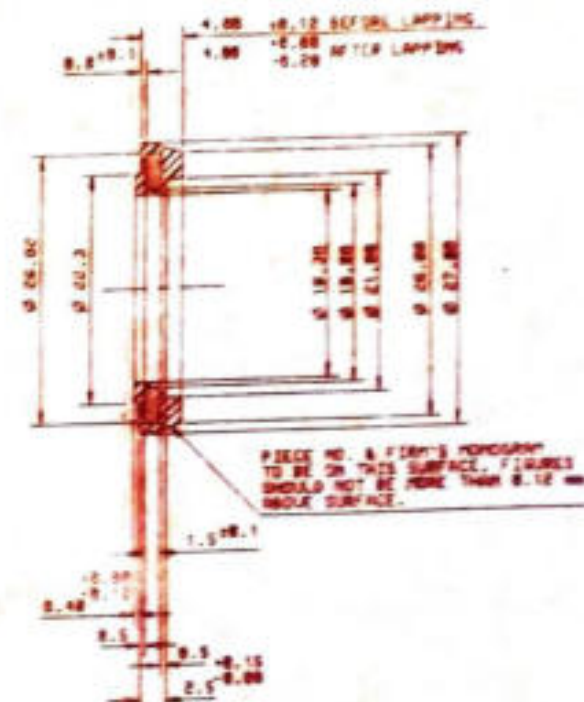
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON THE CHECK VALVE WITH INDELEBIL INK/PAINT.
3. GENERAL TOLERANCE SHOULD BE  $\pm 0.15$  UNLESS OTHERWISE SPECIFIED.



ITEM 1



ITEM 2



SECTION "A-A"

2	INSERT	1	BRASS TO IS-19
1	SEAL SUPPLY VALVE	1	ELASTIC G-1 OF 1.5mm
REF. NO. PART NO.	DESCRIPTION	NO. OF	UNIT/BOX
SEAL WITH INSERT			
(D-1 EMERGENCY, A-9 & C24)			
SCALE: 1:1	REF. NO. PART NO.	FIRST SURVEY	
INDIAN RLY. DRG. NO. SK.DP-3844		UPPER PART	
R D S DIMP		LOWER PART	

ALT	REV	DESCRIPTION	ALT. NO.	DATE
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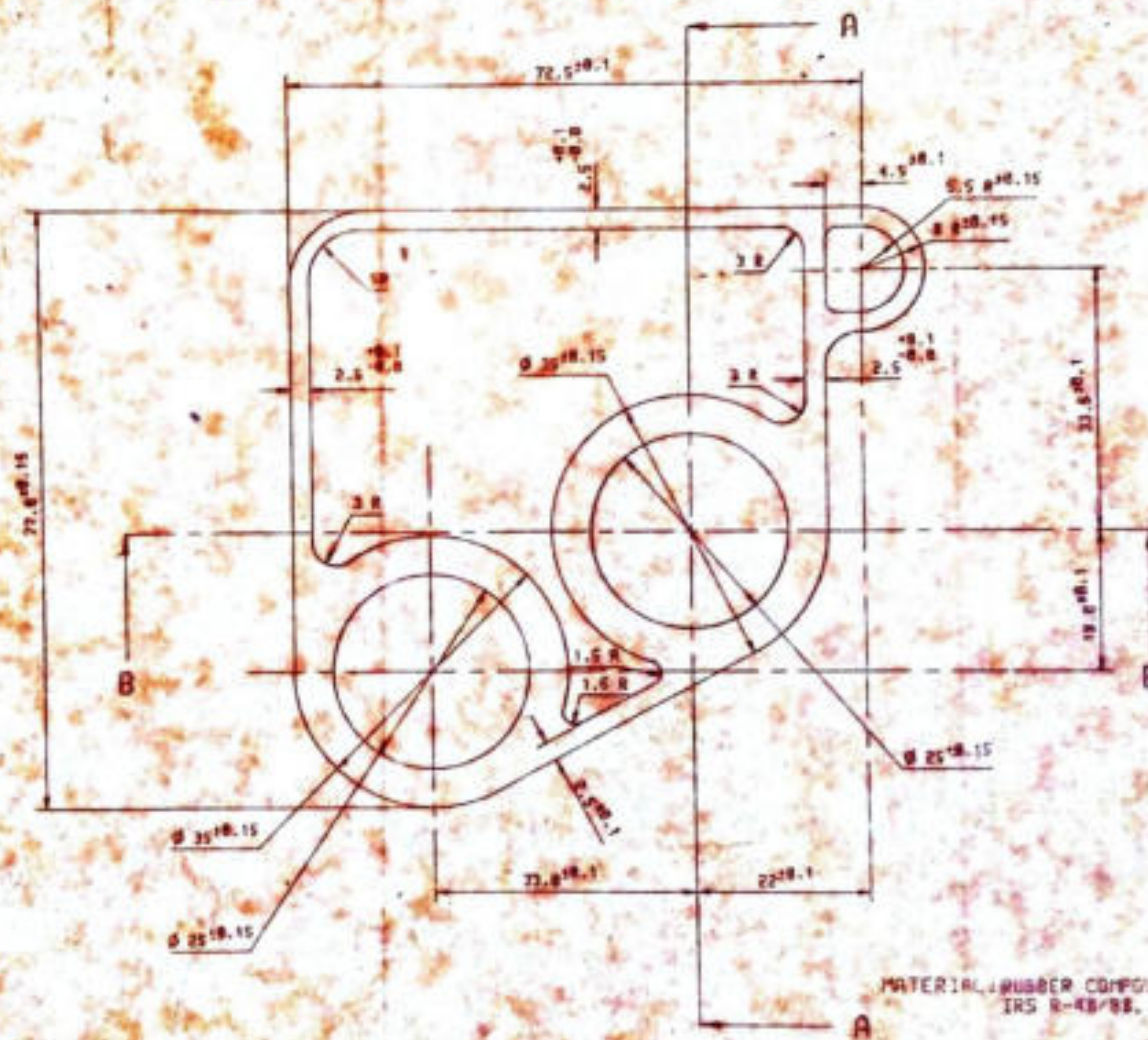
2315847/2025/O/o Dy.CEE/LOCO/GRC/SER

## NOTE

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON THE GASKET WITH INDELEIBLE INK/PRINT.
3. GENERAL TOLERANCE SHOULD BE  $\pm 0.15$  UNLESS OTHERWISE SPECIFIED.

SECTION-"A A"

SECTION-"B B"



MATERIAL: RUBBER COMPOUND Gr. 1 OF CLASS 5.2.4.1 TO  
IRS R-48/88.

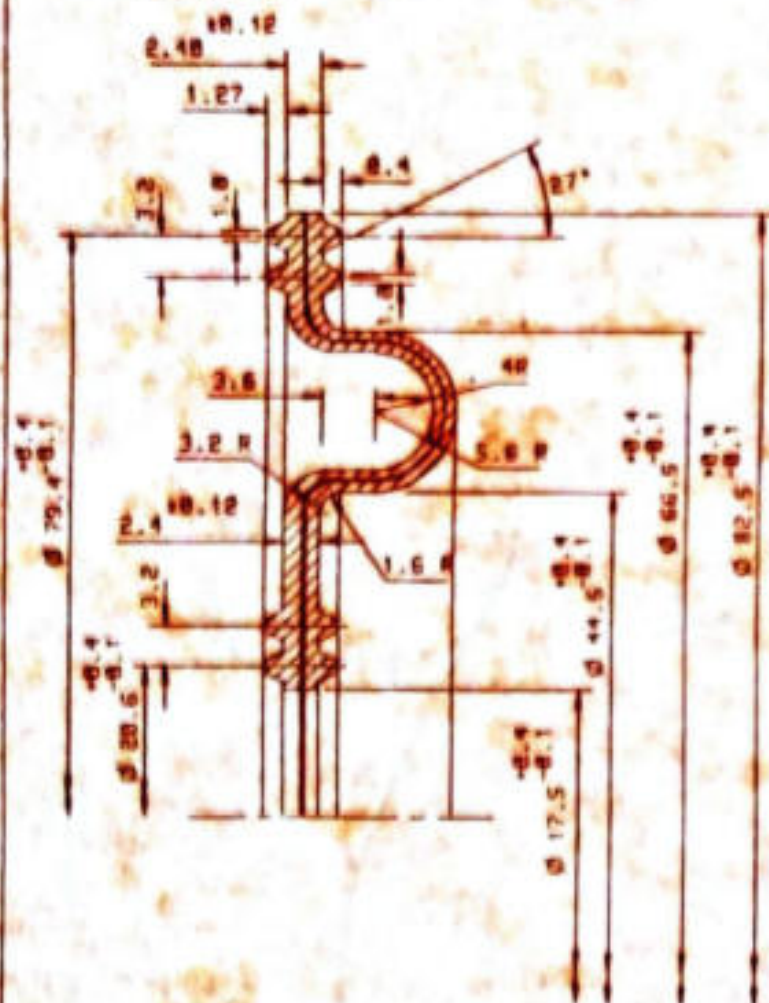
REV	DATE	DESCRIPTION	BY	CHKD	APPD	DATE
1		GASKET (PIPE BRACKET FOR C21)				
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DRG. NO. SK DP-3047

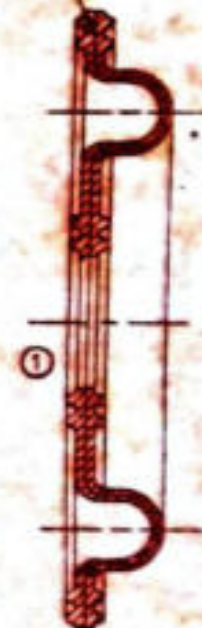


2315847/2025/O/o Dy.CEE/LOCO/GRC/SER

- NOTE
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
  2. MANUFACTURER SHOULD MARK PART NO. AND THEIR IDENTIFICATION AND QUARTER-YEAR OF MANUFACTURE ON THE DIAPHRAGMS WITH RAISED LETTERS MORE THAN 0.12 mm.
  3. FABRIC FOR REINFORCEMENT SHOULD CONFORM TO CLAUSE 2.3.1.2 OF IRS R-48/88.



INSERTED FABRIC FOR  
REINFORCEMENT



MATERIAL: TYPE 2 (b) OF CLAUSE 2.2.1 AND RUBBER COMPOUND TO GRADE 'B' OF CLAUSE 2.3.4.1 TO IRS R-48/88.

DIAPHRAGM

(A-9 , SA-9 & HS4)

SCALE- 1:1

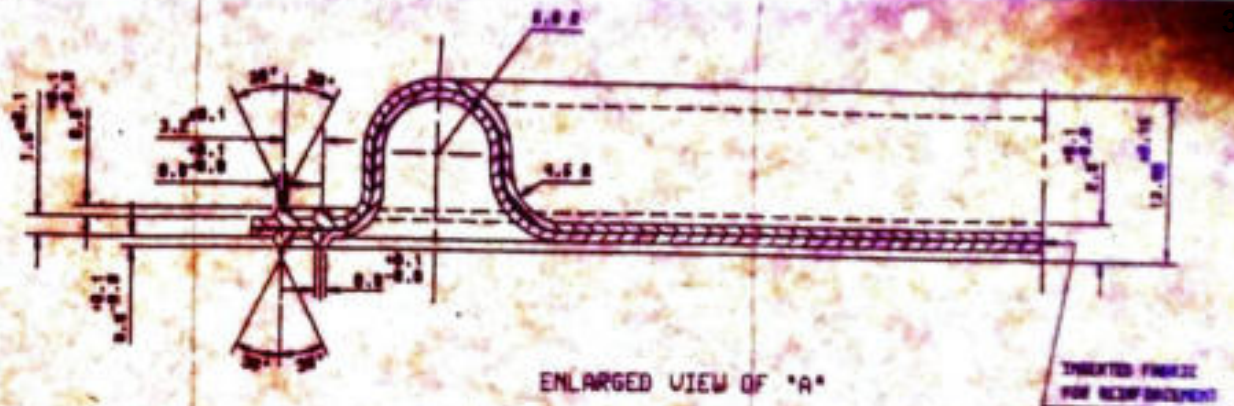
REF. LABCD P.C. NO. 526346

R.D.S.D SK.DP-3052

1			HATCHING FROM HOLE DIA. 17.5 REMOVED.	L3-404	8/94
ALT.	NO. OF PLACES	REF. NO.	DESCRIPTION	ALT. NOTE NO.	SIGN DATE



02510/c Dy.CEE/L&C/GRC/SER

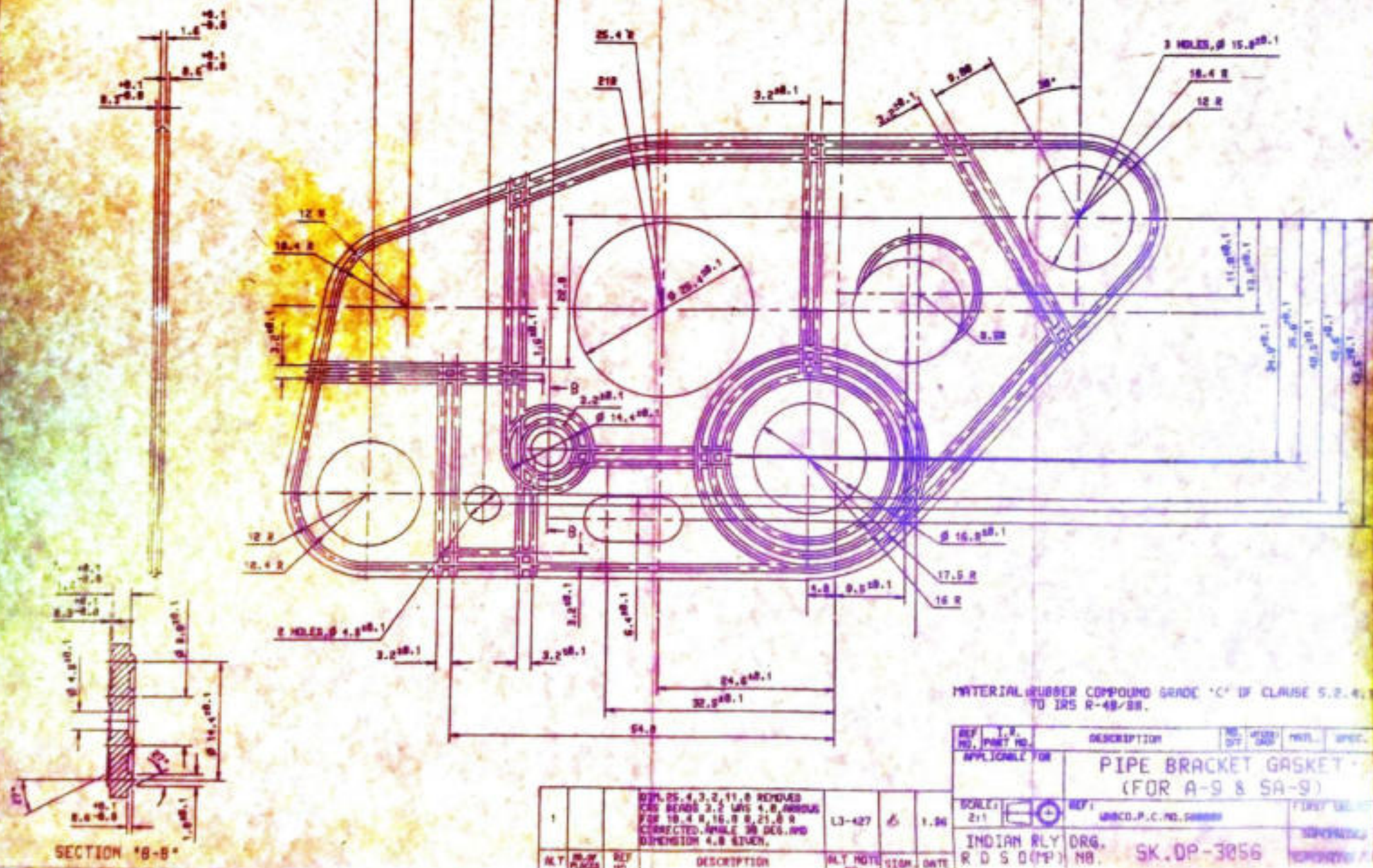


**MATERIAL:** TYPE 1 (a) OF CLASS 2.2.1 AND RUBBER COMPOUND G- 9' OF CLASS 2.3.4.1 TO IRS 2-48/11.

REF NO.	U.S. PRINT NO.	DESCRIPTION	RE. OFF.	YEAR	DATE	QTY.
APPL. SCHEDULE FOR		DIAPHRAGM (220 VALUE)				
SCALE:	NO.	WASCO. OFF. NO. 52000	PART. DISC.			
1:1						
INDIAN RLY R O S O (MP)		DRG. NO. SK. DP-3853	SPECIFICATION			



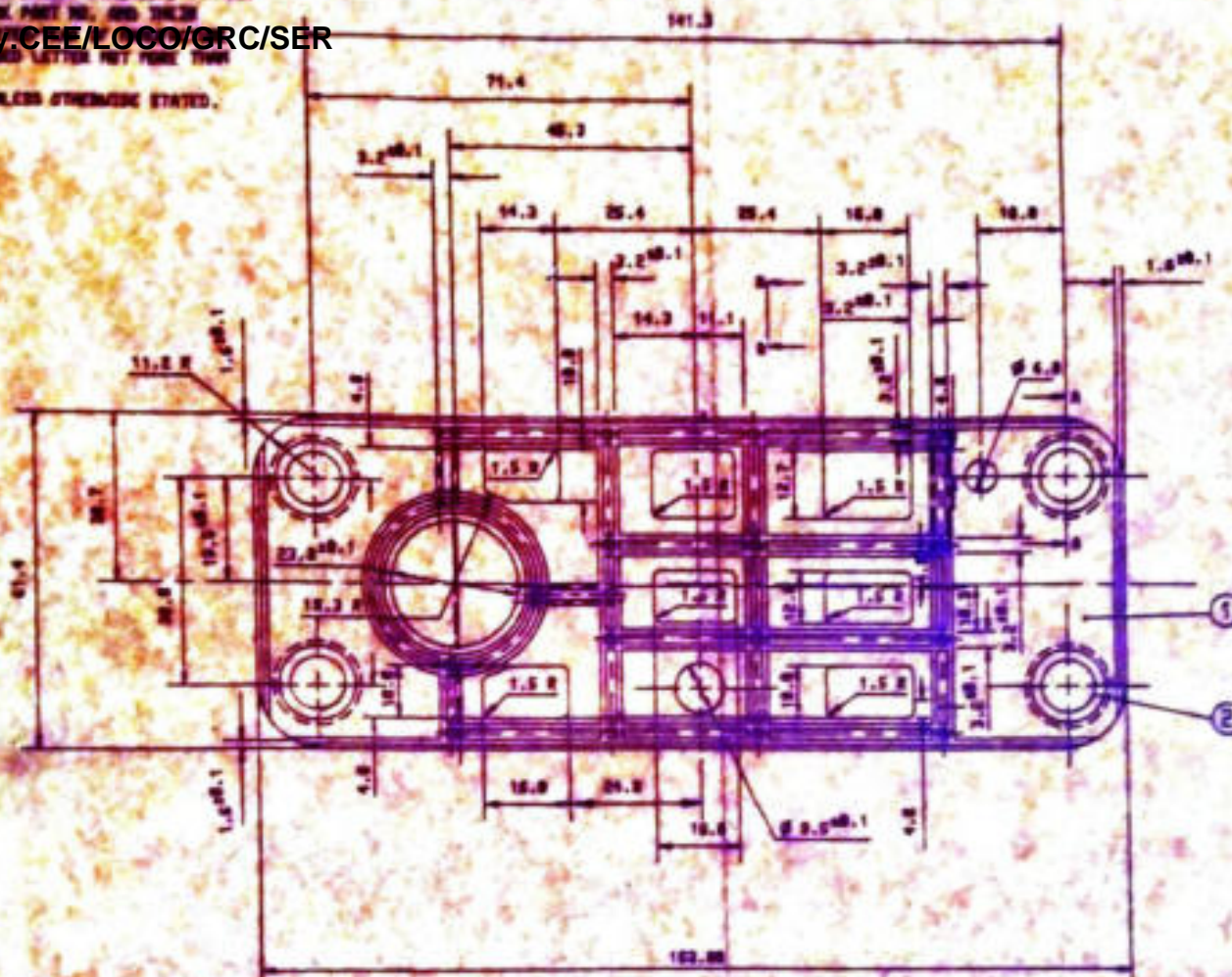
NOTE-  
1. MANUFACTURER SHOULD MARK PART NO. AND THEIR IDENTIFICATION AND QUANTITY/YEAR OF MANUFACTURE ON THE BAGGNET WITH RAISED LETTER NOT MORE THAN 8.12 mm.  
2. ALL TOLERANCES ARE .15 UNLESS OTHERWISE STATED.



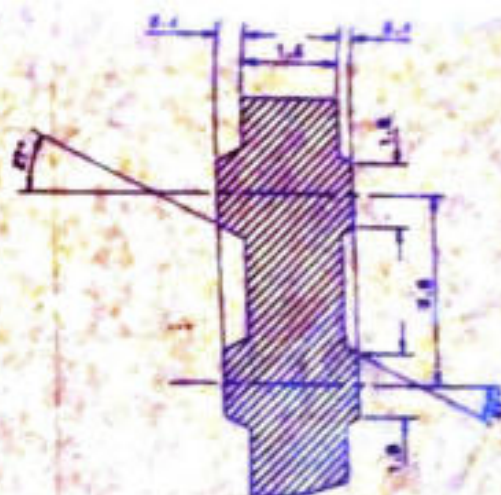
REF NO.	T.Y. PART NO.	DESCRIPTION	NO. OF	UNIT/ CASE	QTY.	SPEC.
APPLICABLE FOR		PIPE BRACKET GASKET - (FOR A-9 & SA-9)				
SCALE: 2:1		REF:	UNICD.-P.C.NO. 000000		FIRST QTY.	
INDIAN RLY R D S O (M)		ORG. NO.	SK.OP-3056		SIGNATURE	



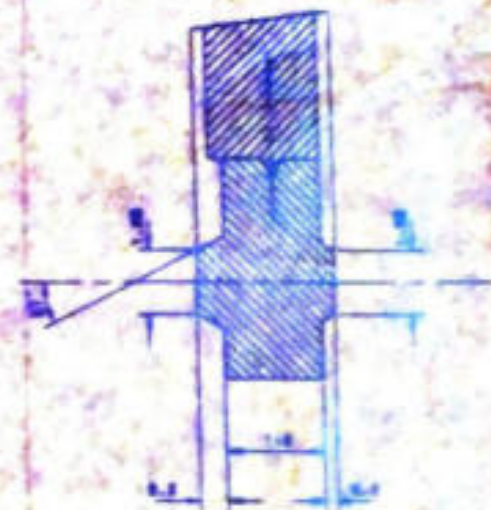
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.  
2. DIMENSIONS SHALL MEET PART NO. AND THEIR  
158747/2025/O/o Dy.CEE/LOGO/GRC  
SHALL BE MET UNLESS OTHERWISE STATED.  
3. ALL TOLERANCES ARE IN mm UNLESS OTHERWISE STATED.



### ITEM 2



ENLARGED SECTION THROUGH BEADS-18-5'



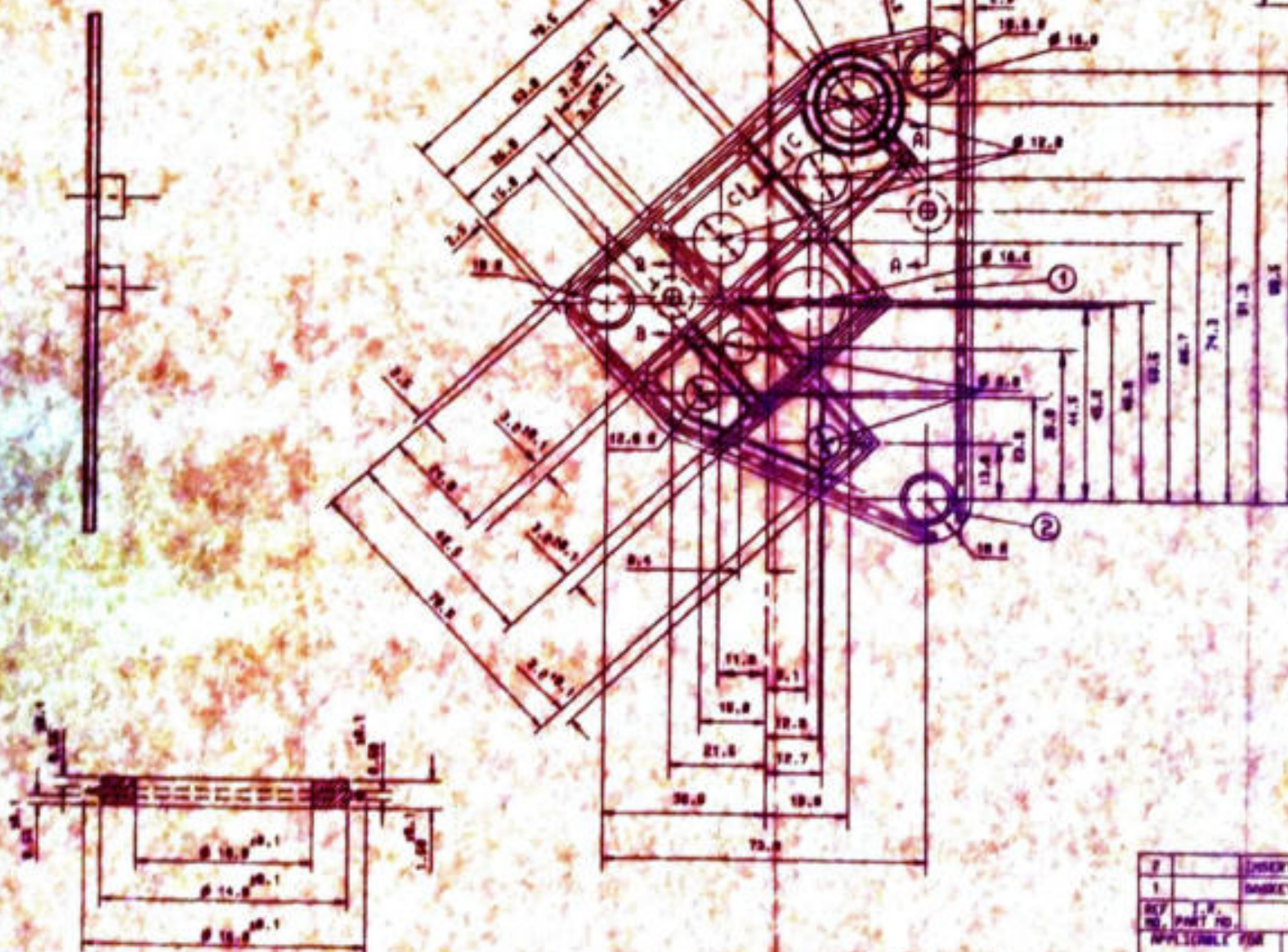
ENLARGED SECTION THROUGH INSERT-A-B

2	2	DISPOSITIONS 41.8 AND 39.7 WMS 41.3 AND 39.2 RESPECTIVELY. 28 SECTION VIEW "A-A" ADDED. DIMENSIONS 1.8, 1.8, 3.8 CHANGE TO 2.4, 2.3, 3.8 RESPECTIVELY. WMS FOR DIMENSION 3.2 CONNECTED DIMENSION 4.8 AND LENGTH OF GASKET STUDY 3.0". 2.5, 11.2 AND 8.67 THREE PLACES SELECTED DIM 3.2 FROM POCKET TO HOLE CENTER STUDY CENTER LINES FOR HOLE CONNECTED.	L3-427		1.36
1	1	WMS P.C. NO. 528534 WMS 528534	L3-485	2	8.94
ALT. PART NO.	ALT. PART NO.	DESCRIPTION	ALT. PART NO.	QTY.	DATE



NOTE -  
2315847/2025/O/S Dy.CEE/LOCO/GRC/SER

1. DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS.  
2. IDENTIFICATION AND NUMBER-YEAR OF MANUFACTURE  
ON THE GASKET WITH RAISED LETTER NOT MORE THAN  
2.15 mm.  
3. ALL TOLERANCES  $\pm 0.15$  UNLESS OTHERWISE STATED.



ENLARGED SECTION THROUGH BEAD  
AT SECTION \*C-C\*

ENLARGE SECTION OF ODGELS  
AT \*A-A\* & \*B-B\*

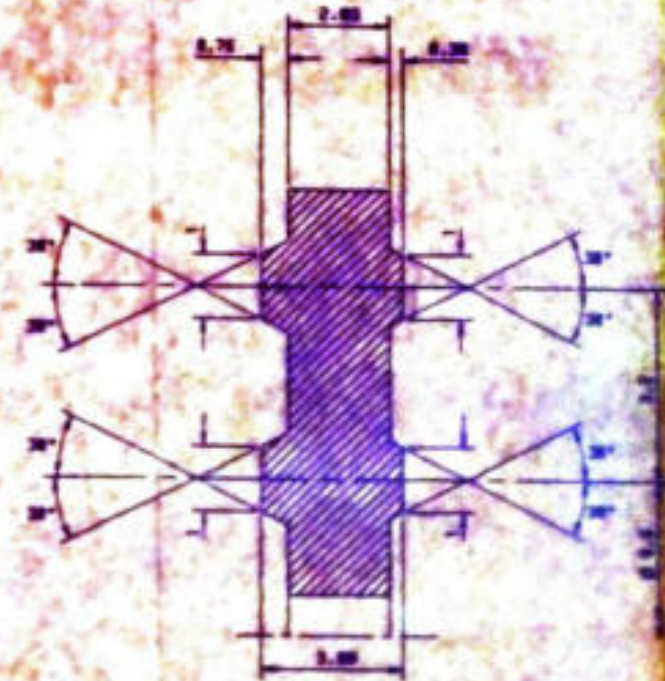
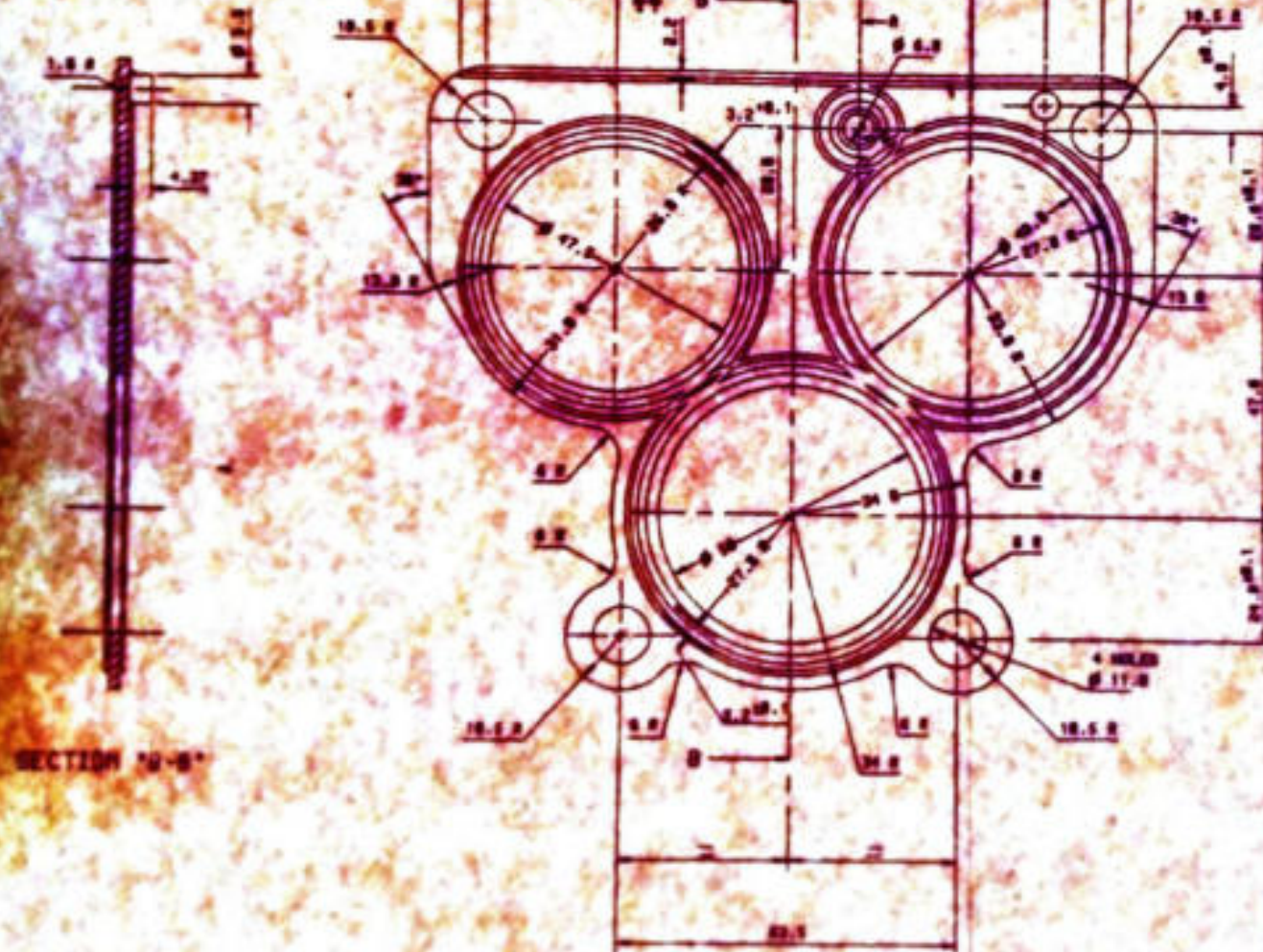
ITEM 2

1	BEAD AT ONE CORNER CORRECTED IN SECTION *C-C* DIMENSION 1.5 mm 2.5 mm DIMENSION 1.5 mm 2.5 mm DIMENSION 1.5 mm 2.5 mm DIMENSION	L3-427	A	1.00
ALT.	ALT. PART NO.	ALT. PART NO.	ALT. PART NO.	ALT. PART NO.
DESCRIPTION	ALT. PART NO.	ALT. PART NO.	ALT. PART NO.	ALT. PART NO.

1	INSERT	1	WASHER TO IS 1418
1	GASKET	1	PIPE BRACKET GASKET
REF. NO.	PART NO.	DESCRIPTION	NO. OF
APPLICABLE FOR	PIPE BRACKET GASKET (MU-2B)		
SCALE:	1:1	REF:	WASHER, CRY. NO. 100000
INDIAN RLY. ORG.	R D S O (MP)	NO.	SK.DP-3053



1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON THE GASKET WITH INDELIBLE INK/PENNY.
3. GENERAL TOLERANCE SHOULD BE  $\pm 0.15$  UNLESS OTHERWISE SPECIFIED.



MATERIAL: RUBBER COMPOUND GRADE 'D' OF CLAUSE 5.2.4 TO IRS R-48/88.

REVISION 2.2 AND 3 FOR BEAD  
LINES ENLARGED AND DIMENSIONS  
CORRECTED FROM  
L3-427  
DATE 1.06

DESCRIPTION

REV	DATE	DESCRIPTION	BY	CHKD	APPD
1	1.06	GASKET (BOTTOM COVER FOR F-1)			
2	1.06	INDIAN RLY R D S GMP			
3	1.06	DRG. NR. SK.OP-3859			





ITEM 2

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED
2. MANUFACTURER SHOULD MARK THEIR IDENTIFICATION ON THE CHECK VALVE WITH INDELIBLE INK/PAINT.
3. GENERAL TOLERANCE SHOULD BE  $\pm 0.15$  UNLESS OTHERWISE SPECIFIED.

2		INSERT	1	BRASS TO IS:410
1		SEAL SUPPLY VALVE	1	RUBBER GPE'L' CLASSE S.2.4.1 TO IHS R-48/03
REF NO.	I.R PART NO.	DESCRIPTION	REF NO.	MATERIAL
APPLICABLE FOR		SEAL WITH INSERT (CZW RELAY VALVE)		
SCALE NTSM		REF: WADCO. P. C NO. B50047	FIRST ISSUED	
INDIAN RLY. R D S O (MP)		DRG. NO. SK.DP-3664	SUN REDESIGNED SUPERSEDED BY	