3482195/2026/O/o Dy CME/WS/HQ/NWR

T–0–2–603

⑭ 3/98 DRG. REDRAWN IN CAD SD –Sd– SME	SURFACE ROUGHNESS VALUE TO IS:3073	GRADE NUMBER	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
		Ra μ m	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
		SYMBOL	▽▽▽▽			▽▽▽			▽▽			▽		~

▽ ROUGH MACHINED ⑰ ROUGH CLEANED
▽▽ FINISH MACHINED ⑱ CHAMFERED
▽▽▽ FINE FINISH MACHINED ⑲ BURRS REMOVED

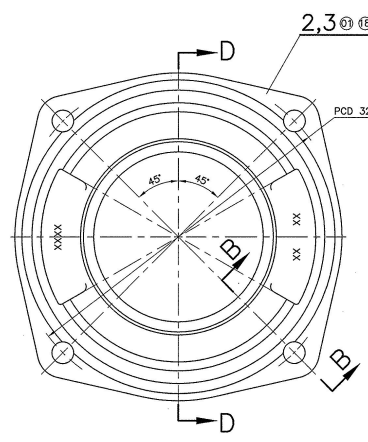
ALTERATIONS

ⓓ 10/2013
TABLE–1– WEIGHT/UNIT DELETED. IN NOTE–7 & MATERIAL SPEC 'YEAR' DELETED.
–Sd.– 01–10–2013
SSE/D AME/D

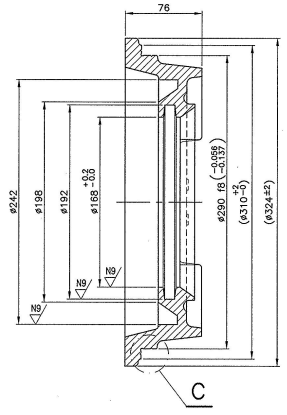
Ⓔ 04/2015
NOTE–8 ADDED FOR REVISED STAMPING PARTICULARS.
–Sd.– 21–4–2015
SSE/D SME/BD

Ⓕ 05/2016
IN SEC–EE, TOLERANCE ±2 ADDED ON DIM ø268, ø250, ø235, ø205, ø162, ø180, ø188, ø194, ø245, ø248, ø264, ø275, ø293, & ø324 AND TOLERANCE $^{+3}_{-2}$ ADDED ON DIM ø310. IN SEC–BB, DIM ø168$^{+0.2}_{-0.3}$, 18, 8.8, 9$^{+0.2}_{-0.3}$ R1.5, R3, R6 ADDED & TOL.±0.2, ±0.3 ADDED ON DIM 13 & 52 RESPLY. IN SEC–DD, ø266.5 ø310$^{+3}_{-2}$ ADDED & TOL ±2 ADDED ON ø324. WEIGHT ADDED FOR ITEMS–2&3. NOTE–9 ADDED.
–Sd.– 04–05–2016
SSE/D SME/BD

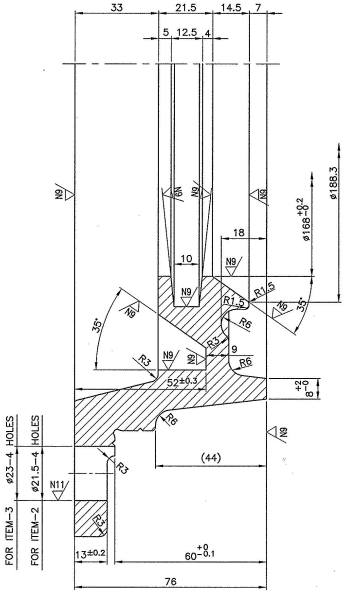
ⓖ 05/2016
IN SEC–EE, TOLERANCE ON DIMENSION ø245,ø264, ø250 & ø268 ALTD FROM ±2, ±2, ±2 & ±2 TO +0/–2,+2/–0,+0/–2 & +0/–2 RESPECTIVELY AND DIM. ø248±2 ALTD TO ø248.5+0/–2. IN SEC–AA, TOLERANCE +1/–0 ADDED ON DIM.16,13,48,22.19,36, 13&9 AND ±1 ON DIM 83. IN SEC–AA, DIM 6 & 25 DELETED. IN SEC–BB DIM 8.8 (MINIMUM) CORRECTED TO 8.$^{+0}_{-6}$ & TOL.±2 ON DIM 9 AND DIM 3 DELETED. & DIM ø188.3 ADDED. IN SEC–DD, DIM. ø266.5 DELETED & NOTE–9 REVISED.
SSE/D SME/BD



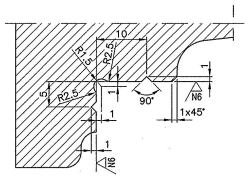
COVER AS MACHINED



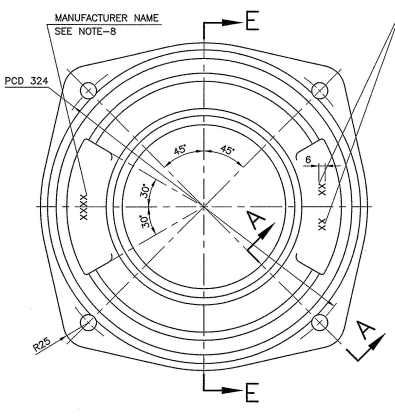
SECTION–DD



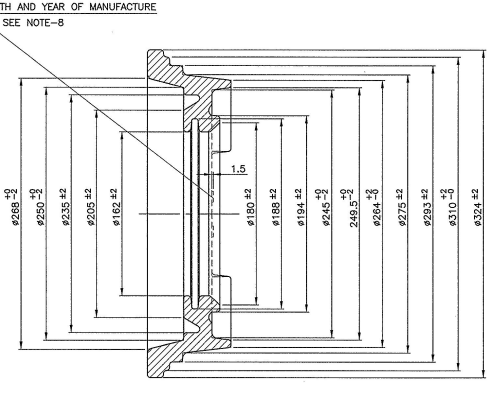
SECTION–BB
(SCALE 1:1)



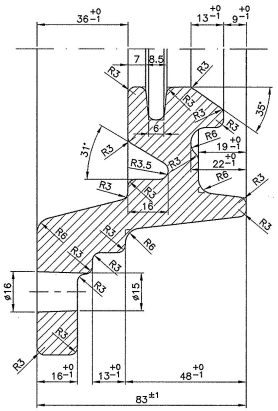
DETAIL AT–C
(SCALE 2:1)



COVER AS CAST



SECTION–EE



SECTION–AA
(SCALE 1:1)

NOTE:

1. FELT GROOVE "AS CAST OR ROUGH MACHINED" AT THE AS CAST STAGE OF THE COMPONENT IS ACCEPTABLE.
2.
3.
4. CASTING SHALL BE FREE FROM POROSITY AND BLOW HOLES.
5. MACHINED COVERS SHALL BE PROPERLY CLEANED FREE FROM BURRS WITH SMOOTH SURFACE.
6. ITEMS–2 & 3 SHALL BE MADE OF GRAVITY DIE CASTING.
7. DEVIATIONS ON UNTOLERANCED MACHINED DIMENSIONS SHALL BE TO IS:2102 (PART–1), MEDIUM CLASS.
8. FOLLOWING IDENTIFICATION DETAILS SHALL BE SUITABLY EMBOSSED BY CASTING IN 6mm HEIGHT LETTERS WITH 1.5mm PROJECTION.
   XXXX – MANUFACTURER NAME
   XX XX – MONTH AND YEAR OF MANUFACTURE (LAST TWO DIGITS ONLY)
9. WEIGHT SPECIFIED IN THE DRG IS DERIVED FROM MINIMUM MATERIAL CONDITIONS OF THE FINISHED COMPONENT. IT IS **FOR INDICATIVE PURPOSE ONLY** AND SHOULD NOT BE CONSIDERED AS INSPECTION CRITERIA.

ALL AC & NON AC BOGIES, EMU & DC/EMU

% MG/EMU/M, MG/EMU/M2.

8	–	1	REAR COVER	3		IS:617 4600 M	3.788 kg	SEE NOTE–6,9
–	8	1	REAR COVER	2		IS:617 4600 M	3.795 kg	SEE NOTE–6,9
				1				
QTY			DESCRIPTION & DIMENSION	ITEM	REF.DRGS	MAT.SPEC	WEIGHT/UNIT	REMARKS
3	2	1	GROUP: 0–2				SUPERSEDED BY:	
							SUPERSEDES: T–0–2–603 Alt–F/14	

PER COACH | PER COACH | PER COACH

REAR COVER
FOR AXLE BOX

SCALE	2:1 1:1 1:2.5
SSE/D	M.Sabapathee
CHD	N.Chandrasekaran
ALTD	M.Chandrasekaran
DRN	N.Subhash

Alpha Alt:– G

INTEGRAL COACH FACTORY CHENNAI–38

MRB/DMC–0–2–001
WTAC–0–2–304
MG/EMU/M–0–2–001
ASSEMBLY DRAWINGS

14	Num. Alt.	17–05–2016 DATE OF LATEST ALT	26–03–1998 DATE OF FIRST ISSUE	AME/SME

% #

DATA CODE NO. 000

INDIAN RAILWAY STANDARDS

SHEET 1 OF 1

T–0–2–603

FORM:–IR.A1–840X600