

---

# British Railways Board

Mechanical & Electrical Engineering Department

---

## VEHICLE DIAGRAM BOOK No 100

FOR

34-84

## Main Line Diesel Locomotives

### © COPYRIGHT NOTICE

This PDF file has been created from the original book with permission of BRB Residuary Ltd who, retain copyright in the original document.

This PDF version is © David Faulkner, 2009.

Individuals may: use, retain and print out this PDF version for their private information or for that of their non-commercial enthusiast society or railway club.

This document and any copies produced from it in any form may not be sold or lent for any payment in any form other than to cover copying or transmission costs. No reproduction permitted in any other form or circumstance without prior permission from the original copyright holder



MAIN LINE DIESEL LOCOMOTIVE DIAGRAM BOOK  
VEHICLE DIAGRAM BOOK NO. 100.

Revision Letter No. 16.

LOCATION	ACTION	REASON FOR CHANGE
Preface Page	Endorse Revision Record Accordingly	
New diagrams		
Following Diagram 26-1aV <del>1aV</del>	Insert new Diagram 26-1cX	as 26-1aV but dual braked
Following Diagram 26-1cX2	Insert new Diagram 26-1dX	as 26-1aV with boiler removed and as 26-1bV but dual braked.
Following Diagram 27-bV	Insert new Diagram 27-dX	as 27-bX with push pull equipment removed and as 27-2aX with push pull equipment and ETH equipment removed.
Following Diagram 27-dX	Insert new Diagram 27-eX	as 27-1aX with push pull equipment removed.
Following Diagram 27-eX	Insert new Diagram 27-fX	as 27bV but dual braked
Replacement Diagrams		
47- a/X	Replace with Issue dated Oct 84.	Fuel Capacity corrected to 720 gal.
47-b/X	"	"
47-d/X	"	"
47-e/X	"	"
47-g/X	"	"
47-h/X	"	"
47-L/X	"	"
47-m/X	"	"
47-3a/X	"	"
47-4a/X	"	"
47-4b/X	"	"
47-4c/X	"	"
47-4d/X	"	"
47-4e/X	"	"

2308/16831/1

47-4f/X

Replace with Issue  
dated Oct 84.

Fuel Capacity corrected  
to 720 gal.

47-4g/X

"

"

47-4h/X

"

"

47-4j/X

"

"

47-4k/X

"

"

47-4l/X

"

"

New Diagrams

58-a/X

New Diagram

When this Revision letter has been actioned, it is to be stored at the back of the publication for easy future reference.

35

MAIN LINE DIESEL LOCOMOTIVES

BR PUBLICATION NO. MT/25 (APRIL 1974)

AMENDMENT NO. 12

INDEX SHEET NOS A1 TO A6

RE-NUMBERING OF LOCOMOTIVES SHEET NOS 1 TO 27

With effect from 2 January 1978 the above sheets will not be kept up to date. Users of this publication are advised to consult the Directory of Rail Vehicle Types and subsequent amendments to the Live Locomotive fleet, issued every four weeks by the Rolling Stock Library.

DATE: December 1977

REF: DSP/171-125-2(GAY)

TEL: 056-2674

Issued by:

CM & EE, BRB  
Railway Technical Centre  
Derby.



## PREFACE

A complete list of Vehicle Diagram Books is shown below, together with new or revised book reference numbers & the colours of the respective book covers. The existing Locomotive Diagram books, which were previously shown with MT/ reference numbers, have now received new covers in accordance with this revised numbering system.

### REVISED VEHICLE DIAGRAM BOOK NUMBERS

Vehicle Type	Diagram Book No	Colour of Cover	Vehicle Type	Diagram Book No	Colour of Cover
<u>Locomotives:- Diagram Book Series 100</u>			<u>Freight Vehicles:- Diagram Book Series 300</u>		
Diesel Electric	100		Privately Owned Freight Vehicles	300	White
Main Line Locos (Previously No MT/25)		Red	Privately Owned International Ferry Vehicle	310	White
Electric	110		BR, Revenue Freight Vehicle	320	Buff
Main Line Locos (Previously No MT/26)		Green	BR International Ferry Vehicles	330	Buff
Diesel Shunting Locos (Previously No MT/27)	120	Yellow	Foreign Administration Freight Vehicles	340	White
<u>Coaching &amp; Multiple Unit Stock:- Diagram Book Series 200</u>			BR Service Department Vehicles	350	Buff
Loco Hauled Coaches	200	Orange			
Electric Multiple Units	210	Blue			
Diesel Multiple Units (Railcar)	220	Pink			
Diesel Electric Multiple Units (HST)	230	Pink			

DECEMBER 1981

Issued by:-

Director of Mechanical & Electrical Engineering  
Railway Technical Centre  
DERBY

## REVISION RECORD

[illegible][illegible][illegible]

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 20		CLASS NO. 20		CLASS NO. 20		CLASS NO. 20	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
8000	20 050	8026	20 026	8052	20 052	8078	20 078
8001	20 001	8027	20 027	8053	20 053		
8002	20 002	8028	20 028	8054	20 054	8080	20 080
8003	20 003	8029	20 029	8055	20 055	8081	20 081
8004	20 004	8030	20 030	8056	20 056	8082	20 082
8005	20 005	8031	20 031	8057	20 057	8083	20 083
8006	20 006	8032	20 032	8058	20 058	8084	20 084
8007	20 007	8033	20 033	8059	20 059	8085	20 085
8008	20 008	8034	20 034	8060	20 060	8086	20 086
8009	20 009	8035	20 035	8061	20 061	8087	20 087
8010	20 010	8036	20 036			8088	20 088
8011	20 011	8037	20 037	8063	20 063	8089	20 089
				8064	20 064	8090	20 090
8013	20 013	8039	20 039	8065	20 065	8091	20 091
		8040	20 040	8066	20 066	8092	20 092
8015	20 015	8041	20 041	8067	20 067	8093	20 093
8016	20 016	8042	20 042	8068	20 068	8094	20 094
8017	20 017	8043	20 043	8069	20 069	8095	20 095
		8044	20 044	8070	20 070	8096	20 096
8019	20 019	8045	20 045	8071	20 071	8097	20 097
8020	20 020	8046	20 046	8072	20 072	8098	20 098
8021	20 021	8047	20 047	8073	20 073	8099	20 099
8022	20 022	8048	20 048			8100	20 100
8023	20 023	8049	20 049	8075	20 075	8101	20 101
		8050	20 128	8076	20 076	8102	20 102
8025	20 025	8051	20 051	8077	20 077	8103	20 103

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 20		CLASS NO. 20		CLASS NO. 20		CLASS NO. 20	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
8104	20 104	8130	20 130	8156	20 156	8182	20 182
8105	20 105	8131	20 131	8157	20 157	8183	20 183
8106	20 106	8132	20 132	8158	20 158	8184	20 184
8107	20 107	8133	20 133	8159	20 159	8185	20 185
8108	20 108	8134	20 134	8160	20 160	8186	20 186
8109	20 109	8135	20 135	8161	20 161	8187	20 187
8110	20 110	8136	20 136	8162	20 162	8188	20 188
8111	20 111	8137	20 137	8163	20 163	8189	20 189
8112	20 112	8138	20 138	8164	20 164	8190	20 190
8113	20 113	8139	20 139	8165	20 165	8191	20 191
8114	20 114	8140	20 140	8166	20 166	8192	20 192
8115	20 115	8141	20 141	8167	20 167	8193	20 193
8116	20 116	8142	20 142	8168	20 168	8194	20 194
8117	20 117	8143	20 143	8169	20 169	8195	20 195
8118	20 118	8144	20 144	8170	20 170	8196	20 196
8119	20 119	8145	20 145	8171	20 171	8197	20 197
8120	20 120	8146	20 146	8172	20 172	8198	20 198
8121	20 121	8147	20 147	8173	20 173	8199	20 199
8122	20 122	8148	20 148	8174	20 174		
8123	20 123	8149	20 149	8175	20 175	8300	20 200
8124	20 124	8150	20 150	8176	20 176	8301	20 201
8125	20 125	8151	20 151	8177	20 177	8302	20 202
8126	20 126	8152	20 152	8178	20 178	8303	20 203
8127	20 127	8153	20 153	8179	20 179	8304	20 204
8128	20 228	8154	20 154	8180	20 180	8305	20 205
8129	20 129	8155	20 155	8181	20 181	8306	20 206

# RE-NUMBERING OF LOCOMOTIVES

September 1977  
Issue 5 3.

CLASS NO. 20		CLASS NO. 24/0		CLASS NO. 24/0		CLASS NO. 24/1	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
8307	20 207						
8308	20 208						
8309	20 209						
8310	20 210						
8311	20 211						
8312	20 212						
8313	20 213					5057	24 057
8314	20 214			5035	24 035		
8315	20 215			5036	24 036		
8316	20 216						
8317	20 217						
8318	20 218						
8319	20 219					5063	24 063
8320	20 220						
8321	20 221						
8322	20 222						
8323	20 223						
8324	20 224						
8325	20 225			5047	24 047		
8326	20 226						
8327	20 227						
		5023	24 023				

September 1977  
Issue 5

# RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 24/1		CLASS NO. 24/1		CLASS NO. 24/1		CLASS NO. 25/0	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
						5151	25 001
						5152	25 002
5081	24 081						
5082	24 082						
						5155	25 005
						5156	25 006
						5157	25 007
5087	24 087					5158	25 008
						5159	25 009
						5160	25 010
5091	24 091					5161	25 011
						5163	25 013
						5164	25 014
						5169	25 019
						5171	25 021
						5173	25 023
		5133	24 133				

# RE-NUMBERING OF LOCOMOTIVES

OCTOBER 1976  
Issue 3

5.

CLASS NO. 25/1		CLASS NO. 25/1		CLASS NO. 25/1		CLASS NO. 25/2	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
5176	25 026	5200	25 050	5224	25 074	5246	25 096
5177	25 027	5201	25 051	5225	25 075	5247	25 097
5178	25 028	5202	25 052	5226	25 076	5248	25 098
5179	25 029	5203	25 053	5227	25 077	5249	25 099
		5204	25 054	5228	25 078	5250	25 100
5181	25 031	5205	25 055	5229	25 079	5251	25 101
5182	25 032	5206	25 056	5230	25 080	5252	25 102
5183	25 033	5207	25 057	5231	25 081	5253	25 103
5184	25 034	5208	25 058	5232	25 082	5254	25 104
5185	25 035	5209	25 059			5255	25 105
5186	25 036	5210	25 060	CLASS NO. 25/2		5256	25 106
5187	25 037	5211	25 061	5233	25 083	5257	25 107
5188	25 038	5212	25 062	5234	25 084	5258	25 108
5189	25 039	5213	25 063	5235	25 085	5259	25 109
5190	25 040	5214	25 064	5236	25 086	5260	25 110
5191	25 041	5215	25 065	5237	25 087	5261	25 111
5192	25 042	5216	25 066	5238	25 088	5262	25 112
5193	25 043	5217	25 067	5239	25 089	5263	25 113
5194	25 044	5218	25 068	5240	25 090	5264	25 114
		5219	25 069	5241	25 091	5265	25 115
5196	25 046	5220	25 070	5242	25 092	5266	25 116
5197	25 047	5221	25 071	5243	25 093	5267	25 117
5198	25 048	5222	25 072	5244	25 094	5268	25 118
5199	25 049	5223	25 073	5245	25 095	5269	25 119

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 25/2		CLASS NO. 25/2		CLASS NO. 25/2		CLASS NO. 25/2	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
5270	25 120	5297	25 147	7522	25 172	7548	25 198
5271	25 121	5298	25 148	7523	25 173	7549	25 199
5272	25 122	5299	25 149			7550	25 200
5273	25 123			7525	25 175	7551	25 201
5274	25 124	7500	25 150	7526	25 176	7552	25 202
5275	25 125	7501	25 151	7527	25 177	7553	25 203
5276	25 126	7502	25 152	7528	25 178	7554	25 204
5277	25 127	7503	25 153	7529	25 179	7555	25 205
5279	25 129	7504	25 154	7530	25 180	7556	25 206
5280	25 130	7505	25 155	7531	25 181	7557	25 207
5281	25 131	7506	25 156	7532	25 182	7558	25 208
5282	25 132	7507	25 157	7533	25 183	7559	25 209
5283	25 133	7508	25 158	7534	25 184	7560	25 210
5284	25 134	7509	25 159	7535	25 185	7561	25 211
5285	25 135	7510	25 160	7536	25 186	7562	25 212
5286	25 136	7511	25 161	7537	25 187	7563	25 213
5287	25 137	7512	25 162	7538	25 188	7564	25 214
5288	25 138	7513	25 163	7539	25 189	7565	25 215
5289	25 139	7514	25 164	7540	25 190	7566	25 216
5290	25 140	7515	25 165	7541	25 191	7567	25 217
5291	25 141	7516	25 166	7542	25 192	7568	25 218
5292	25 142	7517	25 167	7543	25 193	7569	25 219
5293	25 143	7518	25 168	7544	25 194	7570	25 220
5294	25 144	7519	25 169	7545	25 195	7571	25 221
5295	25 145	7520	25 170	7546	25 196	7572	25 222
5296	25 146	7521	25 171	7547	25 197	7573	25 223



## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 25/2		CLASS NO. 25/3		CLASS NO. 25/3		CLASS NO. 25/3	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
		7598	25 248	7625	25 275	7651	25 301
7574	25 224	7599	25 249	7626	25 276	7652	25 302
7575	25 225	7600	25 250	7627	25 277	7653	25 303
7576	25 226	7601	25 251	7628	25 278	7654	25 304
7577	25 227	7602	25 252	7629	25 279	7655	25 305
7578	25 228	7603	25 253	7630	25 280	7657	25 307
7579	25 229	7604	25 254	7631	25 281	7658	25 308
7580	25 230	7606	25 256	7632	25 282	7659	25 309
7581	25 231	7607	25 257	7633	25 283	7660	25 310
7582	25 232	7608	25 258	7634	25 284	7661	25 311
7583	25 233	7609	25 259	7635	25 285	7662	25 312
7584	25 234	7610	25 260	7636	25 286	7663	25 313
7585	25 235	7611	25 261	7637	25 287	7664	25 314
7586	25 236	7612	25 262	7638	25 288	7665	25 315
7587	25 237	7613	25 263	7639	25 289	7666	25 316
7588	25 238	7614	25 264	7640	25 290	7667	25 317
7589	25 239	7615	25 265	7641	25 291	7668	25 318
7590	25 240	7616	25 266	7642	25 292	7669	25 319
7591	25 241	7617	25 267	7643	25 293	7670	25 320
7592	25 242	7618	25 268	7644	25 294	7671	25 321
7593	25 243	7619	25 269	7645	25 295	7672	25 322
7594	25 244	7620	25 270	7646	25 296	7673	25 323
7595	25 245	7621	25 271	7647	25 297	7674	25 324
7596	25 246	7622	25 272	7648	25 298	7675	25 325
7597	25 247	7623	25 273	7649	25 299	7676	25 326
		7624	25 274	7650	25 300	7677	25 327

RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 26/0		CLASS NO. 26/1		CLASS NO. 27/0		CLASS NO. 27/0	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
5300	26 007	5324	26 024	5349	27 003	5376	27 029
5301	26 001	5325	26 025	5350	27 004	5377	27 030
5302	26 002	5326	26 026	5351	27 005	5378	27 031
5303	26 003	5327	26 027			5379	27 032
5304	26 004	5329	26 029	5353	27 007	5381	27 033
5305	26 005	5330	26 030	5354	27 008	5382	27 034
5306	26 006	5331	26 031	5355	27 009		
5307	26 020	5332	26 032	5356	27 010	5385	27 036
5308	26 008	5333	26 033	5357	27 011	5389	27 037
		5334	26 034	5358	27 012	5390	27 038
5310	26 010	5335	26 035				
5311	26 011	5336	26 036	5360	27 014	5402	27 040
5312	26 012	5337	26 037				
5313	26 013	5338	26 038	5362	27 016	5406	27 042
5314	26 014	5339	26 039	5363	27 017	5414	27 043
5315	26 015	5340	26 040	5364	27 018	5415	27 044
		5341	26 041	5365	27 019		
		5342	26 042	5366	27 020	CLASS NO. 27/1	
5318	26 018	5343	26 043	5367	27 021	5374	27 101
5319	26 019	5344	26 044	5368	27 022	5380	27 102
		5345	26 045	5369	27 023	5413	27 103
		5346	26 046	5370	27 024	5387	27 104
CLASS NO. 26/1				5371	27 025	5388	27 105
5320	26 028			5372	27 026	5394	27 106
5321	26 021	CLASS NO. 27/0		5373	27 027	5395	27 107
5322	26 022	5347	27 001				
5323	26 023	5348	27 002	5375	27 028	5396	27 108

January 1977  
Issue 4

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 27/1		CLASS NO. 31/0		CLASS NO. 31/1		CLASS NO. 31/1	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
5397	27 109	5506	31 006	5532	31 114	5558	31 140
5399	27 110			5533	31 115	5559	31 141
5400	27 111	5508	31 008	5534	31 116	5560	31 142
5401	27 112			5535	31 117	5561	31 143
				5536	31 118	5562	31 144
				5537	31 119	5563	31 145
CLASS NO. 27/2				5538	31 120	5564	31 146
5391	27 201			5539	31 121	5565	31 147
5392	27 202	5513	31 013	5540	31 122	5566	31 148
5393	27 203			5541	31 123	5567	31 149
5403	27 204	5515	31 015	5542	31 124		
5410	27 205			5543	31 125	5569	31 151
5412	27 206	5517	31 017	5544	31 126	5570	31 152
5404	27 207	5519	31 019	5545	31 127	5571	31 153
5407	27 208			5546	31 128	5572	31 154
5408	27 209	CLASS NO. 31/1		5547	31 129	5573	31 155
5409	27 210	5518	31 101	5548	31 130	5574	31 156
5411	27 211	5520	31 102	5549	31 131	5575	31 157
5386	27 212	5521	31 103	5550	31 132	5576	31 158
		5523	31 105	5551	31 133	5577	31 159
CLASS NO. 31/0		5524	31 106	5552	31 134	5578	31 160
		5525	31 107	5553	31 135	5579	31 161
		5526	31 108	5554	31 136	5580	31 162
5502	31 002	5527	31 109	5555	31 137	5581	31 163
5503	31 003	5528	31 110	5556	31 138	5582	31 164
5504	31 004	5529	31 111	5557	31 139	5583	31 165
5505	31 005	5530	31 112				

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 31/1		CLASS NO. 31/1		CLASS NO. 31/1		CLASS NO. 31/1	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
5584	31 166	5615	31 192	5644	31 219	5673	31 245
5585	31 167	5617	31 193	5645	31 220	5674	31 246
5586	31 168	5618	31 194	5647	31 221	5675	31 247
5587	31 169	5619	31 195	5648	31 222	5676	31 248
5588	31 170	5620	31 196	5649	31 223	5677	31 249
5590	31 171	5621	31 197	5650	31 224	5678	31 250
5591	31 172	5622	31 198	5651	31 225	5679	31 251
5593	31 173	5623	31 199	5652	31 226	5680	31 252
5594	31 174	5624	31 200	5653	31 227	5681	31 253
5595	31 175	5625	31 201	5654	31 228	5682	31 254
5597	31 176	5626	31 202	5655	31 229	5683	31 255
5598	31 177	5627	31 203	5657	31 230	5684	31 256
5599	31 178	5628	31 204	5658	31 231	5685	31 257
5600	31 179	5629	31 205	5659	31 232	5686	31 258
5601	31 180	5630	31 206	5660	31 233	5687	31 259
5602	31 181	5631	31 207	5661	31 234	5688	31 260
5603	31 182	5633	31 209	5662	31 235	5689	31 261
5604	31 183	5634	31 210	5663	31 236	5690	31 262
5607	31 184	5635	31 211	5664	31 237	5693	31 263
5608	31 185	5636	31 212	5665	31 238	5694	31 264
5609	31 186	5637	31 213	5666	31 239	5695	31 265
5610	31 187	5638	31 214	5667	31 240	5696	31 266
5611	31 188	5639	31 215	5668	31 241	5697	31 267
5612	31 189	5641	31 216	5670	31 242	5698	31 268
5613	31 190	5642	31 217	5671	31 243	5699	31 269
5614	31 191	5643	31 218	5672	31 244		

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 31/1		CLASS NO. 31/1		CLASS NO. 31/1		CLASS NO. 31/4	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
5800	31 270	5829	31 296	5857	31 322	5589	31 401
5801	31 271	5830	31 297	5858	31 323	5592	31 402
5802	31 272	5831	31 298	5859	31 324	5596	31 403
5803	31 273	5832	31 299	5860	31 325	5605	31 404
5804	31 274	5833	31 300	5861	31 326	5606	31 405
5805	31 275	5834	31 301	5862	31 327	5616	31 406
5806	31 276	5835	31 302			5640	31 407
5807	31 277	5836	31 303			5646	31 408
5808	31 278	5837	31 304			5656	31 409
5809	31 279	5838	31 305			5669	31 410
5810	31 280	5839	31 306			5691	31 411
5811	31 281	5840	31 307			5692	31 412
5813	31 282	5841	31 308			5812	31 413
5815	31 283	5843	31 309			5814	31 414
5816	31 284	5844	31 310			5824	31 415
5817	31 285	5845	31 311			5842	31 416
5818	31 286	5846	31 312			5856	31 417
5819	31 287	5847	31 313			5522	31 418
5820	31 288	5848	31 314			5697	31 419
5821	31 289	5849	31 315			31 172	31 420
5822	31 290	5850	31 316			31 140	31 421
5823	31 291	5851	31 317			31 310	31 422
5825	31 292	5852	31 318			31 197	31 423
5826	31 293	5853	31 319			31 157	31 424
5827	31 294	5854	31 320				
5828	31 295	5855	31 321				

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 33/0		CLASS NO. 33/0		CLASS NO. 33/0		CLASS NO. 33/1	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
6500	33 001	6544	33 026	6568	33 050	6511	33 101
6501	33 002	6545	33 027	6569	33 051	6513	33 102
6503	33 003	6546	33 028	6570	33 052	6514	33 103
6504	33 004	6547	33 029	6571	33 053	6516	33 104
6505	33 005	6548	33 030	6572	33 054	6517	33 105
6506	33 006	6549	33 031	6573	33 055	6519	33 106
6507	33 007	6550	33 032	6574	33 056	6520	33 107
6508	33 008	6551	33 033	6575	33 057	6521	33 108
6509	33 009	6552	33 034	6577	33 058	6525	33 109
6510	33 010	6553	33 035	6578	33 059	6527	33 110
6512	33 011	6554	33 036	6579	33 060	6528	33 111
6515	33 012	6555	33 037	6581	33 061	6529	33 112
6518	33 013	6556	33 038	6582	33 062	6531	33 113
6522	33 014	6557	33 039	6583	33 063	6532	33 114
6523	33 015	6558	33 040	6584	33 064	6533	33 115
6524	33 016			6585	33 065	6535	33 116
6526	33 017	6560	33 042			6536	33 117
6530	33 018	6561	33 043			6538	33 118
6534	33 019	6562	33 044			6580	33 119
6539	33 021	6563	33 045				
6540	33 022	6564	33 046				
6541	33 023	6565	33 047				
6542	33 024	6566	33 048				
6543	33 025	6567	33 049				

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 33/2		CLASS NO. 37		CLASS NO. 37		CLASS NO. 37	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
6586	33 201	6700	37 119	6724	37 024	6748	37 048
6587	33 202	6701	37 001	6725	37 025	6749	37 049
6588	33 203	6702	37 002	6726	37 026	6750	37 050
6589	33 204	6703	37 003	6727	37 027	6751	37 051
6590	33 205	6704	37 004	6728	37 028	6752	37 052
6591	33 206	6705	37 005	6729	37 029	6753	37 053
6592	33 207	6706	37 006	6730	37 030	6754	37 054
6593	33 208	6707	37 007	6731	37 031	6755	37 055
6594	33 209	6708	37 008	6732	37 032	6756	37 056
6595	33 210	6709	37 009	6733	37 033	6757	37 057
6596	33 211	6710	37 010	6734	37 034	6758	37 058
6597	33 212	6711	37 011	6735	37 035	6759	37 059
		6712	37 012	6736	37 036	6760	37 060
		6713	37 013	6737	37 037	6761	37 061
		6714	37 014	6738	37 038	6762	37 062
		6715	37 015	6739	37 039	6763	37 063
		6716	37 016	6740	37 040	6764	37 064
		6717	37 017	6741	37 041	6765	37 065
		6718	37 018	6742	37 042	6766	37 066
		6719	37 019	6743	37 043	6767	37 067
		6720	37 020	6744	37 044	6768	37 068
		6721	37 021	6745	37 045	6769	37 069
		6722	37 022	6746	37 046	6770	37 070
		6723	37 023	6747	37 047	6771	37 071

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 37		CLASS NO. 37		CLASS NO. 37		CLASS NO. 37	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
6772	37 072	6798	37 098	6824	37 124	6850	37 150
6773	37 073	6799	37 099	6825	37 125	6851	37 151
6774	37 074	6800	37 100	6826	37 126	6852	37 152
6775	37 075	6801	37 101	6827	37 127	6853	37 153
6776	37 076	6802	37 102	6828	37 128	6854	37 154
6777	37 077	6803	37 103	6829	37 129	6855	37 155
6778	37 078	6804	37 104	6830	37 130	6856	37 156
6779	37 079	6805	37 105	6831	37 131	6857	37 157
6780	37 080	6806	37 106	6832	37 132	6858	37 158
6781	37 081	6807	37 107	6833	37 133	6859	37 159
6782	37 082	6808	37 108	6834	37 134	6860	37 160
6783	37 083	6809	37 109	6835	37 135	6861	37 161
6784	37 084	6810	37 110	6836	37 136	6862	37 162
6785	37 085	6811	37 111	6837	37 137	6863	37 163
6786	37 086	6812	37 112	6838	37 138	6864	37 164
6787	37 087	6813	37 113	6839	37 139	6865	37 165
6788	37 088	6814	37 114	6840	37 140	6866	37 166
6789	37 089	6815	37 115	6841	37 141	6867	37 167
6790	37 090	6816	37 116	6842	37 142	6868	37 168
6791	37 091	6817	37 117	6843	37 143	6869	37 169
6792	37 092	6818	37 118	6844	37 144	6870	37 170
6793	37 093	6819	37 283	6845	37 145	6871	37 171
6794	37 094	6820	37 120	6846	37 146	6872	37 172
6795	37 095	6821	37 121	6847	37 147	6873	37 173
6796	37 096	6822	37 122	6848	37 148	6874	37 174
6797	37 097	6823	37 123	6849	37 149	6875	37 175



## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 37		CLASS NO. 37		CLASS NO. 37		CLASS NO. 37	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
6876	37 176	6902	37 202	6928	37 228	6954	37 254
6877	37 177	6903	37 203	6929	37 229	6955	37 255
6878	37 178	6904	37 204	6930	37 230	6956	37 256
6879	37 179	6905	37 205	6931	37 231	6957	37 257
6880	37 180	6906	37 206	6932	37 232	6958	37 258
6881	37 181	6907	37 207	6933	37 233	6959	37 259
6882	37 182	6908	37 208	6934	37 234	6960	37 260
6883	37 183	6909	37 209	6935	37 235	6961	37 261
6884	37 184	6910	37 210	6936	37 236	6962	37 262
6885	37 185	6911	37 211	6937	37 237	6963	37 263
6886	37 186	6912	37 212	6938	37 238	6964	37 264
6887	37 187	6913	37 213	6939	37 239	6965	37 265
6888	37 188	6914	37 214	6940	37 240	6966	37 266
6889	37 189	6915	37 215	6941	37 241	6967	37 267
6890	37 190	6916	37 216	6942	37 242	6968	37 268
6891	37 191	6917	37 217	6943	27 243	6969	37 269
6892	37 192	6918	37 218	6944	37 244	6970	37 270
6893	37 193	6919	37 219	6945	37 245	6971	37 271
6894	37 194	6920	37 220	6946	37 246	6972	37 272
6895	37 195	6921	37 221	6947	27 247	6973	37 273
6896	37 196	6922	37 222	6948	37 248	6974	37 274
6897	37 197	6923	37 223	6949	37 249	6975	37 275
6898	37 198	6924	37 224	6950	37 250	6976	37 276
6899	37 199	6925	37 225	6951	37 251	6977	37 277
6900	37 200	6926	37 226	6952	37 252	6978	37 278
6901	37 201	6927	37 227	6953	37 253	6979	37 279

RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 37		CLASS NO. 37		CLASS NO. 40		CLASS NO. 40	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
6980	37 280	6605	37 305	219	40 019	244	40 044
6981	37 281	6606	37 306	220	40 020		
6982	37 282	6607	37 307			246	40 046
6984	37 284	6608	37 308	222	40 022	247	40 047
6985	37 285			223	40 023	248	40 048
6986	37 286	CLASS NO. 40		224	40 024	249	40 049
6987	37 287	200	40 122	225	40 025	250	40 050
6988	37 288	201	40 001	226	40 026	251	40 051
6989	37 289	202	40 002	227	40 027	252	40 052
6990	37 290	203	40 003	228	40 028		
6991	37 291	204	40 004	229	40 029	254	40 054
6992	37 292			230	40 030	255	40 055
6993	37 293	206	40 006	231	40 031	256	40 056
6994	37 294	207	40 007	232	40 032	257	40 057
6995	37 295	208	40 008	233	40 033	258	40 058
6996	37 296	209	40 009	234	40 034		
6997	37 297	210	40 010	235	40 035	260	40 060
6998	37 298	211	40 011	236	40 036	261	40 061
6999	37 299	212	40 012	237	40 037	262	40 062
		213	40 013	238	40 038	263	40 063
6600	37 300	214	40 014			264	40 064
6601	37 301	215	40 015	240	40 040	265	40 065
6602	37 302	216	40 016			266	40 066
6603	37 303	217	40 017	242	40 042	267	40 067
6604	37 304	218	40 018			268	40 068

RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 40		CLASS NO. 40		CLASS NO. 40		CLASS NO. 40	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
269	40 069	292	40 092	315	40 115	339	40 139
270	40 070	293	40 093	316	40 116	340	40 140
271	40 071	294	40 094	317	40 117	341	40 141
		295	40 095	318	40 118	342	40 142
273	40 073	296	40 096	319	40 119	343	40 143
274	40 074	297	40 097	320	40 120	344	40 144
275	40 075	298	40 098	321	40 121	345	40 145
276	40 076	299	40 099	323	40 123	346	40 146
277	40 077	300	40 100	324	40 124	347	40 147
278	40 078	301	40 101	325	40 125	348	40 148
279	40 079			326	40 126	349	40 149
280	40 080	303	40 103	327	40 127	350	40 150
281	40 081	304	40 104	328	40 128	351	40 151
282	40 082	305	40 105	329	40 129	352	40 152
283	40 083	306	40 106	330	40 130	353	40 153
284	40 084	307	40 107	331	40 131	354	40 154
285	40 085	308	40 108	332	40 132	355	40 155
286	40 086	309	40 109	333	40 133	356	40 156
287	40 087	310	40 110	334	40 134	357	40 157
288	40 088	311	40 111	335	40 135	358	40 158
		312	40 112	336	40 136	359	40 159
290	40 090	313	40 113	337	40 137	360	40 160
291	40 091	314	40 114	338	40 138	361	40 161
						362	40 162

## RE-NUMBERING OF LOCOMOTIVES

## CLASS NO. 40

## CLASS NO. 40

OLD NO.	NEW NO.	OLD NO.	NEW NO.
363	40 163	387	40 187
364	40 164	388	40 188
365	40 165		
366	40 166		
367	40 167	391	40 191
368	40 168	392	40 192
369	40 169	393	40 193
370	40 170	394	40 194
371	40 171	395	40 195
372	40 172	396	40 196
373	40 173	397	40 197
374	40 174	398	40 198
375	40 175	399	40 199
376	40 176		
377	40 177		
378	40 178		
379	40 179	2	44 002
380	40 180		
381	40 181	4	44 004
382	40 182	5	44 005
383	40 183		
384	40 184	7	44 007
385	40 185	8	44 008
386	40 186	9	44 009

## CLASS NO. 44

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO 45/0		CLASS NO 45/0		CLASS NO 45/0		CLASS NO 45/0	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
13	45 001	54	45 023	69	45 047	127	45 072
29	45 002	17	45 024	70	45 048	129	45 073
133	45 003	19	45 025	71	45 049	131	45 074
77	45 004	21	45 026	72	45 050	132	45 075
79	45 005	24	45 027	74	45 051	134	45 076
89	45 006	27	45 028	75	45 052	136	45 077
119	45 007	30	45 029	76	45 053		
90	45 008	31	45 030	45 150	45 054		
37	45 009	36	45 031	84	45 055		
112	45 010	38	45 032	91	45 056		
12	45 011	39	45 033	93	45 057		
108	45 012	42	45 034	97	45 058		
20	45 013	44	45 035	98	45 059		
137	45 014	45	45 036	100	45 060		
14	45 015	46	45 037	101	45 061		
16	45 016	48	45 038	103	45 062		
23	45 017	49	45 039	104	45 063		
15	45 018	50	45 040	105	45 064		
33	45 019	53	45 041	110	45 065		
26	45 020	57	45 042	114	45 066		
25	45 021	58	45 043	115	45 067		
60	45 022	63	45 044	118	45 068		
		64	45 045	121	45 069		
		68	45 046	122	45 070		
				125	45 071		

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO 45/1

CLASS NO 45/1

CLASS 45/1

OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
96	45 101	123	45 125	45 054	45 150
51	45 102	32	45 126		
116	45 103	87	45 127		
59	45 104	113	45 128		
86	45 105	111	45 129		
106	45 106	117	45 130		
43	45 107	124	45 131		
120	45 108	22	45 132		
85	45 109	40	45 133		
73	45 110	126	45 134		
65	45 111	99	45 135		
61	45 112	88	45 136		
80	45 113	56	45 137		
94	45 114	92	45 138		
81	45 115	109	45 139		
47	45 116	102	45 140		
35	45 117	82	45 141		
67	45 118	83	45 142		
34	45 119	62	45 143		
107	45 120	55	45 144		
18	45 121	128	45 145		
11	45 122	66	45 146		
52	45 123	41	45 147		
28	45 124	130	45 148		
		135	45 149		

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 46		CLASS NO. 46		CLASS NO. 46		CLASS NO. 47/0	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
138	46 001	164	46 027	190	46 053	1591	47 024
139	46 002	165	46 028	191	46 054	1597	47 026
140	46 003	166	46 029	192	46 055	1599	47 027
141	46 004	167	46 030	193	46 056	1605	47 028
142	46 005	168	46 031			1606	47 029
143	46 006	169	46 032	CLASS NO. 47/0		1609	47 030
144	46 007	170	46 033	1521	47 001	1610	47 031
145	46 008	171	46 034	1522	47 002	1611	47 032
146	46 009	172	46 035	1523	47 003	1613	47 033
147	46 010	173	46 036	1524	47 004	1614	47 034
148	46 011	174	46 037	1526	47 005	1615	47 035
149	46 012	175	46 038	1528	47 006	1617	47 036
150	46 013	176	46 039	1529	47 007	1618	47 037
151	46 014	177	46 040	1530	47 008	1619	47 038
152	46 015	178	46 041	1532	47 009	1620	47 039
153	46 016	179	46 042	1537	47 010	1621	47 040
154	46 017	180	46 043	1538	47 011	1622	47 041
155	46 018	181	46 044	1539	47 012	1623	47 042
156	46 019	182	46 045	1540	47 013	1624	47 043
157	46 020	183	46 046	1543	47 014	1625	47 044
158	46 021	184	46 047	1544	47 015	1626	47 045
159	46 022	185	46 048	1546	47 016	1628	47 046
160	46 023	186	46 049	1570	47 017	1629	47 047
161	46 024	187	46 050	1572	47 018	1630	47 048
162	46 025	188	46 051	1573	47 019	1631	47 049
163	46 026	189	46 052	1583	47 020	1632	47 050

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 47/0

CLASS NO. 47/0

CLASS NO. 47/0

CLASS NO. 47/0

OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
1633	47 051	1670	47 085	1701	47 113	1737	47 144
1634	47 052	1672	47 086	1702	47 114	1738	47 145
1635	47 053	1673	47 087	1703	47 115	1739	47 146
1638	47 054	1674	47 088	1704	47 116	1740	47 147
1639	47 055	1675	47 089	1705	47 117	1741	47 148
1640	47 056	1676	47 090	1706	47 118	1742	47 149
1643	47 059	1677	47 091	1708	47 119	1743	47 150
1644	47 060	1679	47 093	1709	47 120	1744	47 151
1645	47 061	1680	47 094	1710	47 121	1745	47 152
1647	47 063	1681	47 095	1711	47 122	1748	47 155
1648	47 064	1682	47 096	1712	47 123	1749	47 156
1650	47 066	1684	47 097	1714	47 124	1750	47 157
1652	47 068	1685	47 098	1717	47 126	1751	47 158
1653	47 069	1686	47 099	1719	47 128	1752	47 159
1654	47 070	1687	47 100	1720	47 129	1754	47 160
1656	47 072	1688	47 101	1721	47 130	1756	47 162
1658	47 074	1690	47 102	1722	47 131	1757	47 163
1659	47 075	1691	47 103	1726	47 134	1758	47 164
1660	47 076	1692	47 104	1727	47 135	1759	47 165
1661	47 077	1693	47 105	1728	47 136	1761	47 166
1663	47 078	1694	47 106	1729	47 137	1762	47 167
1664	47 079	1695	47 107	1730	47 138	1763	47 168
1665	47 080	1696	47 108	1732	47 140	1764	47 169
1666	47 081	1697	47 109	1733	47 141	1765	47 170
1667	47 082	1698	47 110	1735	47 142	1766	47 171
1668	47 083	1699	47 111	1736	47 143	1767	47 172
		1700	47 112				



## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 47/0		CLASS NO. 47/0		CLASS NO. 47/0		CLASS NO. 47/0	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
1768	47 173	1849	47 199	1901	47 225	1928	47 251
1769	47 174	1850	47 200	1902	47 226	1929	47 252
1770	47 175	1851	47 201	1903	47 227	1931	47 254
1771	47 176	1852	47 202	1904	47 228	1933	47 255
1772	47 177	1853	47 203	1905	47 229	1934	47 256
1773	47 178	1854	47 204	1906	47 230	1935	47 257
1774	47 179	1855	47 205	1907	47 231	1938	47 258
1775	47 180	1856	47 206	1909	47 232	1962	47 262
1776	47 181	1857	47 207	1910	47 233	1963	47 263
1777	47 182	1858	47 208	1911	47 234	1964	47 264
1778	47 183	1859	47 209	1912	47 235	1965	47 265
1779	47 184	1860	47 210	1913	47 236	1966	47 266
1780	47 185	1861	47 211	1914	47 237	1967	47 267
1781	47 186	1862	47 212	1915	47 238	1969	47 268
1837	47 187	1863	47 213	1916	47 239	1970	47 269
1838	47 188	1864	47 214	1917	47 240	1971	47 270
1839	47 189	1865	47 215	1918	47 241	1972	47 271
1840	47 190	1866	47 216	1919	47 242	1973	47 272
1841	47 191	1867	47 217	1920	47 243	1974	47 273
1842	47 192	1868	47 218	1921	47 244	1976	47 274
1843	47 193	1869	47 219	1922	47 245	1977	47 275
1844	47 194	1870	47 220	1923	47 246	1978	47 276
1845	47 195	1871	47 221	1924	47 247	1979	47 277
1846	47 196	1872	47 222	1925	47 248	1980	47 278
1847	47 197	1873	47 223	1926	47 249	1981	47 279
1848	47 198	1874	47 224	1927	47 250	1982	47 280

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 47/0		CLASS NO. 47/3		CLASS NO. 47/3		CLASS NO. 47/3	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
1983	47 281	1782	47 301	1807	47 326	1833	47 352
1984	47 282	1783	47 302	1808	47 327	1834	47 353
1985	47 283	1784	47 303	1809	47 328	1835	47 354
1986	47 284	1785	47 304	1810	47 329	1836	47 355
1987	47 285	1786	47 305	1811	47 330	1875	47 356
1988	47 286	1787	47 306	1812	47 331	1876	47 357
1989	47 287	1788	47 307	1813	47 332	1877	47 358
1990	47 288	1789	47 308	1814	47 333	1878	47 359
1991	47 289	1790	47 309	1815	47 334	1879	47 360
1992	47 290	1791	47 310	1816	47 335	1880	47 361
1993	47 291	1792	47 311	1817	47 336	1881	47 362
1994	47 292	1793	47 312	1818	47 337	1882	47 363
1995	47 293	1794	47 313	1819	47 338	1883	47 364
1996	47 294	1795	47 314	1820	47 339	1884	47 365
1997	47 295	1796	47 315	1821	47 340	1885	47 366
1998	47 296	1797	47 316	1822	47 341	1886	47 367
1999	47 297	1798	47 317	1823	47 342	1887	47 368
1100	47 298	1799	47 318	1824	47 343	1888	47 369
		1800	47 319	1825	47 344	1889	47 370
		1801	47 320	1826	47 345	1890	47 371
		1802	47 321	1827	47 346	1891	47 372
		1803	47 322	1828	47 347	1892	47 373
		1804	47 323	1829	47 348	1893	47 374
		1805	47 324	1830	47 349	1894	47 375
		1806	47 325	1831	47 350	1895	47 376
				1832	47 351	1896	47 377

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 47/3		CLASS NO. 47/4		CLASS NO. 47/4		CLASS NO. 47/4	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO./	NEW NO.
1897	47 378	1500	47 401	1533	47 425	1567	47 450
1898	47 379	1501	47 402	1534	47 426	1568	47 451
1899	47 380	1502	47 403	1535	47 427	1569	47 452
1900	47 381	1503	47 404	1536	47 428	1571	47 453
		1504	47 405	1541	47 429	1574	47 454
		1505	47 406	1542	47 430	1575	47 455
		1506	47 407	1545	47 431	1576	47 456
		1507	47 408	1547	47 432	1577	47 457
		1508	47 409	1548	47 433	1578	47 458
		1509	47 410	1549	47 434	1579	47 459
		1510	47 411	1550	47 435	1580	47 460
		1511	47 412	1552	47 436	1581	47 461
		1512	47 413	1553	47 437	1582	47 462
		1513	47 414	1554	47 438	1586	47 463
		1514	47 415	1555	47 439	1587	47 464
		1515	47 416	1556	47 440	1589	47 465
		1516	47 417	1557	47 441	1590	47 466
		1517	47 418	1558	47 442	1593	47 467
		1518	47 419	1559	47 443	1594	47 468
		1519	47 420	1560	47 444	1595	47 469
		1520	47 421	1561	47 445	1596	47 470
		1525	47 422	1563	47 446	1598	47 471
		1527	47 423	1564	47 447	1600	47 472
		1531	47 424	1565	47 448	1601	47 473
				1566	47 449	1602	47 474
						1603	47 475

May 1975  
Issue 3

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 47/4		CLASS NO. 47/4		CLASS NO. 47/4		CLASS NO. 47/4	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO.	NEW NO.
1604	47 476	1944	47 501	1110	47 527	1746	47 551
1607	47 477	1945	47 502	1111	47 528	1950	47 552
1608	47 478	1946	47 503	1551	47 529	1956	47 553
1612	47 479	1947	47 504	1930	47 530	1957	47 554
1616	47 480	1948	47 505	1584	47 531	47 126	47 555
1627	47 481	1949	47 506	1641	47 532	47 548	47 125
1636	47 482	1951	47 507	1651	47 533	CLASS No. 47/6	
1637	47 483	1952	47 508	1678	47 534	47 046	47 601
1662	47 484	1953	47 509	1649	47 535		
1683	47 485	1954	47 510	1655	47 536		
1689	47 486	1955	47 511	1657	47 537		
1707	47 487	1958	47 512	1669	47 538		
1713	47 488	1959	47 513	1718	47 539		
1716	47 489	1960	47 514	1723	47 540		
1725	47 490	1961	47 515	1755	47 541		
1753	47 491	1968	47 516	1585	47 542		
1760	47 492	1975	47 517	1588	47 543		
1932	47 493	1101	47 518	1592	47 544		
1936	47 494	1102	47 519	1646	47 545		
1937	47 495	1103	47 520	1747	47 546		
1939	47 496	1104	47 521	1642	47 547		
1940	47 497	1105	47 522				
1941	47 498	1106	47 523	1724	47 549		
1942	47 499	1107	47 524	1731	47 550		
1943	47 500	1108	47 525				
		1109	47 526				

## RE-NUMBERING OF LOCOMOTIVES

CLASS NO. 50		CLASS NO. 50		CLASS NO. 55	
OLD NO.	NEW NO.	OLD NO.	NEW NO.	OLD NO./	NEW NO.
400	50 050	426	50 026	9000	55 022
401	50 001	427	50 027	9001	55 001
402	50 002	428	50 028	9002	55 002
403	50 003	429	50 029	9003	55 003
404	50 004	430	50 030	9004	55 004
405	50 005	431	50 031	9005	55 005
406	50 006	432	50 032	9006	55 006
407	50 007	433	50 033	9007	55 007
408	50 008	434	50 034	9008	55 008
409	50 009	435	50 035	9009	55 009
410	50 010	436	50 036	9010	55 010
411	50 011	437	50 037	9011	55 011
412	50 012	438	50 038	9012	55 012
413	50 013	439	50 039	9013	55 013
414	50 014	440	50 040	9014	55 014
415	50 015	441	50 041	9015	55 015
416	50 016	442	50 042	9016	55 016
417	50 017	443	50 043	9017	55 017
418	50 018	444	50 044	9018	55 018
419	50 019	445	50 045	9019	55 019
420	50 020	446	50 046	9020	55 020
421	50 021	447	50 047	9021	55 021
422	50 022	448	50 048		
423	50 023	449	50 049		
424	50 024				
425	50 025				

SEPTEMBER 1977

A.1.

LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER
20 001	20 - aV	20 046	20 - aV	20 091	20 - cV	20 136	20 - eV	20 181	20 - eV	20 226	20 - fX									25 075	25 - laV
20 002	20 - bX	20 047		20 092		20 137	20 - fX	20 182		20 227										25 076	"
20 003	20 - aV	20 048		20 093		20 138		20 183		20 228	20 - eV			24 091	24 - laV					25 077	25 - lcX
20 004		20 049		20 094		20 139	20 - eV	20 184	20 - fX											25 078	25 - laX
20 005		20 050	20 - aV	20 095		20 140		20 185	20 - eV											25 079	25 - lcX
20 006		20 051	20 - cV	20 096		20 141		20 186				24 047	24 - cV							25 080	25 - laV
20 007		20 052		20 097		20 142		20 187												25 081	"
20 008		20 053		20 098	20 - cV	20 143		20 188												25 082	25 - lcX
20 009	20 - bX	20 054		20 099		20 144	20 - fX	20 189												25 083	25 - 2aV
20 010	20 - aV	20 055		20 100		20 145		20 190												25 084	"
20 011	20 - bX	20 056		20 101		20 146		20 191	20 - fX											25 085	"
		20 057		20 102		20 147	20 - eV	20 192	20 - eV											25 086	"
20 013	20 - aV	20 058		20 103		20 148		20 193												25 087	"
		20 059		20 104		20 149	20 - fX	20 194												25 088	25 - 2eX
20 015	20 - bX	20 060		20 105		20 150		20 195								25 001	25 - aV			25 089	25 - 2eX
20 016	20 - aV	20 061		20 106		20 151	20 - eV	20 196								25 002				25 090	25 - 2bV
20 017				20 107		20 152	20 - fX	20 197				24 057	24 - laV							25 091	"
		20 063	20 - cV	20 108		20 153		20 198												25 092	"
20 019		20 064	20 - dX	20 109		20 154		20 199								25 005				25 093	"
20 020		20 065	20 - cV	20 110		20 155		20 200								25 006				25 094	"
20 021		20 066	20 - dX	20 111	20 - dX	20 156		20 201	20 - fX							25 007				25 095	"
20 022		20 067	20 - cV	20 112	20 - cV	20 157	20 - eV	20 202								25 008				25 096	"
20 023		20 068		20 113		20 158		20 203				24 063	"			25 009				25 097	"
		20 069		20 114	20 - dX	20 159		20 204	20 - fX							25 010				25 098	"
20 025		20 070		20 115		20 160		20 205	20 - eV							25 011				25 099	"
20 026		20 071		20 116		20 161		20 206								25 013				25 100	"
20 027		20 072		20 117	20 - cV	20 162	20 - fX	20 207	20 - fX							25 014				25 101	"
20 028		20 073		20 118	20 - dX	20 163	20 - eV	20 208	20 - eV											25 102	"
20 029				20 119	20 - cV	20 164	20 - fX	20 209		24 023	24 - bV									25 103	"
20 030		20 075		20 120		20 165		20 210												25 104	"
20 031		20 076	20 - dX	20 121		20 166	20 - eV	20 211												25 105	"
20 032		20 077	20 - cV	20 122	20 - dX	20 167	20 - fX	20 212								25 019	25 - bV			25 106	"
20 033		20 078		20 123		20 168	20 - eV	20 213												25 107	"
20 034				20 124		20 169		20 214								25 021				25 108	"
20 035	20 - bX	20 080		20 125		20 170		20 215												25 109	"
20 036	20 - bX	20 081		20 126	20 - cV	20 171		20 216	20 - fX							25 023				25 110	"
20 037	20 - aV	20 082		20 127		20 172		20 217	20 - fX											25 111	"
		20 083	20 - dX	20 128		20 173		20 218												25 112	"
20 039	20 - bX	20 084	20 - cV	20 129	20 - eV	20 174	20 - fX	20 219				24 081	"							25 113	"
20 040	20 - aV	20 085		20 130		20 175		20 220		24 035		24 082								25 114	"
20 041		20 086	20 - dX	20 131		20 176	20 - eV	20 221		24 036				24 133	24 - laV					25 115	"
20 042		20 087	20 - cV	20 132		20 177		20 222								25 026	25 - laV			25 116	"
20 043		20 088		20 133		20 178		20 223								25 027				25 117	"
20 044		20 089	20 - dX	20 134		20 179	20 - fX	20 224								25 028				25 118	"
20 045		20 090	20 - cV	20 135		20 180	20 - eV	20 225				24 087				25 029	25 - laV			25 119	"

562

LOCO NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	
25 117	25 - 2eX	25 163	25 - 2bV	25 208	25 - 2bV	25 250	25 - 3bX	25 296	25 - 3bX	26 011	26 - bV	27 004	27 - aV	27 105	27 - 1aX	31 101	31 - 1aV	31 146	31 - 1eV	31 191	31 - 1cX	
25 118	25 - 2bV	25 164	"	25 209	"	25 251	25 - 3bX	25 297	25 - 3bX	26 012	"	27 005	"	27 106	"	31 102	"	31 147	31 - 1cX	31 192	"	
25 119	"	25 165	"	25 210	"	25 252	25 - 3aV	25 298	"	26 013	"	"	"	27 107	"	31 103	"	31 148	31 - 1eV	31 193	31 - 1eV	
25 120	25 - 2eX	25 166	"	25 211	"	25 253	"	25 299	25 - 3aV	26 014	"	27 007	"	27 108	"	"	"	31 149	31 - 1fX	31 194	"	
25 121	25 - 2bV	25 167	"	25 212	"	25 254	25 - 3bX	25 300	25 - 3bX	26 015	"	27 008	"	27 109	"	31 105	31 - 1bX	"	"	31 195	31 - 1cX	
25 122	"	25 168	"	25 213	"	25 256	25 - 3bX	25 301	"	"	"	27 009	"	27 110	"	31 106	"	31 151	31 - 1eV	31 196	"	
25 123	"	25 169	"	25 214	"	25 257	"	25 302	25 - 3aV	"	"	27 010	"	27 111	"	31 107	31 - 1bX	31 152	31 - 1cX	"	"	
25 124	"	25 170	"	25 215	"	25 258	25 - 3aV	25 303	25 - 3bX	26 018	"	27 011	"	27 112	"	31 108	31 - 1aV	31 153	"	31 198	31 - 1cX	
25 125	"	25 171	"	25 216	"	25 259	25 - 3bX	25 304	25 - 3aV	26 019	"	27 012	"	27 201	27 - 2aX	31 109	31 - 1bX	31 154	"	31 199	"	
25 126	"	25 172	"	25 217	"	25 260	25 - 3aV	25 305	25 - 3bX	"	"	"	"	27 202	"	31 110	"	31 155	31 - 1fX	31 200	31 - 1eV	
25 127	"	25 173	"	25 218	25 - 2cX	25 261	"	25 306	25 - 3aV	"	"	27 014	"	27 203	"	31 111	31 - 1aV	31 156	31 - 1cX	31 201	31 - 1cX	
25 129	"	"	"	25 219	25 - 2dV	25 262	25 - 3bX	25 307	25 - 3bX	"	"	"	"	27 204	"	31 112	31 - 1bX	"	"	31 202	"	
25 130	"	25 175	25 - 2eX	25 220	"	25 263	25 - 3aV	25 308	25 - 3bX	"	"	27 016	"	27 205	"	31 113	"	31 158	31 - 1cX	31 203	"	
25 131	"	25 176	25 - 2bV	25 221	25 - 2cX	25 264	"	25 309	"	26 021	26 - 1aV	27 017	"	27 206	"	31 114	31 - 1aV	31 159	"	31 204	31 - 1eV	
25 132	"	25 177	"	25 222	"	25 265	25 - 3bX	25 310	"	26 022	"	27 018	"	27 207	27 - 2aX	31 115	"	31 160	31 - 1eV	31 205	31 - 1cX	
25 133	"	25 178	25 - 2eX	25 223	25 - 2dV	25 266	"	25 311	"	26 023	"	27 019	"	27 208	"	31 116	31 - 1bX	31 161	"	31 206	"	
25 134	"	25 179	25 - 2bV	25 224	"	25 267	25 - 3aV	25 312	"	26 024	"	27 020	"	27 209	"	31 117	31 - 1cX	31 162	31 - 1cX	31 207	31 - 1eV	
25 135	"	25 180	"	25 225	"	25 268	25 - 3bX	25 313	"	26 025	"	27 021	"	27 210	"	31 118	"	31 163	31 - 1cX	31 208	31 - 1cX	
25 136	"	25 181	"	25 226	25 - 2cX	25 269	"	25 314	"	26 026	"	27 022	"	27 211	"	31 119	31 - 1cX	31 164	31 - 1eV	31 209	"	
25 137	"	25 182	"	25 227	25 - 2dV	25 270	25 - 3aV	25 315	"	26 027	"	27 023	"	27 212	27 - 2aX	31 120	31 - 1dV	31 165	31 - 1fX	31 210	"	
25 138	"	25 183	25 - 2eX	25 228	25 - 2cX	25 271	"	25 316	"	26 028	"	27 024	27 - bV	"	"	31 121	31 - 1cX	31 166	31 - 1cX	31 211	31 - 1eV	
25 139	"	25 184	25 - 2eX	25 229	"	25 272	"	25 317	"	26 029	"	27 025	"	"	"	31 122	31 - 1eV	31 167	31 - 1eV	31 212	31 - 1cX	
25 140	"	25 185	25 - 2bV	25 230	"	25 273	"	25 318	"	26 030	"	27 026	"	"	"	31 123	31 - 1cX	31 168	31 - 1cX	31 213	"	
25 141	"	25 186	"	25 231	"	25 274	"	25 319	"	26 031	"	27 027	"	"	"	31 124	31 - 1dV	31 169	31 - 1eV	31 214	31 - 1eV	
25 142	"	25 187	"	25 232	"	25 275	"	25 320	25 - 3aV	26 032	"	27 028	"	"	31 002	31 - aV	31 125	31 - 1eV	31 170	31 - 1cX	31 215	"
25 143	"	25 188	"	25 233	"	25 276	25 - 3bX	25 321	"	26 033	"	27 029	"	"	31 003	"	31 126	"	31 171	31 - 1cX	31 216	"
25 144	"	25 189	"	25 234	"	25 277	25 - 3bX	25 322	25 - 3bX	26 034	"	27 030	"	"	31 004	"	31 127	31 - 1cX	"	"	31 217	31 - 1cX
25 145	25 - 2eX	25 190	"	25 235	25 - 2dV	25 278	"	25 323	25 - 3aV	26 035	"	27 031	"	"	31 005	"	31 128	31 - 1cX	31 173	31 - 1cX	31 218	"
25 146	25 - 2bV	25 191	"	25 236	25 - 2cX	25 279	25 - 3bX	25 324	25 - 3bX	26 036	"	27 032	27 - aV	31 006	"	31 129	31 - 1eV	31 174	31 - 1cX	31 219	"	
25 147	"	25 192	"	25 237	25 - 2cX	25 280	25 - 3aV	25 325	25 - 3aV	26 037	"	27 033	"	"	"	31 130	31 - 1fX	31 175	31 - 1cX	31 220	31 - 1cX	
25 148	"	25 193	"	25 238	25 - 2dV	25 281	"	25 326	"	26 038	"	27 034	27 - aV	31 008	"	31 131	31 - 1cX	31 176	31 - 1cX	31 221	31 - 1cX	
25 149	"	25 194	25 - 2eX	25 239	"	25 282	25 - 3bX	25 327	25 - 3bX	26 039	"	"	"	"	"	31 132	31 - 1dV	31 177	31 - 1eV	31 222	31 - 1eX	
25 150	"	25 195	25 - 2bX	25 240	25 - 2cX	25 283	"	"	"	26 040	"	27 036	27 - aV	"	"	31 133	31 - 1eV	31 178	31 - 1cX	31 223	"	
25 151	"	25 196	25 - 2eX	25 241	"	25 284	"	"	"	26 041	"	27 037	"	"	"	31 134	"	31 179	31 - 1eV	31 224	"	
25 152	"	25 197	"	25 242	25 - 2fX	25 285	"	"	"	26 042	"	27 038	27 - cX	"	"	31 135	31 - 1cX	31 180	31 - 1cX	31 225	"	
25 153	25 - 2bV	25 198	"	25 243	25 - 2cX	25 286	"	26 001	26 - aX	26 043	"	"	"	"	31 013	"	31 136	31 - 1eV	31 181	"	31 226	"
25 154	25 - 2eX	25 199	"	25 244	25 - 2dV	25 287	25 - 3bX	26 002	"	26 044	"	27 040	27 - aV	"	"	31 137	31 - 1fX	31 182	31 - 1eV	31 227	"	
25 155	"	25 200	"	25 245	25 - 2cX	25 288	25 - 3bX	26 003	"	26 045	"	27 041	27 - aV	31 015	"	31 138	31 - 1fX	31 183	"	31 228	31 - 1eV	
25 156	25 - 2bV	25 201	"	25 246	25 - 2cX	25 289	25 - 3bX	26 004	"	26 046	"	27 042	27 - cX	"	"	31 139	31 - 1eV	31 184	31 - 1cX	31 229	"	
25 157	25 - bV	25 202	"	25 247	25 - 2cX	25 290	25 - 3aV	26 005	"	"	"	27 043	27 - aV	31 017	"	"	"	31 185	31 - 1cX	31 230	31 - 1cX	
25 158	"	25 203	"	"	"	25 291	"	26 006	"	"	"	27 044	"	"	"	31 141	31 - 1fX	31 186	"	31 231	"	
25 159	25 - 2bV	25 204	"	"	"	25 292	"	26 007	"	"	"	27 011	27 - 1bX	31 019	"	31 142	31 - 1cX	31 187	"	31 232	"	
25 160	25 - bV	25 205	"	"	"	25 293	"	26 008	26 - bV	27 001	27 - aV	27 102	27 - 1aX	"	"	31 143	31 - 1fX	31 188	"	31 233	31 - 1cX	
25 161	25 - 2bV	25 206	"	25 248	25 - 3aV	25 294	"	"	"	27 002	"	27 103	27 - 1aX	"	"	31 144	31 - 1fX	31 189	31 - 1cX	31 234	31 - 1eV	
25 162	"	25 207	"	25 249	25 - 3bX	25 295	25 - 3bX	26 010	"	27 003	"	27 104	27 - 1aX	"	"	31 145	31 - 1cX	31 190	31 - 1cX	31 235	31 - 1cX	

SEPTEMBER 1977

A3

LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER
31 236	31-1eV	31 281	31-1fX	31 326	31-1eV	33 020	33-aX	33 065	33-aX	37 005	37-aV	37 050	37-bV	37 095	37-cX	37 140	37-eX	37 185	37-gX	37 230	37-fV
31 237		31 282	31-1fX	31 327	31-1cX	33 021				37 006	37-dX	37 051		37 096	37-bV	37 141		37 186		37 231	37-eX
31 238	31-1cX	31 283		31 401	31-4aX	33 022				37 007		37 052	37-cX	37 097		37 142		37 187		37 232	
31 239	31-1eV	31 284		31 402		33 023				37 008		37 053	37-aV	37 098	37-aV	37 143		37 188		37 233	
31 240		31 285	31-1fX	31 403		33 024		33 101	33-1aX	37 009	37-aV	37 054	37-bV	37 099	37-bV	37 144		37 189		37 234	
31 241	31-1cX	31 286	31-1cX	31 404		33 025		33 102		37 010	37-dX	37 055	37-dX	37 100	37-aV	37 145		37 190		37 235	37-fV
31 242	31-1cX	31 287	31-1dV	31 405		33 026		33 103		37 011	37-bV	37 056		37 101	37-bV	37 146		37 191		37 236	37-eX
31 243		31 288		31 406		33 027		33 104		37 012	37-cX	37 057		37 102		37 147		37 192		37 237	
31 244	31-1eV	31 289		31 407		33 028		33 105		37 013	37-aV	37 058	37-aV	37 103	37-cX	37 148		37 193	37-eX	37 238	37-fV
31 245	31-1fX	31 290		31 408		33 029		33 106		37 014	37-cX	37 059	37-dX	37 104	37-bV	37 149		37 194		37 239	
31 246	31-1eV	31 291	31-1eV	31 409		33 030		33 107		37 015	37-bV	37 060		37 105	37-cX	37 150		37 195		37 240	
31 247	31-1cX	31 292	31-1fX	31 410		33 031		33 108		37 016	37-dX	37 061	37-aV	37 106	37-bV	37 151		37 196	37-fV	37 241	37-eX
31 248	31-1eV	31 293	31-1eV	31 411		33 032		33 109		37 017	37-bV	37 062		37 107		37 152		37 197	37-eX	37 242	37-eX
31 249	31-1cX	31 294	31-1cX	31 412		33 033		33 110		37 018	37-dX	37 063		37 108	37-cX	37 153		37 198		37 243	37-eX
31 250		31 295	31-1eV	31 413		33 034		33 111		37 019	37-dX	37 064	37-dX	37 109	37-bV	37 154		37 199		37 244	
31 251	31-1eV	31 296	31-1fX	31 414		33 035		33 112		37 020	37-dX	37 065	37-aV	37 110		37 155		37 200		37 245	37-eX
31 252	31-1cX	31 297	31-1dV	31 415		33 036		33 113		37 021	37-cX	37 066		37 111	37-cX	37 156		37 201		37 246	
31 253	31-1eV	31 298	31-1eV	31 416		33 037		33 114		37 022	37-cX	37 067	37-dX	37 112	37-cX	37 157		37 202		37 247	37-gX
31 254		31 299		31 417		33 038		33 115		37 023	37-bV	37 068	37-dX	37 113	37-bV	37 158		37 203		37 248	37-fV
31 255	31-1cX	31 300		31 418	31-4bX	33 039		33 116		37 024	37-dX	37 069	37-dX	37 114		37 159		37 204		37 249	37-eX
31 256		31 301	31-1fX	31 419	31-4aX	33 040		33 117		37 025	37-bV	37 070		37 115	37-cX	37 160		37 205		37 250	
31 257		31 302	31-1cX	31 420				33 118		37 026	37-cX	37 071	37-aV	37 116		37 161		37 206		37 251	37-fV
31 258	31-1cX	31 303	31-1dV	31 421		33 042		33 119		37 027	37-cX	37 072	37-dX	37 117	37-aV	37 162	37-fV	37 207		37 252	37-eX
31 259	31-1cX	31 304	31-1cX	31 422		33 043				37 028	37-aV	37 073		37 118	37-cX	37 163	37-eX	37 208		37 253	37-fV
31 260	31-1eV	31 305	31-1eV	31 423		33 044				37 029	37-bV	37 074		37 119	37-dX	37 164		37 209		37 254	37-eX
31 261		31 306	31-1dV	31 424	31-4cX	33 045				37 030	37-dX	37 075	37-bV	37 120	37-eX	37 165		37 210		37 255	
31 262		31 307	31-1cX	33 001	33-aX	33 046		33 201	33-2aX	37 031	37-dX	37 076	37-dX	37 121		37 166		37 211		37 256	
31 263	31-1cX	31 308	31-1eV	33 002		33 047		33 202		37 032	37-bV	37 077	37-dX	37 122		37 167		37 212		37 257	
31 264	31-1eV	31 309		33 003		33 048		33 203		37 033	37-cX	37 078		37 123		37 168		37 213	37-fV	37 258	
31 265				33 004		33 049		33 204		37 034		37 079	37-aV	37 124		37 169		37 214		37 259	
31 266		31 311	31-1cX	33 005		33 050		33 205		37 035	37-bV	37 080	37-dX	37 125		37 170		37 215	37-eX	37 260	37-gX
		31 312	31-1eV	33 006		33 051		33 206		37 036		37 081	37-cX	37 126		37 171		37 216		37 261	
31 268	31-1cX	31 313		33 007		33 052		33 207		37 037	37-cX	37 082	37-aV	37 127		37 172		37 217	37-fV	37 262	
31 269	31-1eV	31 314	31-1cX	33 008		33 053		33 208		37 038	37-bV	37 083	37-aV	37 128		37 173		37 218		37 263	
31 270		31 315	31-1eV	33 009		33 054		33 209		37 039	37-cX	37 084	37-cX	37 129		37 174		37 219	37-eX	37 264	
31 271		31 316		33 010		33 055		33 210		37 040	37-bV	37 085	37-cX	37 130		37 175	37-gX	37 220	37-fV	37 265	
31 272	31-1cX	31 317		33 011		33 056		33 211		37 041	37-cX	37 086	37-cX	37 131		37 176		37 221	37-eX	37 266	
31 273	31-1cX	31 318		33 012		33 057		33 212		37 042	37-dX	37 087	37-bV	37 132		37 177		37 222	37-fV	37 267	
31 274	31-1dV	31 319		33 013		33 058				37 043	37-cX	37 088	37-cX	37 133		37 178		37 223		37 268	
31 275		31 320	31-1cX	33 014		33 059				37 044		37 089	37-cX	37 134		37 179		37 224	37-eX	37 269	37-eX
31 276	31-1fX	31 321	31-1eV	33 015		33 060				37 045	37-dX	37 090	37-bV	37 135		37 180		37 225	37-fV	37 270	
31 277	31-1dV	31 322	31-1cX	33 016		33 061		37 001	37-dX	37 046	37-aV	37 091	37-cX	37 136		37 181		37 226	37-eX	37 271	
31 278	31-1fX	31 323		33 017		33 062		37 002		37 047	37-cX	37 092	37-bV	37 137		37 182		37 227	37-fV	37 272	
31 279	31-1eV	31 324	31-1eV	33 018		33 063		37 003	37-aV	37 048	37-aV	37 093	37-aV	37 138		37 183		37 228		37 273	
31 280	31-1dV	31 325		33 019		33 064		37 004	37-dX	37 049	37-cX	37 094	37-bV	37 139		37 184		37 229		37 274	



SEPTEMBER 1977

LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER
37 275	37 - eX	40 009	40 - bV	40 055	40 - aX	40 099	40 - dX	40 144	40 - eV			45 014	45 - bX	45 059	45 - bX	45 124	45 - laX	46 016	46 - aX	47 002	47 - bX		
37 276	"	40 010	"	40 056	"	40 100	40 - eV	40 145	40 - dX			45 015	"	45 060	"	45 125	"	46 017	"	47 003	"		
37 277	"	40 011	"	40 057	"	40 101	"	40 146	"	40 191	40 - dX	45 016	"	45 061	"	45 126	"	46 018	"	47 004	"		
37 278	"	40 012	40 - aX	40 058	"			40 147	40 - dX	40 192	"	45 017	"	45 062	"	45 127	"	46 019	"	47 005	"		
37 279	"	40 013	"			40 103	"	40 148	40 - eV	40 193	"	45 018	"	45 063	"	45 128	"	46 020	"	47 006	"		
37 280	"	40 014	"			40 104	40 - dX	40 149	40 - dX	40 194	"	45 019	"	45 064	"	45 129	"	46 021	"	47 007	"		
37 281	"	40 015	40 - aX	40 060	40 - dX	40 105	40 - bV	40 150	"	40 195	40 - dX	45 020	"	45 065	"	45 130	"	46 022	"	47 008	"		
37 282	"	40 016	40 - bV	40 061	"	40 106	"	40 151	"	40 196	"	45 021	"	45 066	"	45 131	"	46 023	"	47 009	"		
37 283	"	40 017	"	40 062	40 - eV	40 107	"	40 152	"	40 197	40 - dX	45 022	"	45 067	"	45 132	"	46 024	"	47 010	"		
37 284	"	40 018	"	40 063	40 - dX	40 108	"	40 153	"	40 198	40 - eV	45 023	"	45 068	"	45 133	"	46 025	"	47 011	"		
37 285	"	40 019	"	40 064	"	40 109	"	40 154	"	40 199	40 - fX	45 024	"	45 069	"	45 134	"	46 026	"	47 012	"		
37 286	"	40 020	"	40 065	40 - eV	40 110	40 - aX	40 155	"			45 025	"	45 070	"	45 135	"	46 027	"	47 013	"		
37 287	"			40 066	40 - dX	40 111	40 - aX	40 156	40 - eV			45 026	"	45 071	"	45 136	"	46 028	"	47 014	"		
37 288	"	40 022	40 - aX	40 067	40 - aX	40 112	40 - bV	40 157	40 - dX			45 027	"	45 072	45 - bX	45 137	"	46 029	46 - bX	47 015	"		
37 289	"	40 023	40 - bV	40 068	"	40 113	40 - aX	40 158	"			45 028	"	45 073	"	45 138	"	46 030	"	47 016	"		
37 290	"	40 024	40 - aX	40 069	"	40 114	40 - bV	40 159	"			45 029	"	45 074	"	45 139	"	46 031	"	47 017	47 - dX		
37 291	"	40 025	40 - bV	40 070	40 - bV	40 115	"	40 160	"			45 030	"	45 075	45 - bX	45 140	"	46 032	"	47 018	"		
37 292	"	40 026	40 - bV	40 071	40 - aX	40 116	"	40 161	40 - eV			45 031	"	45 076	"	45 141	"	46 033	"	47 019	"		
37 293	"	40 027	40 - aX			40 117	40 - aX	40 162	40 - dX			45 032	"	45 077	"	45 142	"	46 034	"	47 020	47 - eX		
37 294	"	40 028	"	40 073	40 - fX	40 118	40 - aX	40 163	"			45 033	"			45 143	"	46 035	"	47 021	"		
37 295	"	40 029	"	40 074	40 - aX	40 119	40 - aX	40 164	"	44 002	44 - eV	45 034	45 - bX			45 144	"	46 036	"	47 022	47 - eX		
37 296	"	40 030	"	40 075	40 - bV	40 120	40 - bV	40 165	40 - dX			45 035	"			45 145	"	46 037	"	47 023	"		
37 297	"	40 031	40 - bV	40 076	40 - aX	40 121	"	40 166	40 - dX	44 004	"	45 036	"	45 101	45 - laX	45 146	"	46 038	"	47 024	"		
37 298	"	40 032	"	40 077	"	40 122	40 - aX	40 167	"	44 005	"	45 037	45 - bX	45 102	"	45 147	"	46 039	"	47 025	47 - eX		
37 299	"	40 033	40 - aX	40 078	"	40 123	40 - bV	40 168	"			45 038	"	45 103	"	45 148	"	46 040	"	47 026	"		
37 300	"	40 034	"	40 079	"	40 124	40 - aX	40 169	"	44 007	"	45 039	"	45 104	"	45 149	"	46 041	"	47 027	47 - eX		
37 301	"	40 035	40 - aX	40 080	"	40 125	40 - eV	40 170	"	44 008	"	45 040	"	45 105	"	45 150	"	46 042	"	47 028	47 - eX		
37 302	"	40 036	40 - bV	40 081	"	40 126	40 - dX	40 171	"	44 009	"	45 041	"	45 106	"			46 043	"	47 029	47 - eX		
37 303	"	40 037	40 - cV	40 082	"	40 127	40 - dX	40 172	40 - dX			45 042	"	45 107	"			46 044	"	47 030	"		
37 304	"	40 038	40 - fX	40 083	"	40 128	40 - dX	40 173	40 - eV			45 043	"	45 108	"			46 045	"	47 031	47 - eX		
37 305	"			40 084	"	40 129	40 - dX	40 174	40 - dX			45 044	45 - bX	45 109	"	46 001	46 - aX	46 046	"	47 032	47 - eX		
37 306	"	40 040	40 - cV	40 085	"	40 130	40 - dX	40 175	40 - eV			45 045	"	45 110	"	46 002	"	46 047	"	47 033	"		
37 307	"			40 086	"	40 131	40 - dX	40 176	40 - dX	45 001	45 - bX	45 046	"	45 111	"	46 003	"	46 048	"	47 034	"		
37 308	"	40 042	40 - bV	40 087	40 - eV	40 132	40 - dX	40 177	"	45 002	"	45 047	"	45 112	"	46 004	"	46 049	"	47 035	"		
				40 088	"	40 133	40 - dX	40 178	"	45 003	"	45 048	"	45 113	"	46 005	"	46 050	"	47 036	"		
		40 044	40 - aX			40 134	40 - dX	40 179	40 - eV	45 004	"	45 049	"	45 114	"	46 006	"	46 051	"	47 037	"		
				40 090	40 - dX	40 135	"	40 180	40 - dX	45 005	"	45 050	"	45 115	"	46 007	"	46 052	"	47 038	"		
40 001	40 - aX	40 046	40 - cV	40 091	40 - dX	40 136	40 - dX	40 181	"	45 006	"	45 051	"	45 116	"	46 008	"	46 053	"	47 039	"		
40 002	"	40 047	40 - aX	40 092	40 - eV	40 137	40 - dX	40 182	"	45 007	"	45 052	"	45 117	"	46 009	"	46 054	"	47 040	"		
40 003	40 - bV	40 048	40 - bV	40 093	40 - dX	40 138	40 - eV	40 183	40 - eV	45 008	"	45 053	"	45 118	"	46 010	"	46 055	"	47 041	"		
40 004	40 - aX	40 049	"	40 094	40 - eV	40 139	"	40 184	"	45 009	"	45 054	"	45 119	"	46 011	"	46 056	"	47 042	"		
		40 050	40 - aX	40 095	40 - dX	40 140	40 - dX	40 185	40 - dX	45 010	"	45 055	"	45 120	"	46 012	"			47 043	"		
40 006	40 - aV	40 051	40 - bV	40 096	40 - dX	40 141	40 - dX	40 186	"	45 011	"	45 056	"	45 121	"	46 013	"			47 044	"		
40 007	40 - aX	40 052	40 - aX	40 097	40 - dX	40 142	40 - eV	40 187	40 - eV	45 012	"	45 057	45 - bX	45 122	"	46 014	"			47 045	"		
40 008	40 - bV			40 098	"	40 143	40 - dX	40 188	40 - dX	45 013	"	45 058	"	45 123	"	46 015	"	47 001	47 - bX	47 050	"		

SEPTEMBER 1977

A5

LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER	LOCO NUMBER	DIAGRAM NUMBER
47 051	47 - gX	47 105	47 - bX	47 157	47 - eX	47 202	47 - gX	47 247	47 - hX	47 296	47 - hX	47 343	47 - 3aX	47 407	47 - 4aX	47 452	47 - 4eX	47 497	47 - 4hX	47 542	47 - 4JX
47 052		47 106		47 158	47 - eX	47 203		47 248	47 - hX	47 297		47 344		47 408		47 453		47 498		47 543	
47 053		47 107		47 159		47 204		47 249		47 298		47 345		47 409		47 454		47 499		47 544	
47 054	47 - hX	47 108	47 - bX	47 160		47 205		47 250		47 301	47 - 3aX	47 346		47 410		47 455	47 - 4hX	47 500		47 545	47 - 4hX
47 055		47 109	47 - bX	47 162		47 206		47 251		47 302		47 347		47 411		47 456		47 501		47 546	
47 056		47 110	47 - lX	47 163		47 207		47 252		47 303		47 348		47 412		47 457	47 - 4fX	47 502		47 547	
47 059		47 111	47 - bX	47 164		47 208		47 254		47 304		47 349		47 413		47 458		47 503			
47 060		47 112		47 165		47 209		47 255		47 305		47 350		47 414		47 459	47 - 4hX	47 504		47 549	47 - 4hX
47 061		47 113	47 - lX	47 166		47 210		47 256		47 306		47 351		47 415		47 460	47 - 4fX	47 505		47 550	
47 063		47 114	47 - bX	47 167		47 211		47 257		47 307		47 352		47 416		47 461		47 506		47 551	
47 064		47 115	47 - bX	47 168		47 212		47 258		47 308		47 353		47 417		47 462	47 - 4hX	47 507		47 552	47 - 4gX
47 066		47 116		47 169		47 213		47 262	47 - gX	47 309		47 354		47 418		47 463		47 508		47 553	47 - 4hX
47 068		47 117		47 170		47 214		47 263		47 310		47 355		47 419		47 464		47 509		47 554	
47 069		47 118		47 171		47 215		47 264		47 311		47 356		47 420		47 465		47 510		47 555	
47 070		47 119		47 172		47 216		47 265		47 312		47 357		47 421	47 - 4bX	47 466		47 511			
47 072		47 120		47 173		47 217		47 266		47 313		47 358		47 422	47 - 4bX	47 467		47 512		47 601	47 - 6aX
47 074		47 121		47 174		47 218		47 267		47 314		47 359		47 423		47 468		47 513		50 001	50 - aX
47 075		47 122		47 175		47 219		47 268		47 315		47 360		47 424	47 - 4cX	47 469		47 514		50 002	
47 076		47 123		47 176		47 220		47 269		47 316		47 361		47 425	47 - 4bX	47 470		47 515		50 003	
47 077		47 124		47 177		47 221		47 270		47 317		47 362		47 426		47 471		47 516		50 004	
47 078		47 125		47 178		47 222		47 271		47 318		47 363		47 427	47 - 4cX	47 472		47 517	47 - 4 gX	50 005	
47 079		47 128	47 - eX	47 179		47 223		47 272		47 319		47 364		47 428	47 - 4bX	47 473		47 518		50 006	
47 080		47 129				47 224		47 273		47 320		47 365		47 429		47 474		47 519		50 007	
47 081		47 130		47 180		47 225	47 - lX	47 274		47 321		47 366		47 430		47 475		47 520		50 008	
47 082		47 131	47 - eX	47 181		47 226	47 - hX	47 275	47 - hX	47 322		47 367		47 431		47 476		47 521		50 009	
47 083		47 134	47 - eX	47 182		47 227		47 276		47 323		47 368		47 432	47 - 4cX	47 477		47 522		50 010	
47 085		47 135		47 183		47 228		47 277	47 - lX	47 324		47 369		47 433		47 478		47 523		50 011	
47 086		47 136		47 184		47 229		47 278	47 - hX	47 325		47 370		47 434		47 479		47 524		50 012	
47 087		47 137		47 185		47 230		47 279		47 326		47 371		47 435	47 - 4dX	47 480		47 525		50 013	
47 088		47 138	47 - eX	47 186		47 231		47 280		47 327		47 372		47 436	47 - 4eX	47 481		47 526		50 014	
47 089		47 140		47 187	47 - gX	47 232		47 281		47 328		47 373		47 437		47 482		47 527		50 015	
47 090		47 141	47 - eX	47 188		47 233		47 282		47 329		47 374		47 438		47 483		47 528		50 016	
47 091		47 142		47 189		47 234	47 - lX	47 283		47 330		47 375		47 439	47 - 4eX	47 484		47 529	47 - 4hX	50 017	
47 093		47 143		47 190		47 235		47 284		47 331		47 376		47 440		47 485		47 530		50 018	
47 094		47 144		47 191		47 236		47 285		47 332		47 377		47 441		47 486		47 531		50 019	
47 095		47 145		47 192		47 237	47 - hX	47 286		47 333		47 378		47 442		47 487		47 532		50 020	
47 096	47 - bX	47 146	47 - eX	47 193		47 238	47 - lX	47 287		47 334		47 379		47 443		47 488		47 533		50 021	
47 097	47 - bX	47 147		47 194		47 239	47 - hX	47 288		47 335		47 380		47 444		47 489		47 534		50 022	
47 098		47 148		47 195		47 240		47 289	47 - lX	47 336		47 381		47 445		47 490		47 535		50 023	
47 099		47 149	47 - eX	47 196		47 241	47 - lX	47 290	47 - hX	47 337		47 401	47 - 4aX	47 446	47 - 4eX	47 491		47 536		50 024	
47 100		47 150		47 197		47 242	47 - hX	47 291		47 338		47 402		47 447		47 492		47 537		50 025	
47 101		47 151		47 198		47 243		47 292		47 339		47 403		47 448		47 493		47 538		50 026	
47 102		47 152		47 199		47 244		47 293		47 340		47 404		47 449		47 494		47 539		50 027	
47 103		47 155		47 200		47 245		47 294		47 341		47 405		47 450		47 495		47 540		50 028	
47 104		47 156		47 201		47 246		47 295		47 342		47 406		47 451		47 496		47 541	47 - 4JX	50 029	

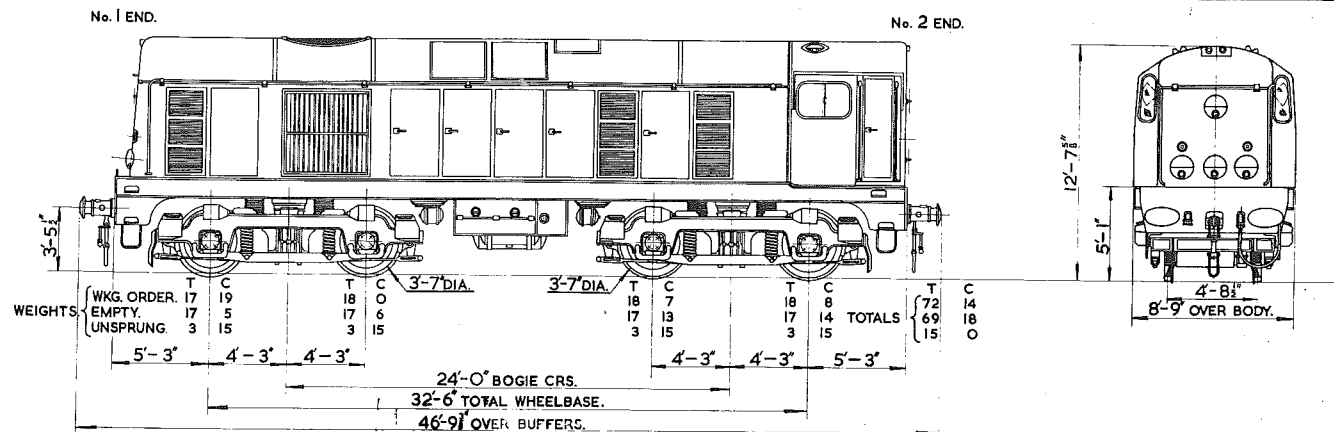
5 FZ

W.S. Bidd

A6

SEPTEMBER 1977

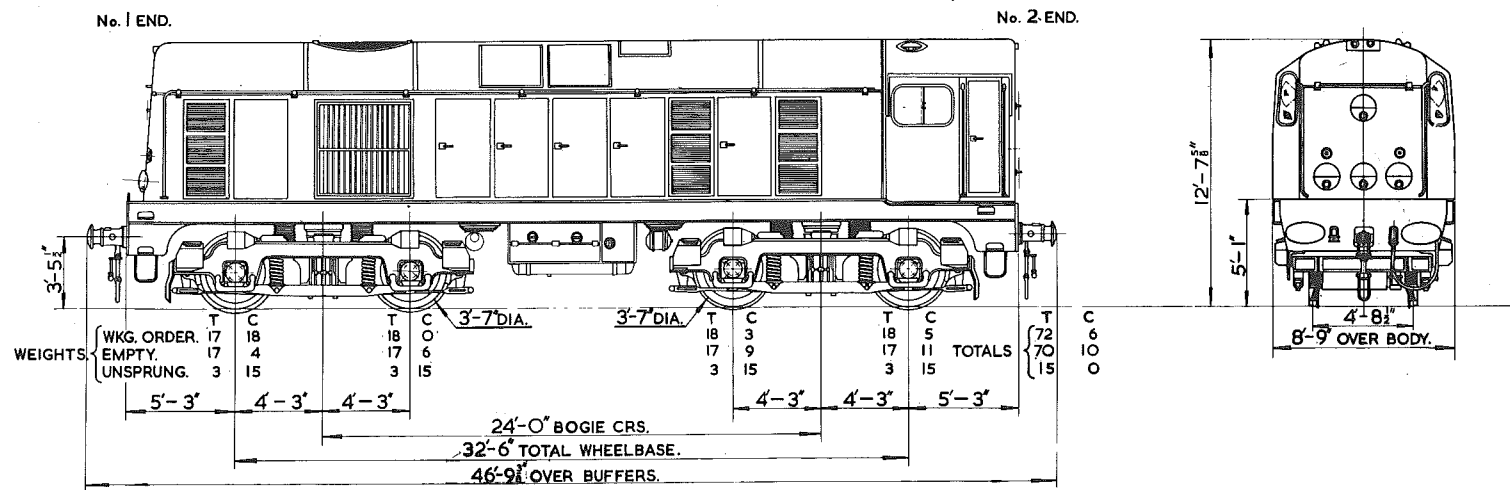
LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER	LOCO. NUMBER	DIAGRAM NUMBER
50 030	50 - aX	55 022	55 - aX	56 042	56 - aA	56 087	56 - aA														
50 031				56 043		56 088															
50 032				56 044		56 089															
50 033				56 045		56 090															
50 034		56 001	56 - aA	56 046																	
50 035		56 002		56 047																	
50 036		56 003		56 048																	
50 037		56 004		56 049																	
50 038		56 005		56 050																	
50 039		56 006		56 051																	
50 040		56 007		56 052																	
50 041		56 008		56 053																	
50 042		56 009		56 054																	
50 043		56 010		56 055																	
50 044		56 011		56 056																	
50 045		56 012		56 057																	
50 046		56 013		56 058																	
50 047		56 014		56 059																	
50 048		56 015		56 060																	
50 049		56 016		56 061																	
50 050		56 017		56 062																	
		56 018		56 063																	
		56 019		56 064																	
		56 020		56 065																	
55 001	55 - aX	56 021		56 066																	
55 002		56 022		56 067																	
55 003		56 023		56 068																	
55 004		56 024		56 069																	
55 005		56 025		56 070																	
55 006		56 026		56 071																	
55 007		56 027		56 072																	
55 008		56 028		56 073																	
55 009		56 029		56 074																	
55 010		56 030		56 075																	
55 011		56 031		56 076																	
55 012		56 032		56 077																	
55 013		56 033		56 078																	
55 014		56 034		56 079																	
55 015		56 035		56 080																	
55 016		56 036		56 081																	
55 017		56 037		56 082																	
55 018		56 038		56 083																	
55 019		56 039		56 084																	
55 020		56 040		56 085																	
55 021		56 041		56 086																	



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 8 S.V.T. MK. II	BRAKING.	TYPE	{ FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	8 CYL. 4 STROKE.				VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1000 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE.	{ % OF LOCO. WEIGHT IN WORKING ORDER.	82.5%.
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 819/3C.				
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D.	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.		75 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING		3.5 CHAINS
	TYPE OF SUSPENSION.	NOSE.		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING		3.07 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		VERTICAL CONVEX		9.75 CHAINS
PERFORMANCE.	MAX. TRACTIVE EFFORT.	42000 LB. AT 26% ADHESION.	TRAIN HEATING EQUIPMENT	VERTICAL CONCAVE		11 CHAINS
	CONT. TRACTIVE EFFORT.	AT 1800 AMPS. MAIN GENERATOR.		BOILER MAKE & TYPE		
	RAIL H.P. AT CONT. RATING.	25000 LB. AT 11 M.P.H.		STEAMING CAPACITY		
	FULL ENGINE OUTPUT.	AT 1200 AMPS. MAIN GENERATOR.		ENGINE FUEL		380 GALLONS
		770 H.P.	TANK CAPACITIES	BOILER FUEL		
		AVAILABLE BETWEEN 5 & 75 M.P.H.		BOILER WATER		

1000 H.P. E.E. TYPE 1 B.B. DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 20

20-a V



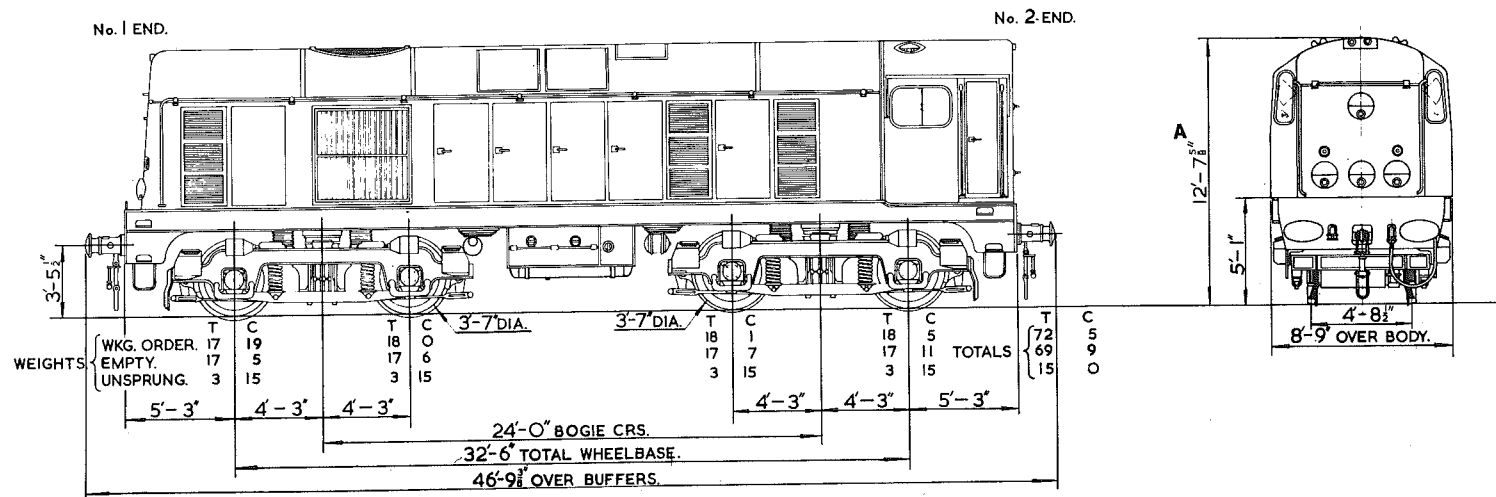
APRIL 1974

ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 8 SV.T. MK. II	BRAKING	TYPE	FOR LOCO.	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE.	8 CYL. 4 STROKE.			FOR TRAIN	
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1000 H.P. AT 850 R.P.M.	SPEED	BRAKE FORCE	% OF LOCO. WEIGHT IN WORKING ORDER	82.9%
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 819/3C.				
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D.	MINIMUM RADIUS CURVES	MAX PERMITTED SERVICE SPEED	75 M.P.H.	3.5 CHAINS
	No.	FOUR.				
	TYPE OF SUSPENSION.	NOSE.				
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.				
PERFORMANCE.	MAX. TRACTIVE EFFORT.	42,000 LB. AT 25.9% ADHESION.	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE STEAMING CAPACITY	380 GALLONS	3.07 CHAINS
	CONT. TRACTIVE EFFORT.	25,000 LB. AT 11.0 M.P.H.				
	RAIL H.P. AT CONT. RATING.	770 H.P.	TANK CAPACITIES	ENGINE FUEL BOILER FUEL BOILER WATER		9.75 CHAINS
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 5 & 75 M.P.H.				

# 1000 H.P. E.E. TYPE I B.B. DIESEL ELECTRIC LOCOMOTIVE. CLASS 20

20-b X



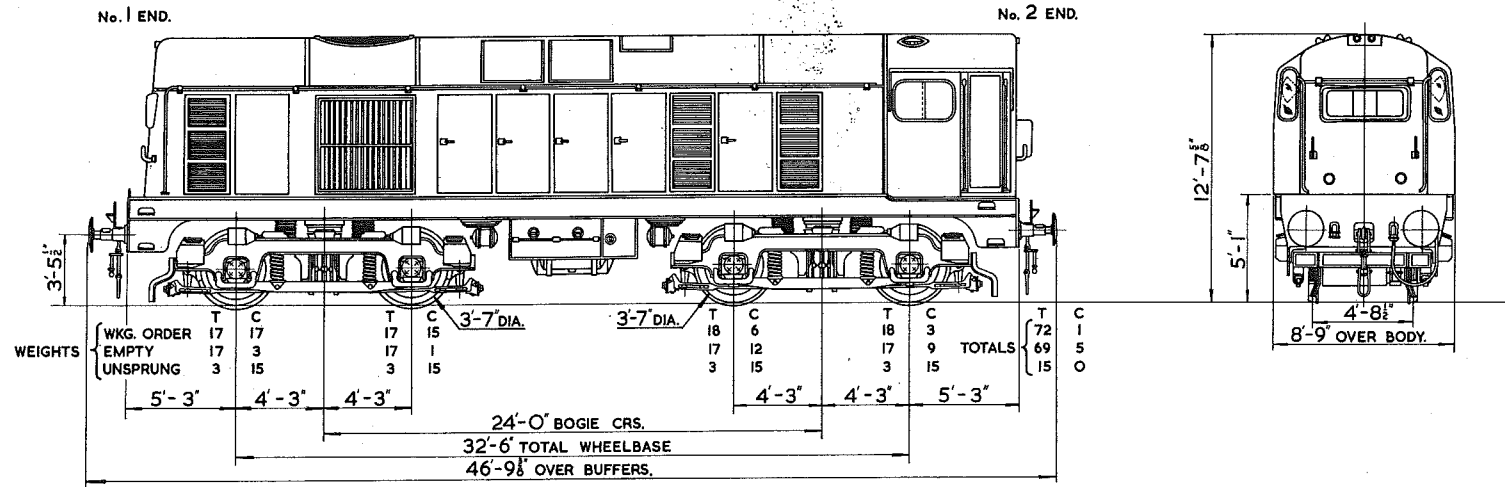


APRIL 1974

ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 8 SV.T. MK. II	BRAKING	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR AUTO. AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	8 CYL. 4 STROKE.			
	MAX. CONT. RATED OUTPUT.	1000 H.P. AT 850 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 819/3C.	SPEED	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	83 %
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/8D.			
TRACTION MOTORS.	No.	FOUR.	MINIMUM RADIUS	MAX PERMITTED SERVICE SPEED	75 M.P.H.
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES	HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	3.5 CHAINS 3.07 CHAINS 9.75 CHAINS 11 CHAINS
	MAX. TRACTIVE EFFORT.	42,000 LB. AT 25% ADHESION.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 1800 AMPS. MAIN GENERATOR. 25,000 LB. AT 11.0 M.P.H.	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE STEAMING CAPACITY	380 GALLONS
	RAIL H.P. AT CONT. RATING.	AT 1,200 AMPS. MAIN GENERATOR. 770 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 5 & 75 M.P.H.	TANK CAPACITIES	ENGINE FUEL BOILER FUEL BOILER WATER	

# 1000 H.P. E.E. TYPE I B.B. DIESEL ELECTRIC LOCOMOTIVE. CLASS 20

20- d X



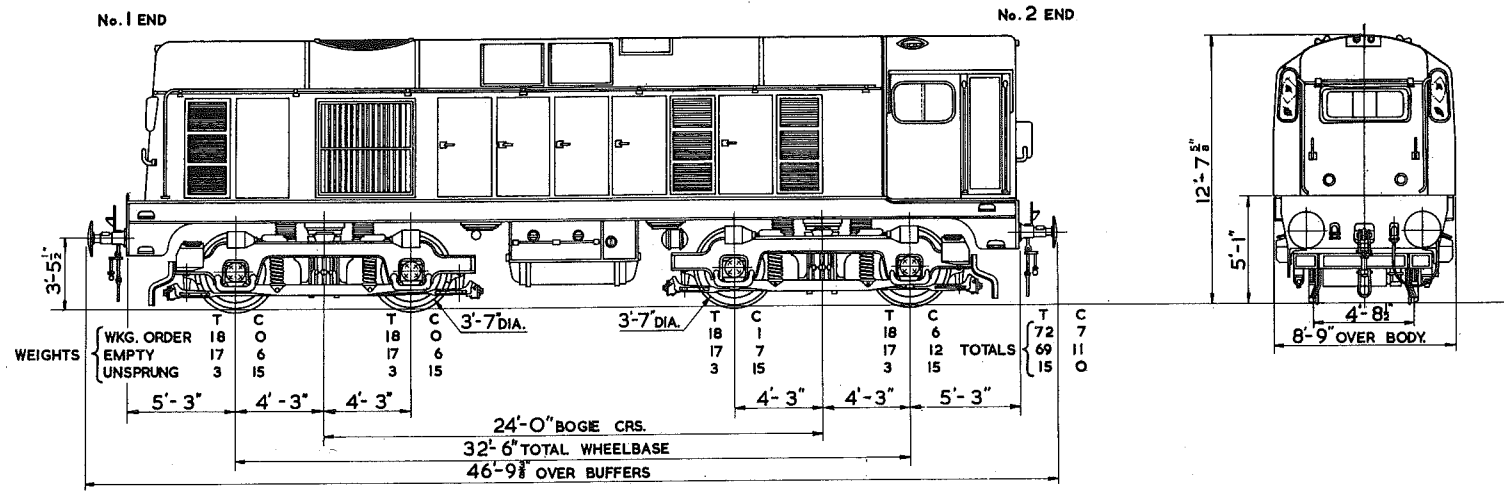
APRIL 1974

ENGINE	{	MAKE & TYPE	ENGLISH ELECTRIC 8 S.V.T. MK.II	BRAKING	{	TYPE {	FOR LOCO	AIR	
		No. OF CYLS. & CYCLE	8 CYL. 4 STROKE.			FOR TRAIN	VACUUM		
MAIN GENERATOR	{	MAX. CONT. RATED OUTPUT	1000 H.P. AT 850 R.P.M.	SPEED	{	BRAKE FORCE {	% OF LOCO. WEIGHT.	83.2 %	
		MAKE & TYPE	ENGLISH ELECTRIC E.E.819/3C			IN WORKING ORDER.			
TRACTION MOTORS	{	MAKE & TYPE	ENGLISH ELECTRIC E.E.526/8D	MINIMUM RADIUS	{	MAX PERMITTED SERVICE SPEED	75 M.P.H.		
		No.	FOUR			HORIZONTAL WITHOUT GAUGE WIDENING	3.5 CHAINS		
		TYPE OF SUSPENSION	NOSE			HORIZONTAL WITH ¾ ins. GAUGE WIDENING	3.07 CHAINS		
		TYPE OF GEAR DRIVE	SINGLE REDUCTION			VERTICAL CONVEX	9.75 CHAINS		
PERFORMANCE	{	MAX TRACTIVE EFFORT	42000 LB AT 26 % ADHESION	TRAIN HEATING	{	VERTICAL CONCAVE	11 CHAINS.		
		CONT. TRACTIVE EFFORT	25000 LB. AT 11.0 M.P.H.			BOILER MAKE & TYPE			
		RAIL H.P. AT CONT. RATING	770 HP	EQUIPMENT	{	STEAMING CAPACITY			
		FULL ENGINE OUTPUT	AVAILABLE BETWEEN 5 & 75 M.P.H.			ENGINE FUEL	380 GALLONS		
						TANK CAPACITIES	{	BOILER FUEL	
								BOILER WATER	

1000 H.P. E.E. TYPE I B.B. DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 20

20-e V



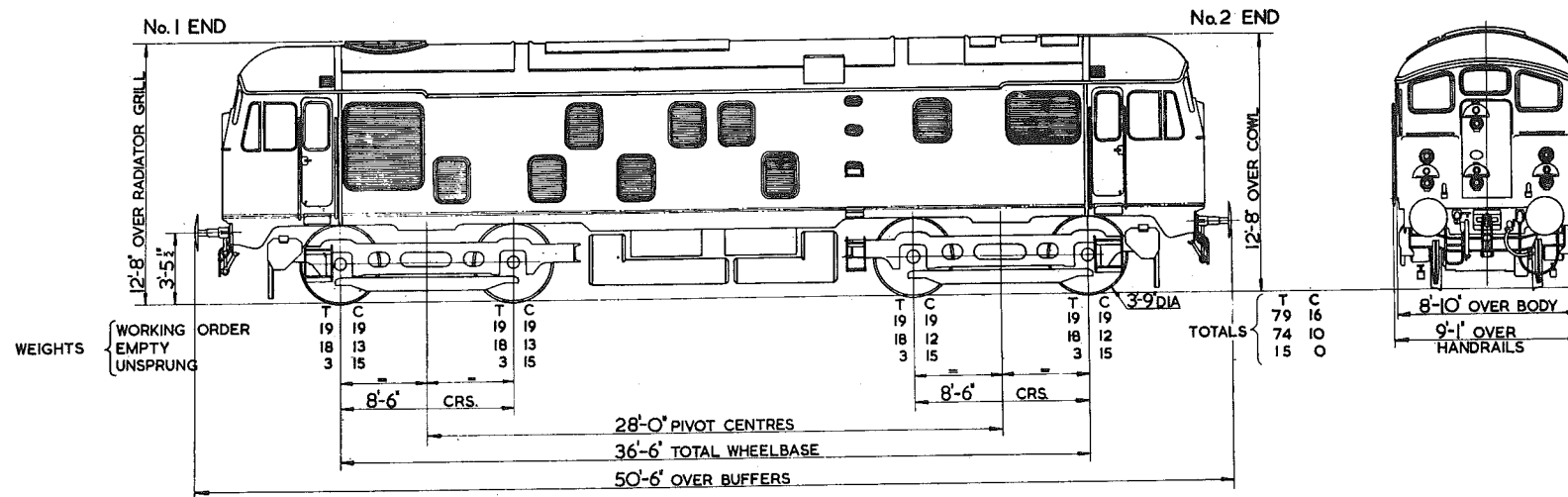


APRIL 1974

ENGINE	{	MAKE & TYPE	ENGLISH ELECTRIC 8 S.V.T. MK.II	BRAKING	{	TYPE {	FOR LOCO.	STRAIGHT AIR. & AUTO. AIR.
		No. OF CYLS. & CYCLE	8 CYL. 4 STROKE.			FOR TRAIN	AUTO. AIR. & AIR CONT. VAC.	
MAIN GENERATOR	{	MAX. CONT. RATED OUTPUT	1,000 H.P. AT 850 R.P.M.	SPEED	{	BRAKE FORCE {	% OF LOCO. WEIGHT.	82.8%
		MAKE & TYPE	ENGLISH ELECTRIC E.E.819/3C			IN WORKING ORDER		
TRACTION MOTORS	{	MAKE & TYPE	ENGLISH ELECTRIC E.E.526/8D	MINIMUM RADIUS	{	MAX PERMITTED SERVICE SPEED	75 M.P.H.	
		No.	FOUR			HORIZONTAL WITHOUT GAUGE WIDENING	3.5 CHAINS	
		TYPE OF SUSPENSION	NOSE	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING		3.07 CHAINS		
		TYPE OF GEAR DRIVE	SINGLE REDUCTION	VERTICAL CONVEX		9.75 CHAINS		
PERFORMANCE	{	MAX TRACTIVE EFFORT	42000 LB. AT 25.9% ADHESION	TRAIN HEATING	{	VERTICAL CONCAVE	11 CHAINS	
		CONT. TRACTIVE EFFORT	25000 LB. AT 11.0 M.P.H.			BOILER MAKE & TYPE		
			AT 1800 AMPS. MAIN GENERATOR	EQUIPMENT		STEAMING CAPACITY		
		RAIL H.P. AT CONT. RATING	770 HP	TANK CAPACITIES		ENGINE FUEL	380 GALLONS	
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 5 & 75 M.P.H.		BOILER FUEL				
				BOILER WATER				

# 1000 H.P. E.E. TYPE I B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 20

20- f X

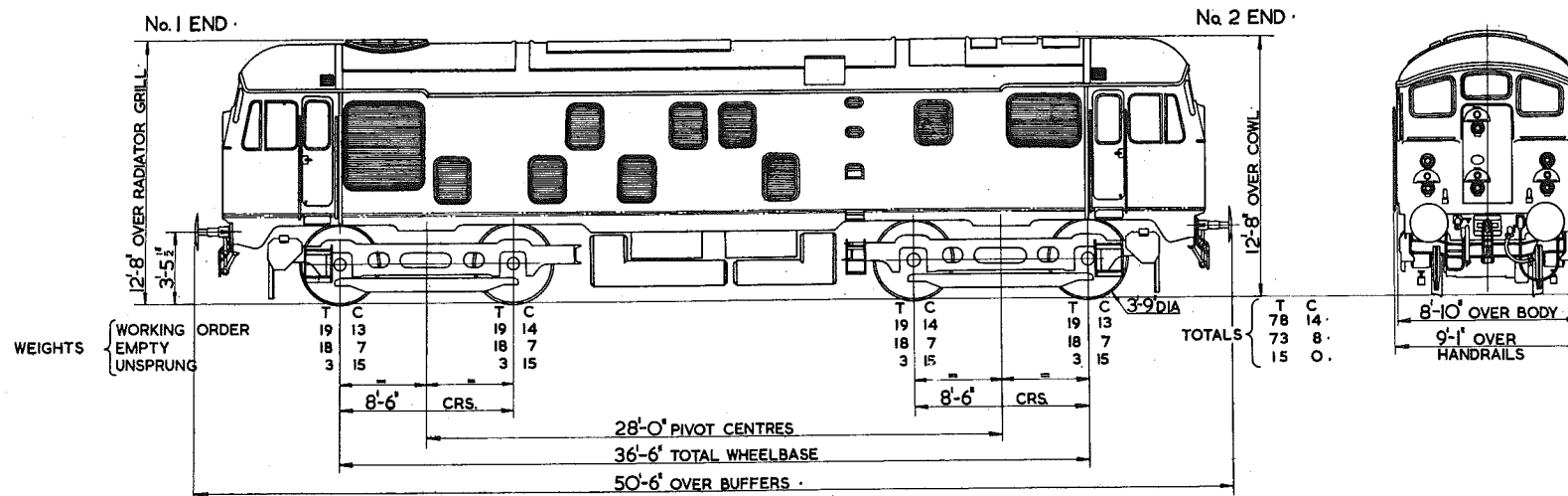


APRIL 1974

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			VACUUM
	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	78.7%
MAIN GENERATOR.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B. 15656.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. 137.B.Y.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED	4 1/2 CHAINS.
TRACTION MOTORS.	No.	FOUR.			
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE.	STONE VAPOR { OK 4616A OR OK 4616B.
	MAX. TRACTIVE EFFORT.	40,000 LBS. AT 22.3% ADHESION.		STEAMING CAPACITY.	1750 LBS./HOUR.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	21,300 LBS. AT 14.8 M.P.H.	TANK CAPACITIES	ENGINE FUEL.	546 GALLS.
	RAIL H.P. AT CONT. RATING.	AT 1400 AMPS. MAIN GENERATOR.		BOILER FUEL.	
	FULL ENGINE OUTPUT.	843 H.P.		BOILER WATER.	600 GALLS.
		AVAILABLE BETWEEN 7.7 & 69 M.P.H.			

# 1160 H.P. B.R. TYPE 2 B.B. DIESEL ELECTRIC LOCOMOTIVE. CLASS 24/O

24- a V

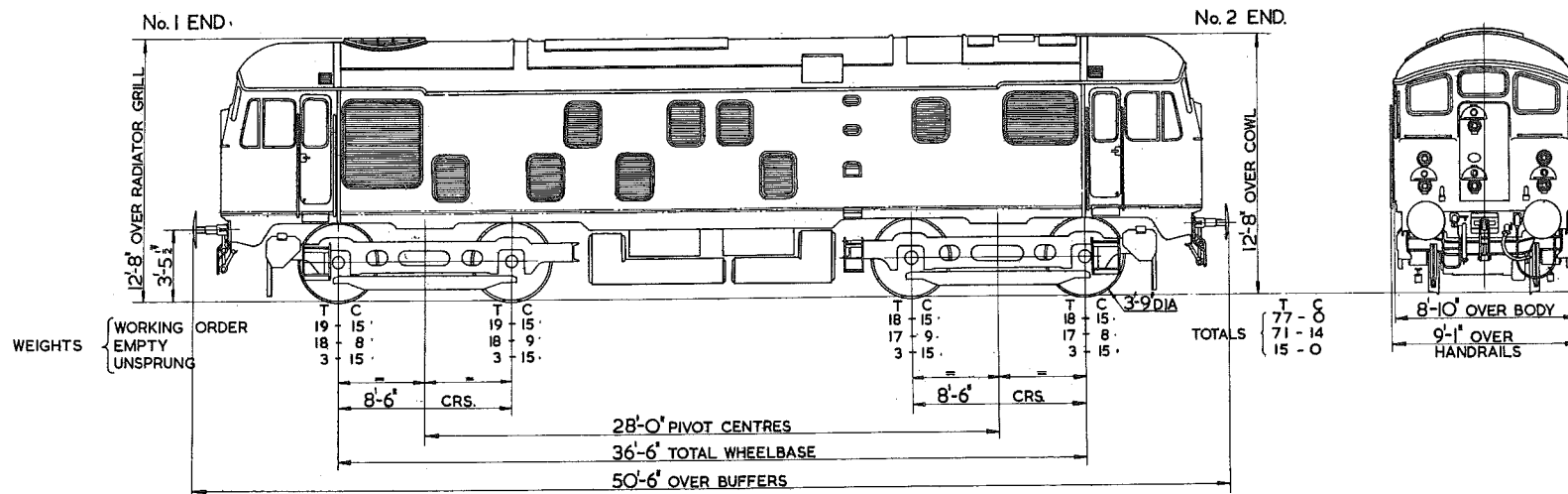


APRIL 1974

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR.
	No OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			VACUUM
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	79.8%
	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B. 15656.	SPEED.	MAX. PERMITTED SERVICE SPEED	75 M.P.H.
TRACTION MOTORS.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. 137.B.Y.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.
	No.	FOUR.			
	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING	BOILER MAKE & TYPE.	STONE VAPOR QK. 4616/B.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	EQUIPMENT.	STEAMING CAPACITY.	1750 LBS./HOUR
	MAX. TRACTIVE EFFORT.	40,000 LBS. AT 22.7% ADHESION.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	21,300 LBS. AT 14.8 M.P.H.	TANK CAPACITIES	ENGINE FUEL.	546 GALLS.
	RAIL H.P. AT CONT. RATING.	AT 1400 AMPS. MAIN GENERATOR.		BOILER FUEL.	
	FULL ENGINE OUTPUT.	843 H.P.		BOILER WATER.	600 GALLS.
		AVAILABLE BETWEEN 7.7 & 69 M.P.H.			

# 1160 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 24/O

24- B V

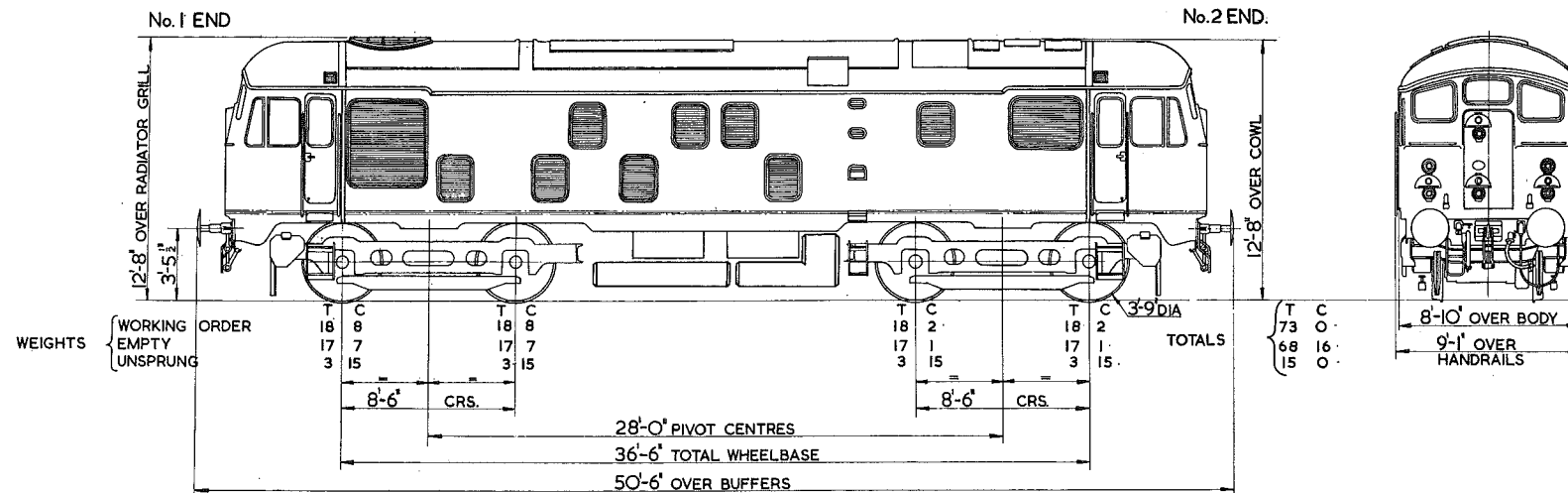


APRIL 1974

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			VACUUM
	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B. 15656.		BRAKE FORCE. { % OF LOCQ. WEIGHT IN WORKING ORDER.	81.6%
	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. 137.B.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
TRACTION MOTORS.	No.	FOUR.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			
	MAX. TRACTIVE EFFORT.	40,000 LBS. AT 23.2% ADHESION.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR L4610. 1000 LBS/HOUR
PERFORMANCE.	CONT. TRACTIVE EFFORT.	21,300 LBS. AT 14.8 M.P.H.			
	RAIL H.P. AT CONT. RATING.	AT 1400 AMPS. MAIN GENERATOR.	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	546 GALLS.
	FULL ENGINE OUTPUT.	843 H.P.			450 GALLS.
		AVAILABLE BETWEEN 7.7 & 69 M.P.H.			

# 1160 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 24/0

24 - c V

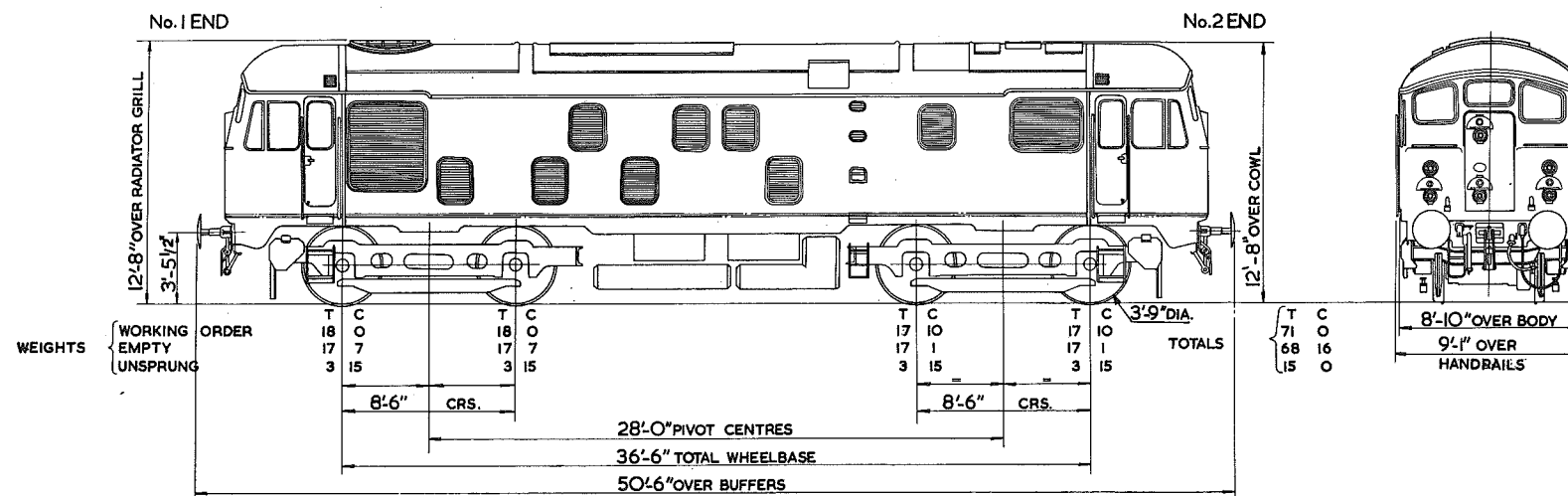


APRIL 1974

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING.	TYPE {	FOR LOCO.	AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			FOR TRAIN.	VACUUM
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1160 HP AT 750 R.P.M.		BRAKE FORCE.	{ % OF LOCO. WEIGHT	86%
	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON, R.T.B. 15656.			{ IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON, 137.B.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.		75 M.P.H.
	No.	FOUR.	CURVE.	MIN. RAD. CURVE	{ WITHOUT GAUGE WIDENING.	4 1/2 CHAINS.
	TYPE OF SUSPENSION.	NOSE.			{ AT DEAD SLOW SPEED.	
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE.		STONE VAPOR L4610
	MAX. TRACTIVE EFFORT.	40000 LBS. AT 24.5% ADHESION.		{ STEAMING CAPACITY.		1000 LBS./HOUR
PERFORMANCE.	CONT. TRACTIVE EFFORT.	21,300 LBS. AT 14.8 M.P.H.	TANK CAPACITIES	{ ENGINE FUEL.		500 GALLS
	RAIL H.P. AT CONT RATING.	AT 1400 AMPS. MAIN GENERATOR.		{ BOILER FUEL.		
	FULL ENGINE OUTPUT.	843 H.P.		{ BOILER WATER.		450 GALLS
		AVAILABLE BETWEEN 7.7 & 69 M.P.H.				

# 1160 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 24/1

24-1a V



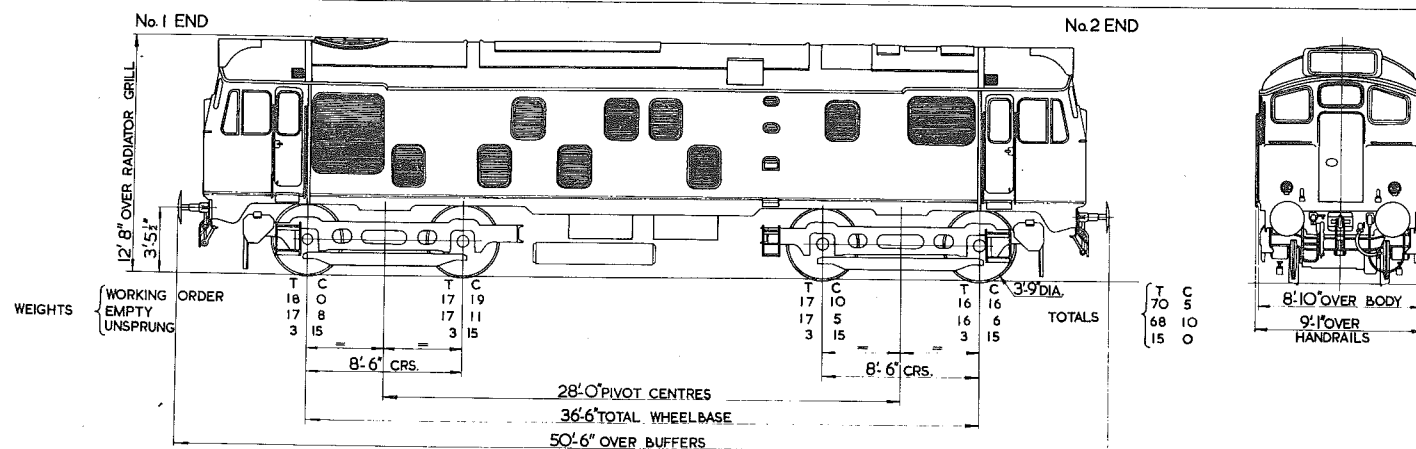
APRIL 1974

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING	TYPE { FOR LOCO.	AIR
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.		FOR TRAIN.	VACUUM
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT.	88.5%
	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON R.T.B. 15656.		IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. 137.B.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
	No.	FOUR.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS
	TYPE OF SUSPENSION.	NOSE.	CURVES.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.7 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		VERTICAL CONVEX.	7 CHAINS
	MAX. TRACTIVE EFFORT	40000 LBS. AT 25.2% ADHESION.		VERTICAL CONCAVE.	7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2320 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER MAKE & TYPE.	
		21300 LBS. AT 14.8 M.P.H.	EQUIPMENT	TEAMING CAPACITY.	
	RAIL H.P. AT CONT. RATING.	AT 1400 AMPS. MAIN GENERATOR.	TANK CAPACITIES	ENGINE FUEL.	500 GALLS.
	FULL ENGINE OUTPUT.	843 H.P.		BOILER FUEL.	
		AVAILABLE BETWEEN 7.7 & 69 M.P.H.		BOILER WATER.	

# 1160 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 24/1

24-1b V

DEC 81

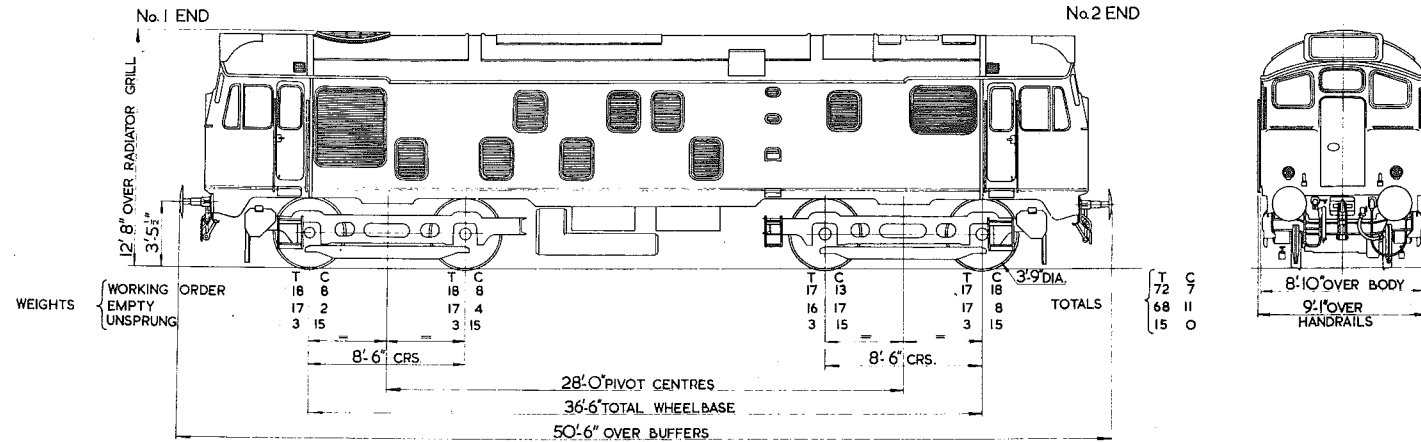


ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6L.DA 28-B. 6 CYL. 4 STROKE. 1250 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	A.E.I. R.T.B. 15656.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	89.4%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	A.E.I. 137 B.X. FOUR. NOSE. SINGLE REDUCTION. 39,000 LBS. AT 24.8% ADHESION.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
		AT 2530 AMPS. MAIN GENERATOR	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	4.5 CHAINS
		20,800 LBS. AT 17.1 M.P.H.	CURVES	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.7 CHAINS
		AT 1500 AMPS. MAIN GENERATOR.		VERTICAL CONVEX	7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	949 H.P.	TRAIN HEATING	VERTICAL CONCAVE	7 CHAINS
	RAIL H.P. AT CONT. RATING.	AVAILABLE BETWEEN 9.3 & 77% MPH.	EQUIPMENT	{ BOILER MAKE & TYPE STEAMING CAPACITY	
	FULL ENGINE OUTPUT.		TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	500 GALLONS

1250 H.P. BR. TYPE 2 BB. DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/0

25-a V

DEC 81



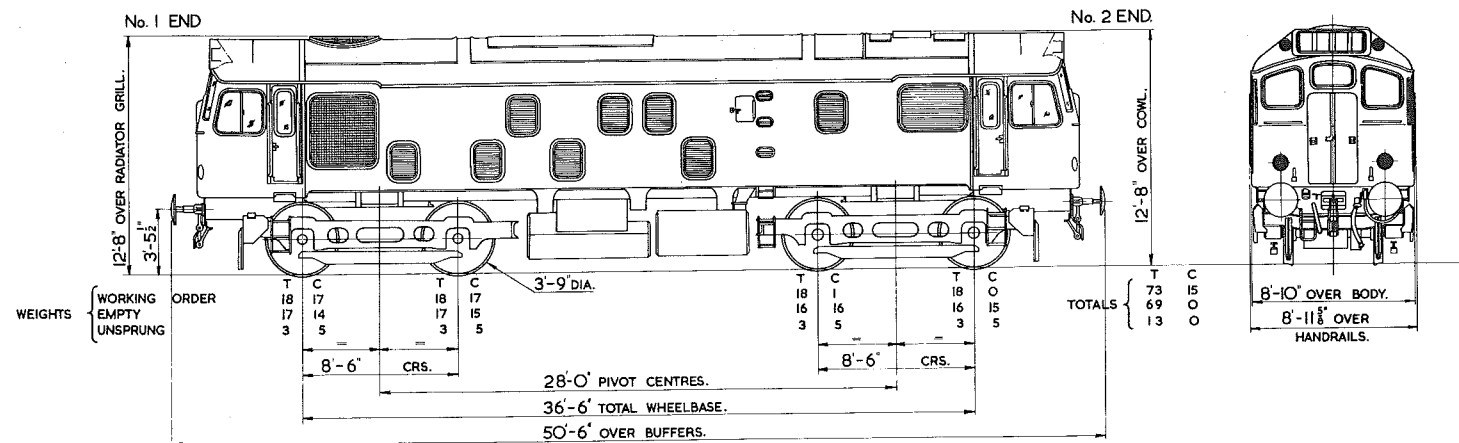
ENGINE.	MAKE & TYPE.	SULZER 6L.D.A 28-B.	BRAKING.	TYPE {	FOR LOCO.	AIR.
	No. OF CYLS & CYCLE.	6 CYL. 4 STROKE.		FOR TRAIN.		VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.		BRAKE FORCE.	{ % OF LOCO. WEIGHT	86.9 %.
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			{ IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 137 B.X.	SPEED.	MAX. PERMITTED SERVICE SPEED.		90 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING		4.5 CHAINS
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS	HORIZONTAL WITH 3/4 INS GAUGE WIDENING		3.7 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES	VERTICAL CONVEX		7 CHAINS
	MAX. TRACTIVE EFFORT.	39000 LBS. AT 24.1% ADHESION.		VERTICAL CONCAVE		7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2530 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER MAKE & TYPE		
		20800 LBS. AT 17.1 M.P.H.	EQUIPMENT	STEAMING CAPACITY		
	RAIL H.P. AT CONT. RATING.	AT 1500 AMPS. MAIN GENERATOR.		ENGINE FUEL		500 GALLONS
	FULL ENGINE OUTPUT.	949 H.P.	TANK CAPACITIES	BOILER FUEL		
		AVAILABLE BETWEEN 9.3 & 77.6 M.P.H.		BOILER WATER		

1250 H.P. BR. TYPE 2 BB. DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/O

25- b V



DEC 81

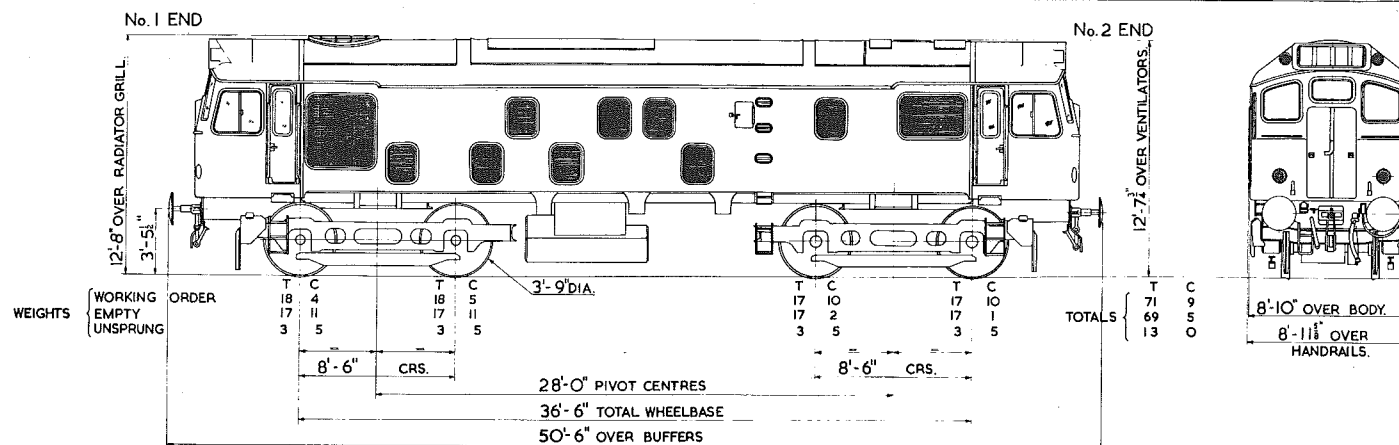


ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	85.2%
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 A.Y.	MINIMUM RADIUS. CURVES.	MAX. PERMITTED SERVICE SPEED.	90 MPH.
	No.	FOUR.			
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			
PERFORMANCE.	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.2% ADHESION	TRAIN HEATING. EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE BOILER MAKE & TYPE STEAMING CAPACITY ENGINE FUEL BOILER FUEL BOILER WATER	4.5 CHAINS 3.7 CHAINS 7 CHAINS 7 CHAINS STONE VAPOR L4610 1000LBS/HOURS 500 GALLONS 580 GALLONS
	CONT. TRACTIVE EFFORT.	AT 2,340 AMPS. MAIN GENERATOR.			
	RAIL HP AT CONT. RATING.	20,800 LBS. AT 17.1 M.P.H.			
	FULL ENGINE OUTPUT.	AT 1,300 AMPS. MAIN GENERATOR.			
		949 HP			
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.			

**1250 H.P. B.B. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 25/1**

25-1a V

DEC 81

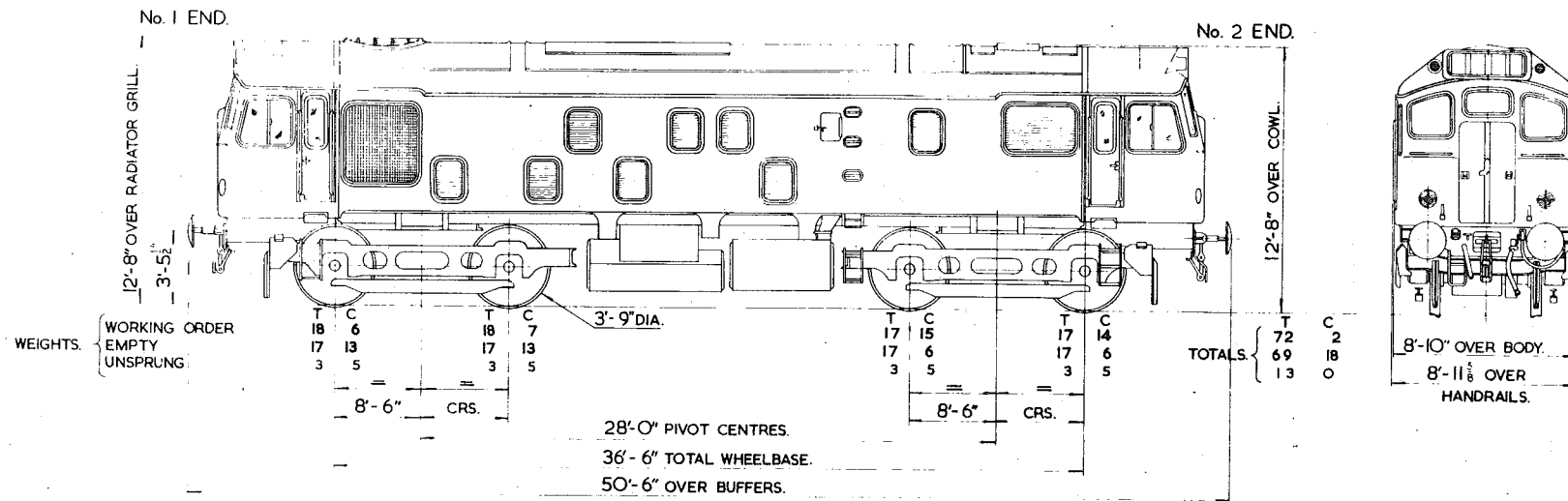


ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE.	FOR LOCO.	AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			FOR TRAIN.	VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.		BRAKE FORCE.	% OF LOCO. WEIGHT	87.9%
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 A.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.		90 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING.		4.5 CHAINS
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	HORIZONTAL WITH 3/4 INS GAUGE WIDENING.		3.7 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES.	VERTICAL CONVEX.		7 CHAINS
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 28.1% ADHESION		VERTICAL CONCAVE.		7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,340 AMPS. MAIN GENERATOR.	TRAIN HEATING.	BOILER MAKE & TYPE.		
		20,800 LBS. AT 17.1 M.P.H.	EQUIPMENT.	STEAMING CAPACITY.		
	RAIL H.P. AT CONT. RATING.	AT 1,300 AMPS. MAIN GENERATOR.		ENGINE FUEL		500 GALLONS
	FULL ENGINE OUTPUT.	949 H.P.	TANK CAPACITIES.	BOILER FUEL		
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.		BOILER WATER.		

1250 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE  
CLASS 25/1

25-1b V

DEC.1975

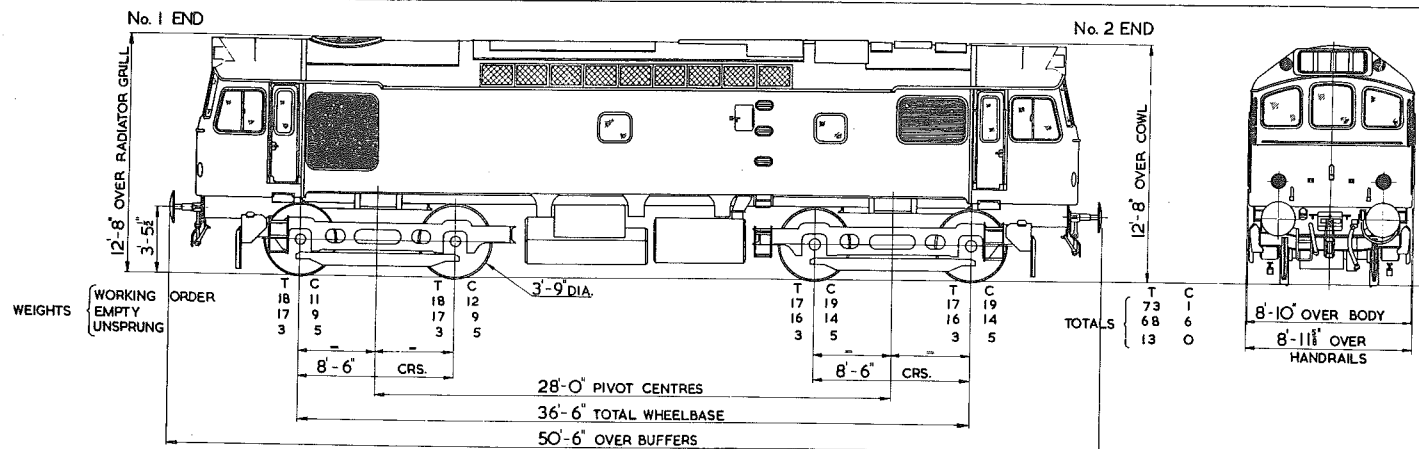


ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	87.2%.
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 AY.	MINIMUM RADIUS. CURVES.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR.			
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			
PERFORMANCE.	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.9 % ADHESION.	TRAIN HEATING. EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX VERTICAL CONCAVE. BOILER MAKE & TYPE. STEAMING CAPACITY.	4.5 CHAINS. 3.7 CHAINS. 7 CHAINS. 7 CHAINS.
	CONT. TRACTIVE EFFORT.	AT 2340 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	20,800 LBS. AT 17.1 M.P.H.			
	FULL ENGINE OUTPUT.	AT 1300 AMPS. MAIN GENERATOR.			
		949 H.P.			
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL. BOILER WATER.	500 GALLONS.

1250 HP B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/1

25-1d X

DEC 81

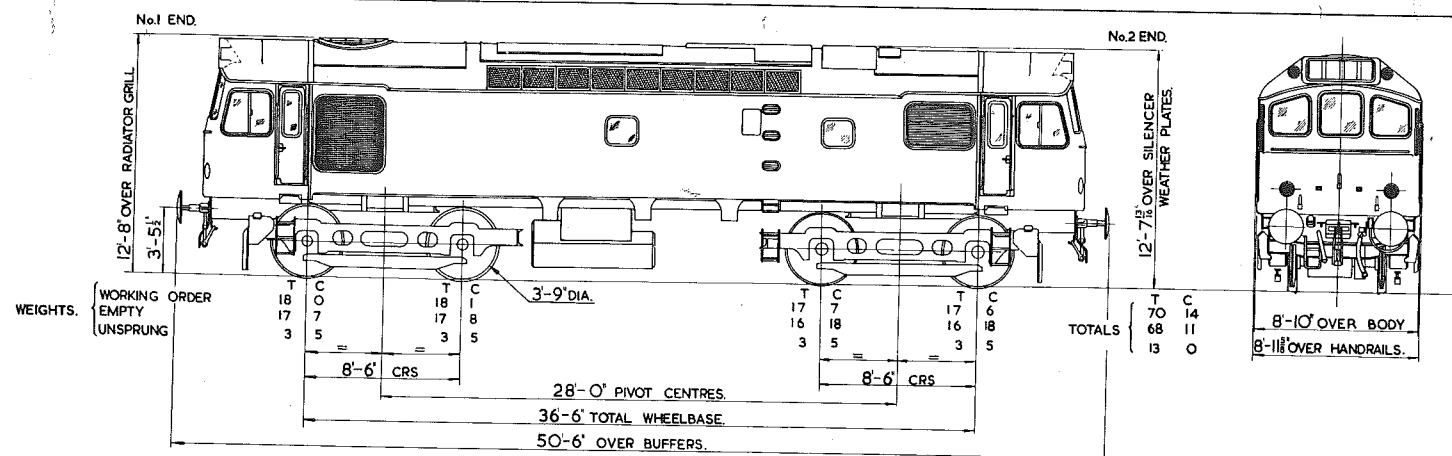


ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	TYPE.	FOR LOCO.	AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.		FOR TRAIN.	VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	BRAKING	BRAKE FORCE.	% OF LOCO. WEIGHT.
	MAKE & TYPE.	A.E.I. R.T.B. 15656.		IN WORKING ORDER.	86%
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 A.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.7 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	MINIMUM RADIUS	VERTICAL CONVEX	7 CHAINS
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.5 % ADHESION.	CURVES	VERTICAL CONCAVE	7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,340 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER MAKE & TYPE	STONE VAPOR L4610
	RAIL H.P. AT CONT. RATING.	20,800 LBS. AT 17.1 M.P.H.	EQUIPMENT.	STEAMING CAPACITY.	1000LBS/HOURS.
	FULL ENGINE OUTPUT.	AT 1,300 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	ENGINE FUEL	500 GALLONS.
		949 H.P.		BOILER FUEL	580 GALLONS.
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.		BOILER WATER	

**1250 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE**  
**CLASS 25/2**

**25-2a V**

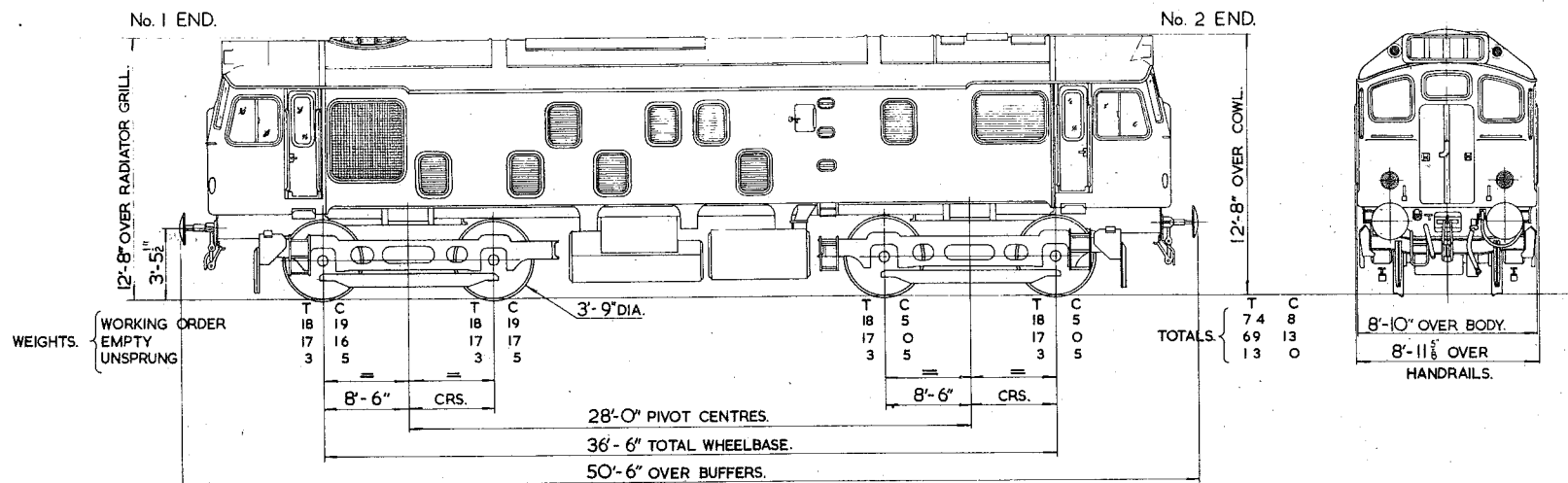
DEC 81



ENGINE	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	AIR
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			VACUUM
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 HP AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	88.6 %
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 AY.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING	4.5 CHAINS
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.7 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES.	VERTICAL CONVEX	7 CHAINS
	MAX. TRACTIVE EFFORT.	45,000 L.B. AT 28.7% ADHESION		VERTICAL CONCAVE	7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2340 AMPS. MAIN GENERATOR.	TRAIN HEATING.	BOILER MAKE & TYPE	
		20,800 L.B. AT 17.1 M.P.H.	EQUIPMENT.	STEAMING CAPACITY	
	RAIL H.P. AT CONT. RATING.	AT 1300 AMPS MAIN GENERATOR		ENGINE FUEL	500 GALLONS
	FULL ENGINE OUTPUT.	949 H.P.	TANK CAPACITIES.	BOILER FUEL	
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.		BOILER WATER	

**1250 H.P. B.R. TYPE 2. B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/2**

25-2b V

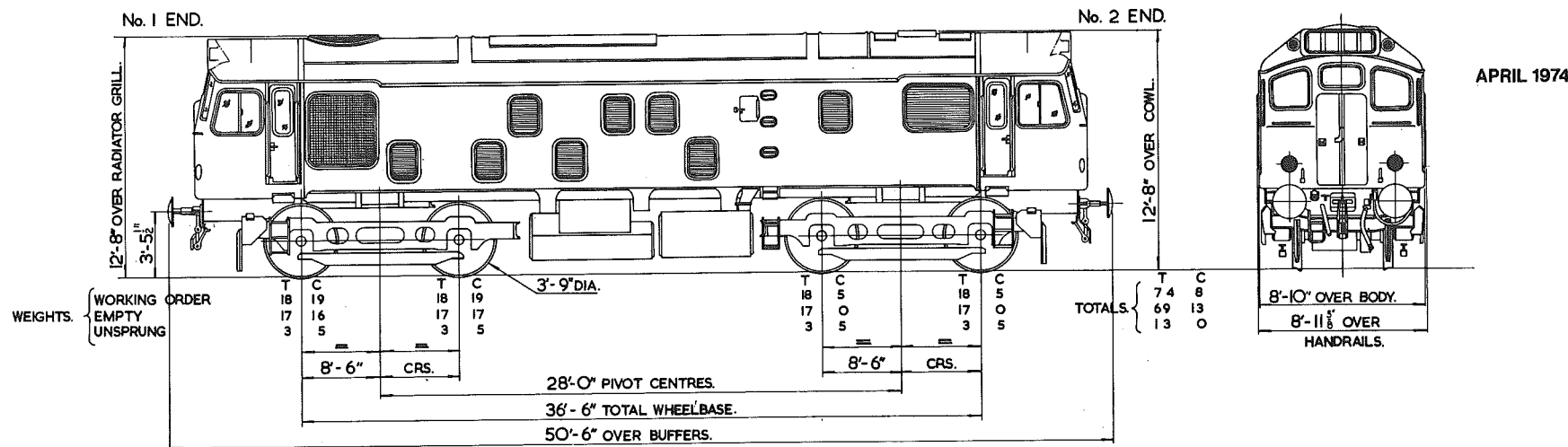


FEBRUARY 1975

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE.	{ FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.				AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.		BRAKE FORCE.	{ % OF LOCO. WEIGHT IN WORKING ORDER.	84.4 %.
MAIN GENERATOR.	MAKE & TYPE	A.E.I. R.T.B. 15656.		SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 A.Y.		MINIMUM RADIUS. CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	No.	FOUR.			HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.7 CHAINS.
	TYPE OF SUSPENSION.	NOSE.			VERTICAL CONVEX.	7 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			VERTICAL CONCAVE.	7 CHAINS.
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.0% ADHESION.		TRAIN HEATING.	BOILER MAKE & TYPE.	STONE VAPOR L4610,
PERFORMANCE.		AT 2340 AMPS. MAIN GENERATOR.		EQUIPMENT.	STEAMING CAPACITY.	1000 LBS/HOURS.
	CONT. TRACTIVE EFFORT.	20,800 LBS. AT 17.1 M.P.H.				
		AT 1300 AMPS. MAIN GENERATOR.				
	RAIL H.P. AT CONT. RATING.	949 H.P.		TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL BOILER WATER.	500 GALLONS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.				580 GALLONS.

1250 HP B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/1

25-1c X

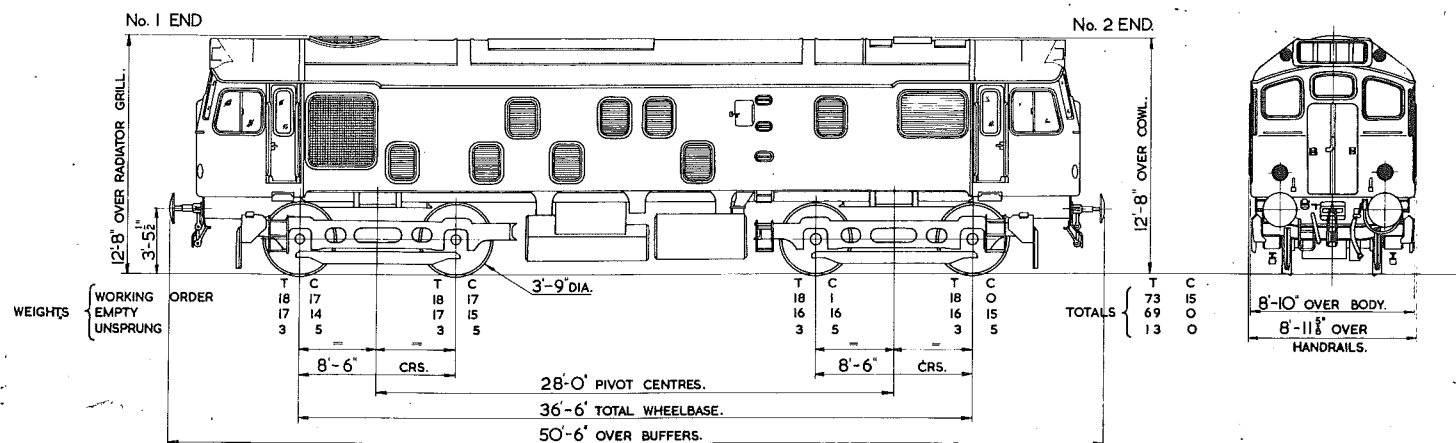


ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE. {FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	84.4 %.
MAIN GENERATOR.	MAKE & TYPE.	A.E.I. R.T.B. 15656.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	MAKE & TYPE.	A.E.I. 253 A.Y.		{ HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
TRACTION MOTORS.	No.	FOUR.		{ HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.7 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	{ VERTICAL CONVEX.	7 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES.	{ VERTICAL CONCAVE.	7 CHAINS.
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.0% ADHESION.	TRAIN HEATING.	{ BOILER MAKE & TYPE.	STONE VAPOR L4610.
		AT 2340 AMPS. MAIN GENERATOR.	EQUIPMENT.	{ STEAMING CAPACITY.	1300 LBS/HOUR\$
PERFORMANCE.	CONT. TRACTIVE EFFORT.	20,800 LBS. AT 17.1 M.P.H.			
		AT 1300 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	949 H.P.	TANK CAPACITIES.	{ (ENGINE FUEL) (BOILER FUEL) (BOILER WATER.	500 GALLONS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.			580 GALLONS.

1250 HP B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/2.

25-2c X

DEC 81



ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.
	NO. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.
	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.
MAIN GENERATOR.	MAKE & TYPE.	A.E.I. R.T.B. 15656.
	MAKE & TYPE.	A.E.I. 253 A.Y.
TRACTION MOTORS.	No.	FOUR.
	TYPE OF SUSPENSION.	NOSE.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.2% ADHESION.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,340 AMPS. MAIN GENERATOR.
	RAIL HP AT CONT. RATING.	20,800 LBS. AT 17.1 M.P.H.
	FULL ENGINE OUTPUT.	AT 1300 AMPS. MAIN GENERATOR.
		949 H.P.
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.

BRAKING.	TYPE.	FOR LOCO.
		FOR TRAIN.
	BRAKE FORCE.	% OF LOCO. WEIGHT
		IN WORKING ORDER.
SPEED.	MAX. PERMITTED SERVICE SPEED.	
MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	
CURVES.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	
	VERTICAL CONVEX	
	VERTICAL CONCAVE	
TRAIN HEATING	BOILER MAKE & TYPE	
EQUIPMENT.	STEAMING CAPACITY	
TANK CAPACITIES	ENGINE FUEL	
	BOILER FUEL	
	BOILER WATER	

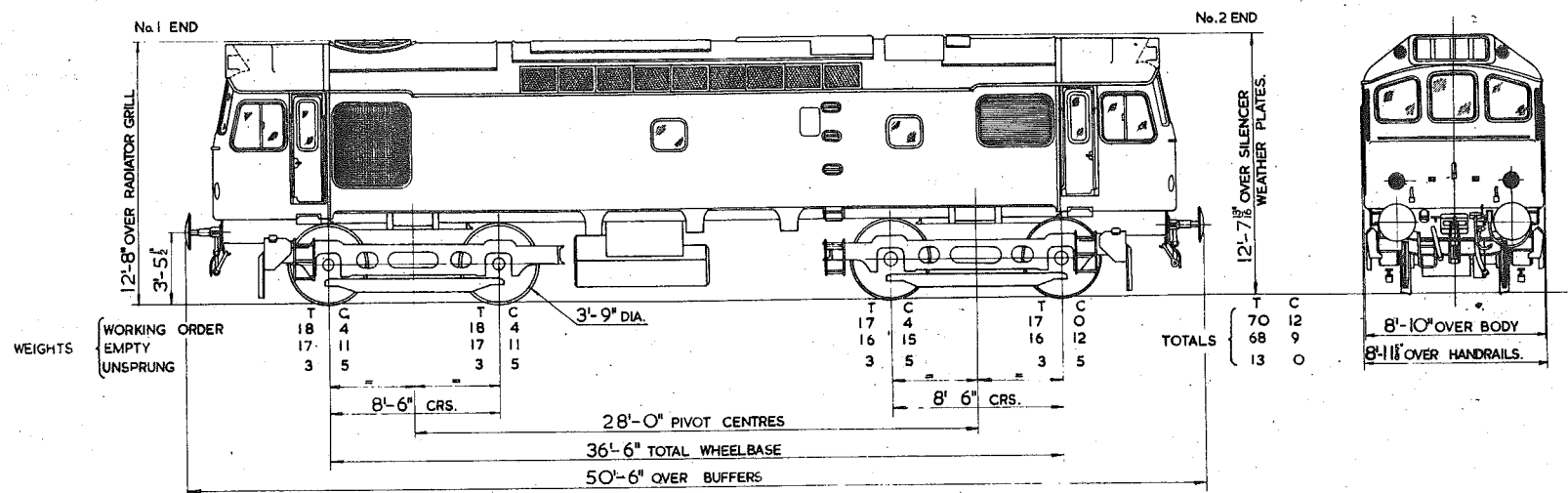
AIR.	
VACUUM.	
85.2%	
90 M.P.H.	
4.5 CHAINS	
3.7 CHAINS	
7 CHAINS	
7 CHAINS	
STONE VAPOR	14.610
1000 LBS/HOURS	
500 GALLONS	
580 GALLONS	

1250 H.P. B.B. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 25/2

25 - 2d V





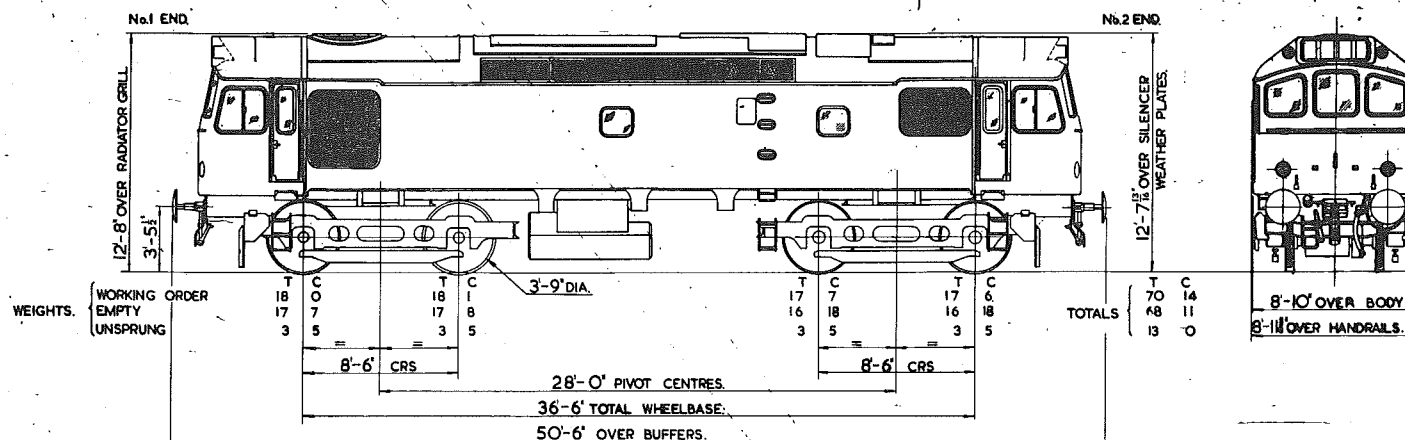
FEBRUARY 1976

ENGINE	MAKE & TYPE	SULZER 6 L.D.A. 28 B.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT-AIR & AUTO. AUTO-AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	89%
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			
TRACTION MOTORS	MAKE & TYPE.	A.E.I. 253 A.Y.	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR.			
PERFORMANCE.	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING EQUIPMENT	HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	4.5 CHAINS. 3.7 CHAINS. 7 CHAINS 7 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			
	MAX. TRACTIVE EFFORT.	45,000 LB. AT 28.5% ADHESION	TANK CAPACITIES	BOILER MAKE & TYPE. STEAMING CAPACITY	
	CONT. TRACTIVE EFFORT.	AT 2340 AMPS MAIN GENERATOR 20,800 LB. AT 17.1 M.P.H.			
	RAIL H.P. AT CONT. RATING.	AT 1300 AMPS MAIN GENERATOR 949 H.P.		ENGINE FUEL BOILER FUEL BOILER WATER	500 GALLONS
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.			

1250 H.P. B.R. TYPE 2. B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/2

25-2e X

DEC 81

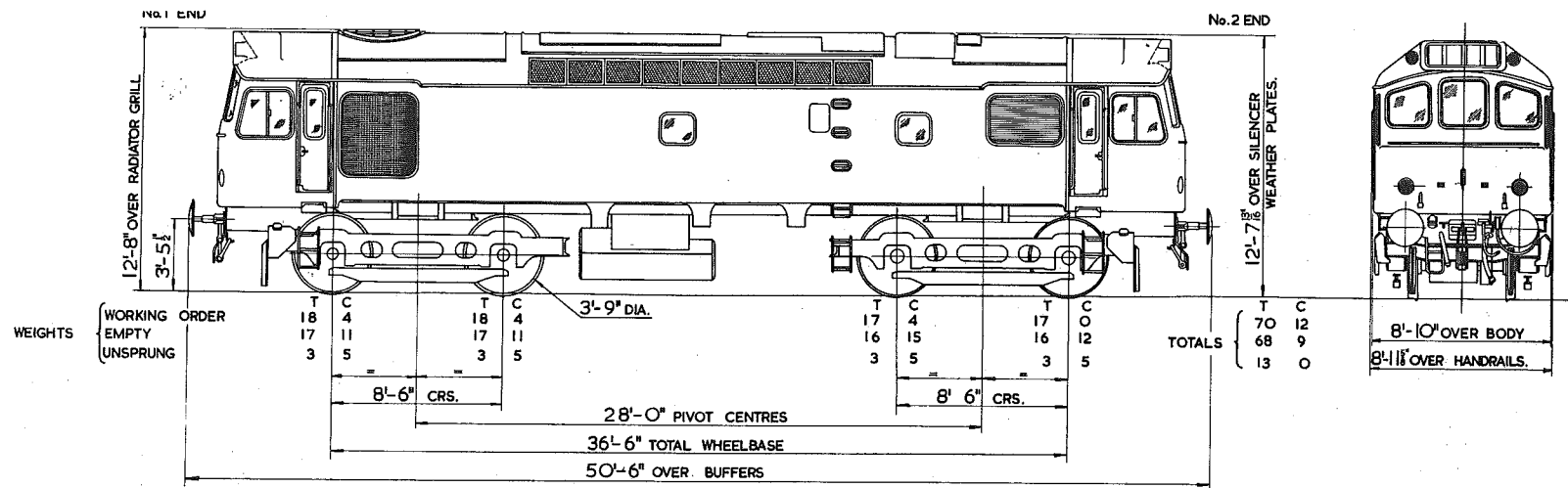


ENGINE	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 HP AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	88.6%
	MAKE & TYPE.	A.E.I. R.T.B. 15656.			
TRACTION MOTORS.	No.	A.E.I. 253 A.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	TYPE OF SUSPENSION.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS
	TYPE OF GEAR DRIVE.	NOSE.	MINIMUM RADIUS CURVES.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.7 CHAINS
	MAX. TRACTIVE EFFORT.	SINGLE REDUCTION.		VERTICAL CONVEX.	7 CHAINS
		45,000 L.B. AT 28.7% ADHESION		VERTICAL CONCAVE.	7 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2340 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE.	
		20,800 L.B. AT 17.1 M.P.H.		STEAMING CAPACITY.	
	RAIL H.P. AT CONT. RATING.	AT 1300 AMPS MAIN GENERATOR	TANK CAPACITIES.	ENGINE FUEL.	500 GALLONS
	FULL ENGINE OUTPUT.	949 H.P.		BOILER FUEL.	
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.		BOILER WATER.	

1250 H.P. B.R. TYPE 2. B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/3

25 - 3a V

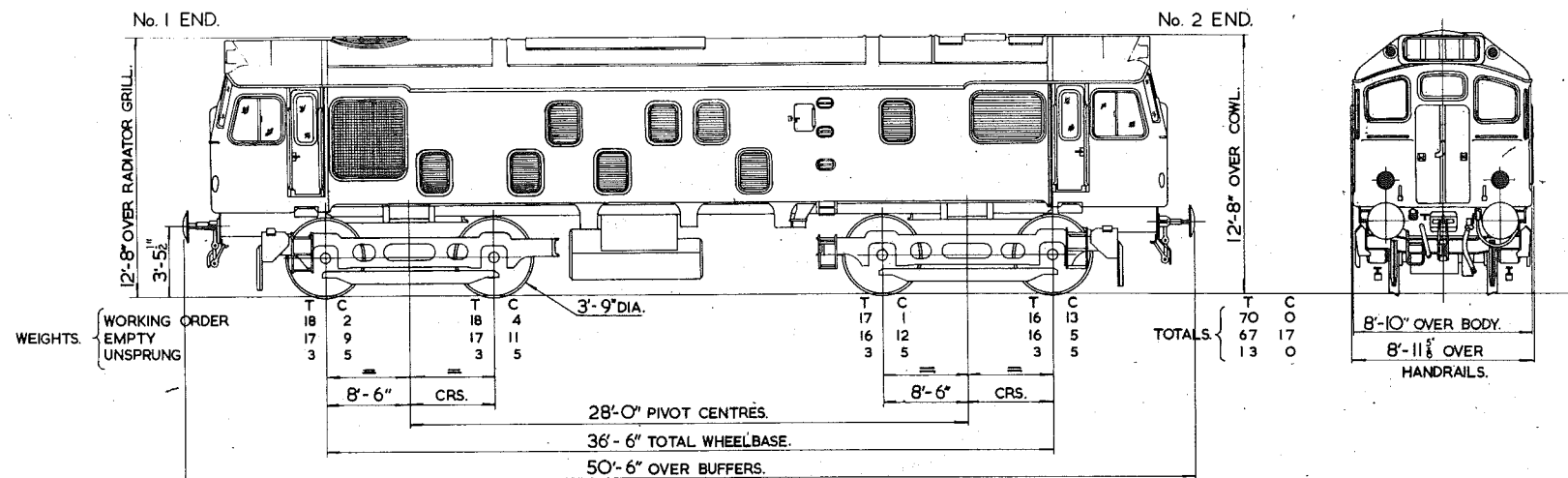
APRIL 1974



ENGINE	MAKE & TYPE	SULZER 6 L.D.A. 28 B.	BRAKING.	TYPE	FOR LOCO.	STRAIGHT-AIR & AUTO. AIR.		
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.			FOR TRAIN.	AUTO. AIR & AIR CONT. VAC.		
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE.	% OF LOCO. WEIGHT IN WORKING ORDER.	89%		
	MAKE & TYPE.	A.E.I. R.T.B. 15656.						
TRACTION MOTORS	MAKE & TYPE.	A.E.I. 253 AY.	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.	4.5 CHAINS.		
	No.	FOUR.						
	TYPE OF SUSPENSION.	NOSE.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING				3.7 CHAINS.	
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.						
PERFORMANCE.	MAX. TRACTIVE EFFORT.	45000 LB. AT 28.5% ADHESION	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE.	STEAMING CAPACITY	7 CHAINS		
	CONT. TRACTIVE EFFORT.	AT 2,340 AMPS MAIN GENERATOR.						
	RAIL H.P. AT CONT. RATING.	20,800 LB. AT 17.1 M.P.H.	TANK CAPACITIES				ENGINE FUEL	500 GALLONS
	FULL ENGINE OUTPUT.	AT 1,300 AMPS MAIN GENERATOR						
		949 H.P.	BOILER WATER					
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.						

1250 H.P. B.R. TYPE 2. B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/3

25-3b X



FEBRUARY 1975

ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28-B.	BRKING.	TYPE.	FOR LOCO.	STRAIGHT AIR & AUTO AIR
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.		FOR TRAIN.	FOR TRAIN.	AUTO AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.		BRAKE FORCE.	% OF LOCO WEIGHT.	90-2%.
MAIN GENERATOR.	MAKE & TYPE.	A.E.I. R.T.B. 15656.			IN WORKING ORDER.	
	MAKE & TYPE.	A.E.I. 253 A.Y.	SPEED.		MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	No.	FOUR.			HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.			HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.7 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	MINIMUM RADIUS.		VERTICAL CONVEX.	7 CHAINS.
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 28.7% ADHESION.	CURVES.		VERTICAL CONCAVE.	7 CHAINS.
		AT 2340 AMPS. MAIN GENERATOR.	TRAIN HEATING.		BOILER MAKE & TYPE.	
PERFORMANCE.	CONT. TRACTIVE EFFORT.	20,800 LBS. AT 17.1 M.P.H.	EQUIPMENT.		STEAMING CAPACITY.	
		AT 1300 AMPS. MAIN GENERATOR.			ENGINE FUEL.	500 GALLONS.
	RAIL H.P. AT CONT. RATING.	949 H.P.			BOILER FUEL.	
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.	TANK CAPACITIES.		BOILER WATER.	

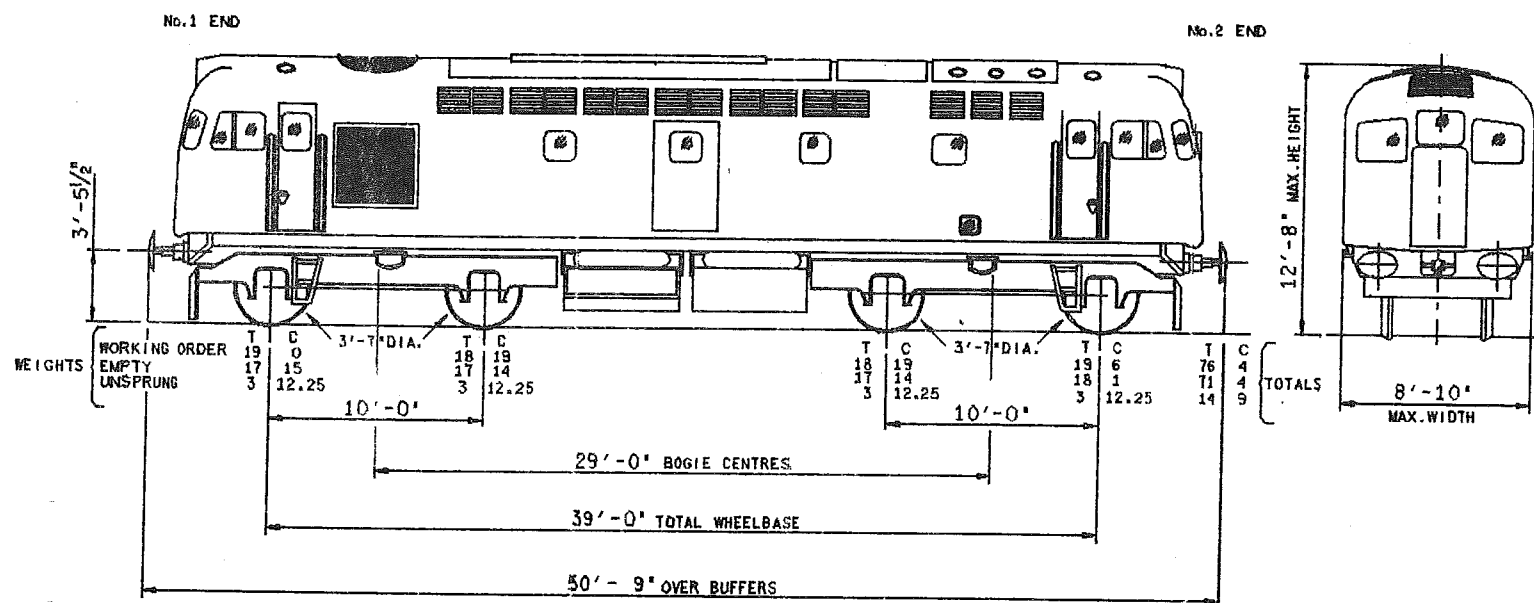
1250 HP B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25/2.

25-21 X

# 1160 H.P.B.R.C.W.TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 26/1

26-1c X



## ENGINE

## MAIN GENERATOR

## TRACTION MOTORS

## PERFORMANCE

## DATA PANEL

MAKE & TYPE	SULZER 6LDA 28
No. OF CYLS. & CYCLE	6 CYLS.4 STROKE
MAX.CONT.RATED OUTPUT	1160 H.P.AT 750 R.P.M.
MAKE & TYPE	CROMPTON PARKINSON CG391A1
MAKE & TYPE	CROMPTON PARKINSON C171D3
No	FOUR.
TYPE OF SUSPENSION	NOSE.
TYPE OF GEAR DRIVE	SINGLE REDUCTION.
MAX TRACTIVE EFFORT	42,000LB.AT 24.6% ADHESION
CONT.TRACTIVE EFFORT	AT 2240 AMPS.MAIN GENERATOR
RAIL H.P.AT CONT.RATING	30,000LB.AT 11.25M.P.H.
FULL ENGINE OUTPUT	AT 1720 AMPS.MAIN GENERATOR
WEIGHT	900 H.P.
BRAKE FORCE	AVAILABLE BETWEEN 7 & 75M.P.H.
E.T.H.INDEX	73 TONNES
ROUTE AVAILABILITY	35 TONNES
MAX.SPEED	-
	5
	80 M.P.H.

## BRAKING

## MULTIPLE WORKING

## MINIMUM RADIUS CURVES

## TRAIN HEATING EQUIPMENT

## TANK CAPACITIES

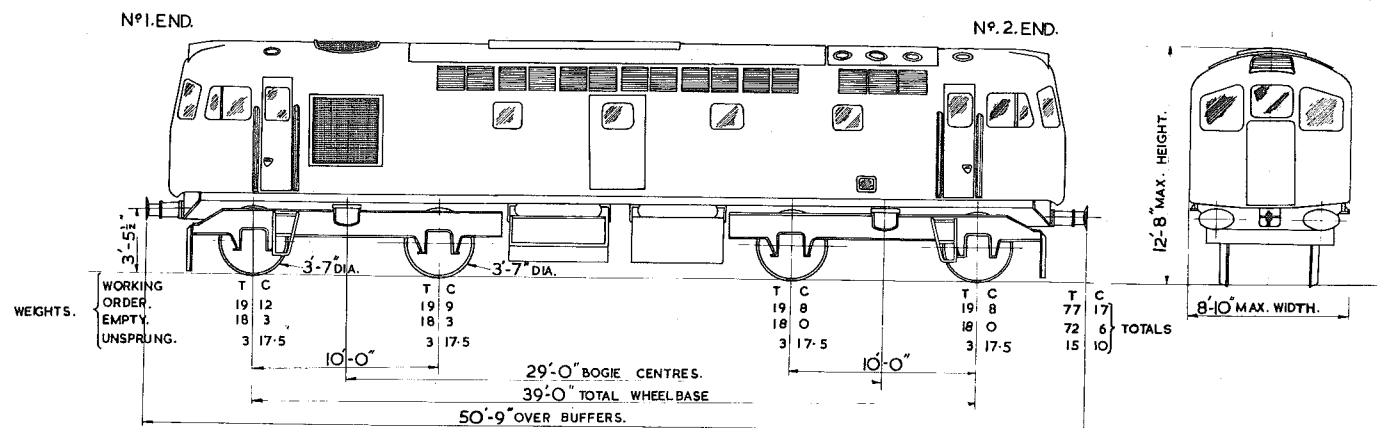
TYPE	FOR LOCO
	FOR TRAIN
BRAKE FORCE	% OF LOCO WEIGHT
	IN WORKING ORDER
Coupling Symbol	
HORIZONTAL WITHOUT GAUGE WIDENING	
HORIZONTAL WITH 1/4INS.GAUGE WIDENING	
VERTICAL CONVEX	
VERTICAL CONCAVE	
BOILER MAKE & TYPE	
STEAMING CAPACITY	
ENGINE FUEL	
BOILER FUEL	
BOILER WATER	

STRAIGHT AIR & AUTO AIR  
AUTO AIR & AIR CONT VAC

75.4%

BLUE STAR  
5 CHAINS  
4.4 CHAINS  
11 CHAINS  
11 CHAINS.  
STONE VAPOR  
1750 LB/HOUR  
500 GALLS.  
100 GALLS  
450 GALLS

OCT 1984



ENGINE.	MAKE & TYPE. N° OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6LDA28. 6 CYLS. 4. STROKE. 1160.HP AT 750.R.P.M.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM
MAIN GENERATOR.	MAKE & TYPE. MAKE & TYPE.	CROMPTON PARKINSON CG391A1. CROMPTON PARKINSON C171A1.			BRAKE FORCE { %OF LOCO WEIGHT. IN WORKING ORDER.
TRACTION MOTORS.	N° TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 42,000LB. AT 23 %ADHESION. AT 2240 AMPS. MAIN GENERATOR.	SPEED.	MAX. PERMITTED SERVICE SPEED	80M.P.H.
			MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
			CURVES	HORIZONTAL WITH $\frac{3}{4}$ INS. GAUGE WIDENING	4-4 CHAINS
				VERTICAL CONVEX	11 CHAINS
PERFORMANCE.			TRAIN HEATING	VERTICAL CONCAVE	11 CHAINS
	CONT. TRACTIVE EFFORT.	30,000 LB. AT 11.25 M.P.H.	EQUIPMENT	BOILER MAKE & TYPE	STONE VAPOR
		AT 1,720 AMPS. MAIN GENERATOR.		STEAMING CAPACITY	1750 LB/HOUR
	RAIL HP AT CONT. RATING.	900 H.P.	TANK CAPACITIES.	ENGINE FUEL.	500 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7 & 75 M.P.H.		BOILER FUEL.	100 GALLS.
				BOILER WATER	550 GALLS.

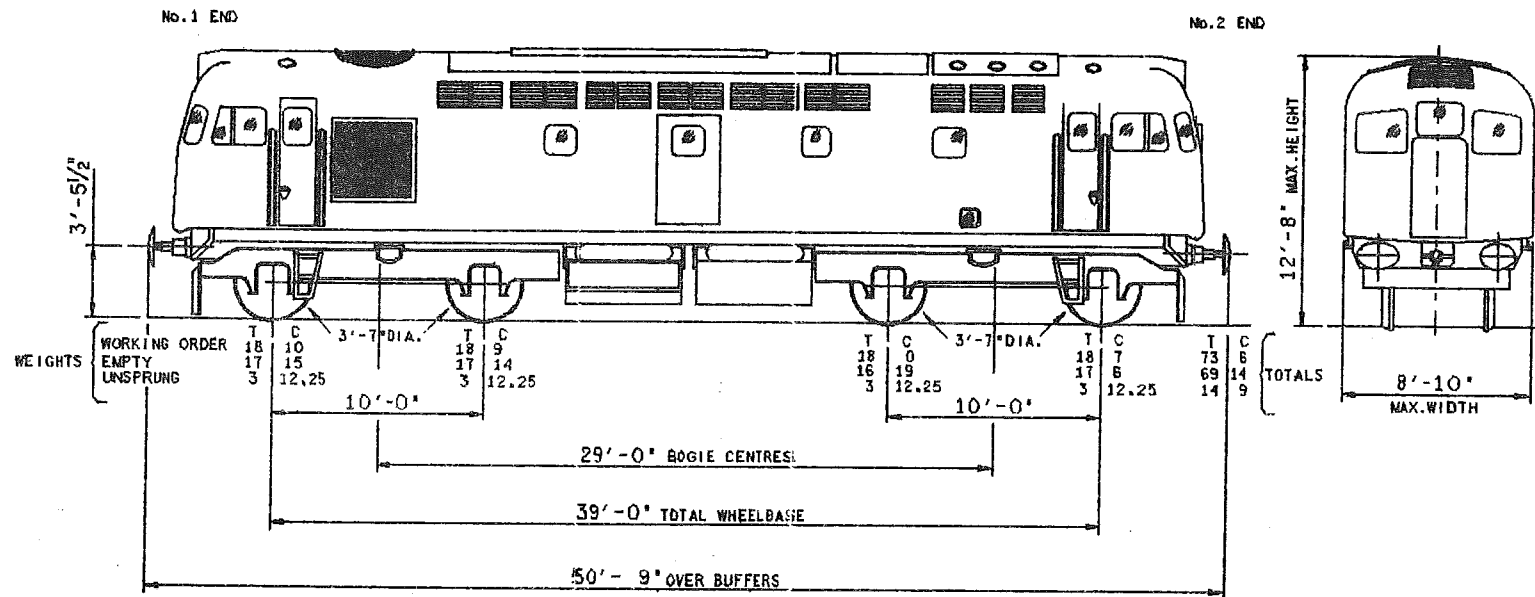
**1160 H.P. B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 26/O**

**26-b** **V**

# 1160 H.P.B.R.C.W.TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 26/1

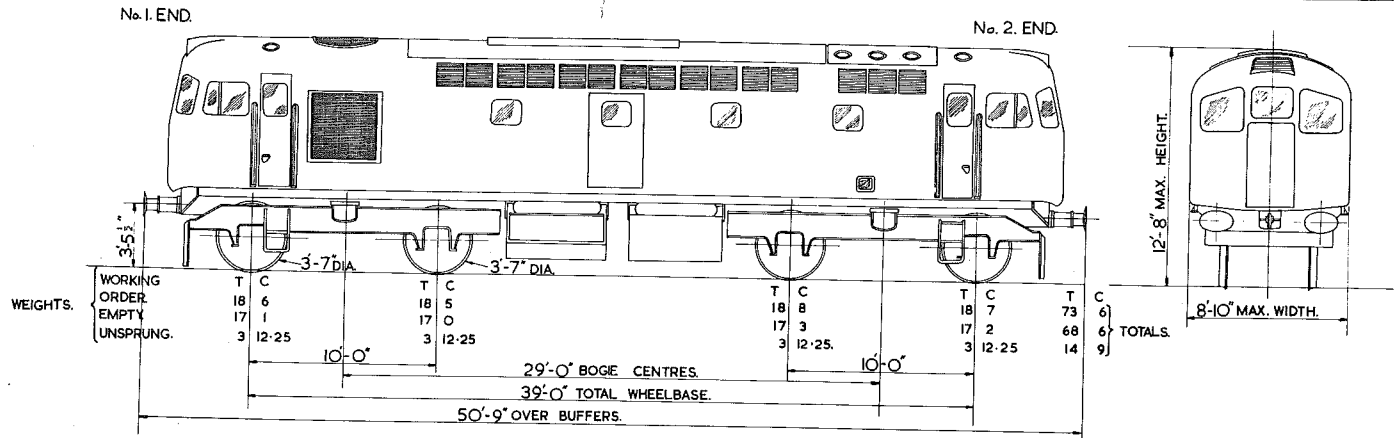
26-1d X



ENGINE	MAKE & TYPE No. OF CYLS. & CYCLE MAX. CONT. RATED OUTPUT	SULZER 6LDA 28 6 CYLS. 4 STROKE 1160 H.P. AT 750 R.P.M.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO AIR AUTO AIR & AIR CONT VAC
MAIN GENERATOR	MAKE & TYPE	CROMPTON PARKINSON C6391A1		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	78.5%
TRACTION MOTORS	MAKE & TYPE No. TYPE OF SUSPENSION TYPE OF GEAR DRIVE MAX TRACTIVE EFFORT	CROMPTON PARKINSON C171D3 FOUR. NOSE. SINGLE REDUCTION. 42,000LB. AT 25.6% ADHESION AT 2240 AMPS. MAIN GENERATOR 30,000LB. AT 11.25M.P.H. AT 1720 AMPS. MAIN GENERATOR	MULTIPLE WORKING	COUPLING SYMBOL	BLUE STAR
PERFORMANCE	CONT. TRACTIVE EFFORT RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT	900 H.P. AVAILABLE BETWEEN 7' & 75M.P.H.	MINIMUM RADIUS CURVES	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 1/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	5 CHAINS 4.4 CHAINS 11 CHAINS 11 CHAINS.
DATA PANEL	WEIGHT BRAKE FORCE E.T.H. INDEX ROUTE AVAILABILITY MAX. SPEED	73 TONNES 35 TONNES - 5 80 M.P.H.	TRAIN HEATING EQUIPMENT		NOT FITTED
			TANK CAPACITIES	ENGINE FUEL	500 GALLS.

OCT 1984

DEC 81



ENGINE.	MAKE & TYPE.	SULZER 6LDA28.	BRAKING.	TYPE	FOR LOCO.	AIR
	No OF CYLS. & CYCLE.	6 CYLS. 4. STROKE.			FOR TRAIN.	
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1160.H.P AT 750 R.P.M.	SPEED.	BRAKE FORCE.	% OF LOCO WEIGHT.	VACUUM.
	MAKE & TYPE.	CROMPTON PARKINSON CG391A1			IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	CROMPTON PARKINSON C171D3.	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.	HORIZONTAL WITHOUT GAUGE WIDENING	BOM.P.H.
	No.	FOUR.				
	TYPE OF SUSPENSION.	NOSE.				
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	VERTICAL CONVEX	4-4 CHAINS
	MAX. TRACTIVE EFFORT.	42,000 LB. AT 23% ADHESION.				
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2240 AMPS. MAIN GENERATOR.	TANK CAPACITIES	BOILER MAKE & TYPE	STEAMING CAPACITY	11 CHAINS
	RAIL HP. AT CONT. RATING.	30,000 L.B. AT 11-25 M.P.H.				
	FULL ENGINE OUTPUT.	AT 1720 AMPS. MAIN GENERATOR.				
		900 H.P.				
		AVAILABLE BETWEEN 7 & 75 MPH.		ENGINE FUEL.	500 GALLS.	STONE VAPOR
				BOILER FUEL.	1750 LB/HOUR	
				BOILER WATER.	100 GALLS.	
					450 GALLS.	

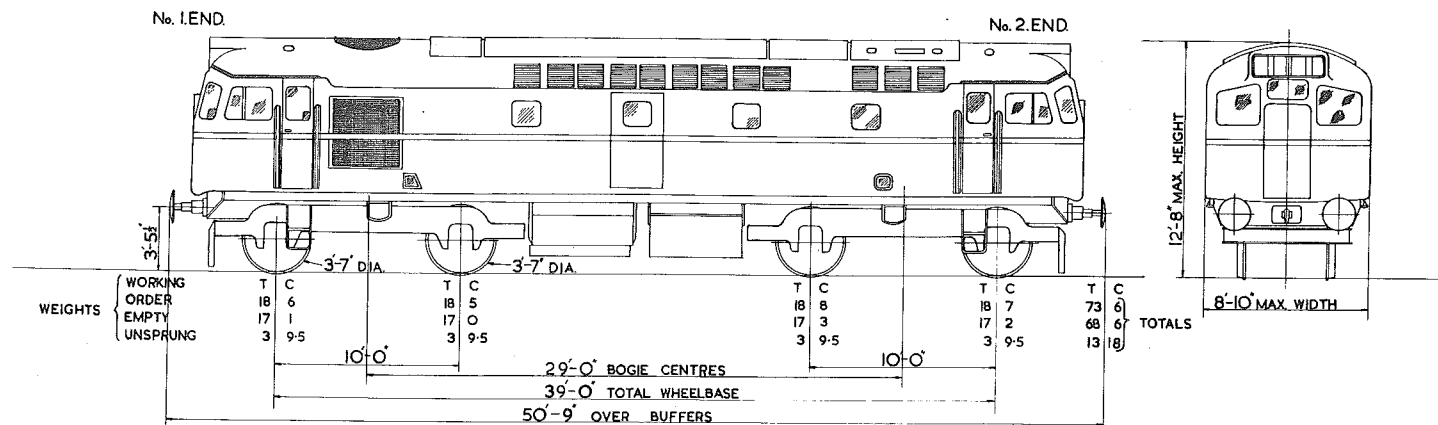
1160 H.P. B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE  
CLASS 26/1

26-1a V

T.B. 500112



DEC 81



ENGINE.	MAKE & TYPE.	SULZER 6LDA 28B.	BRAKING.	TYPE FOR LOCO.	AIR VACUUM.
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.		FOR TRAIN.	
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 RPM.		BRAKE FORCE % OF LOCO WEIGHT.	78.6%
	MAKE & TYPE.	GEC. W.T. 981.		IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	GEC. W.T. 459.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR.			5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	4.4 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	11 CHAINS
	MAX. TRACTIVE EFFORT.	40000 LB. AT 24% ADHESION.		VERTICAL CONVEX	11 CHAINS
		AT 2800 AMPS. MAIN GENERATOR.	TRAIN HEATING	VERTICAL CONCAVE	STONE VAPOR
PERFORMANCE.	CONT. TRACTIVE EFFORT.	25000 LB. AT 14 M.P.H.	EQUIPMENT	BOILER MAKE & TYPE	1750 LB/HOUR
		AT 1940 AMPS. MAIN GENERATOR.		STEAMING CAPACITY	500 GALLS.
	RAIL H.P. AT CONT. RATING.	933 H.P.	TANK CAPACITIES.	ENGINE FUEL.	100 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.5 & 80 M.P.H.		BOILER FUEL.	450 GALLS.
				BOILER WATER.	

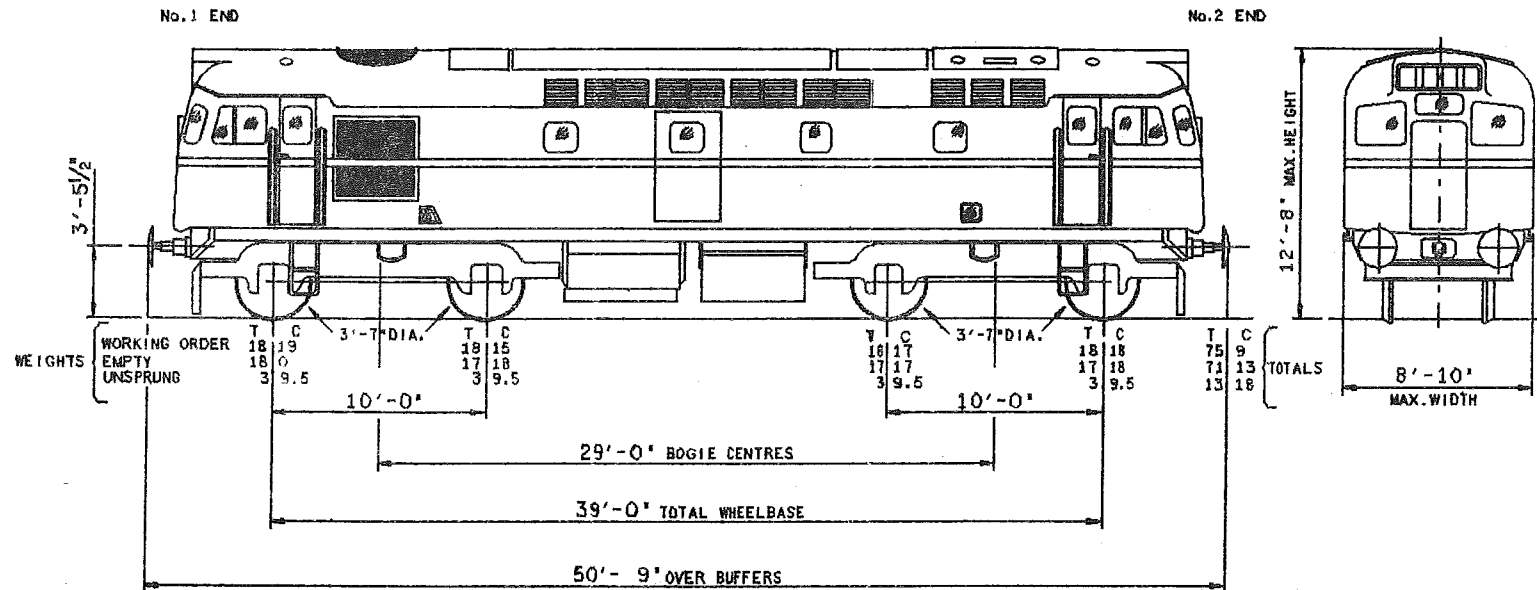
1250 HP BRCW TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 27/0

27-a V

# 1250 H.P.B.R.C.W.TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 27/0

27-0d X



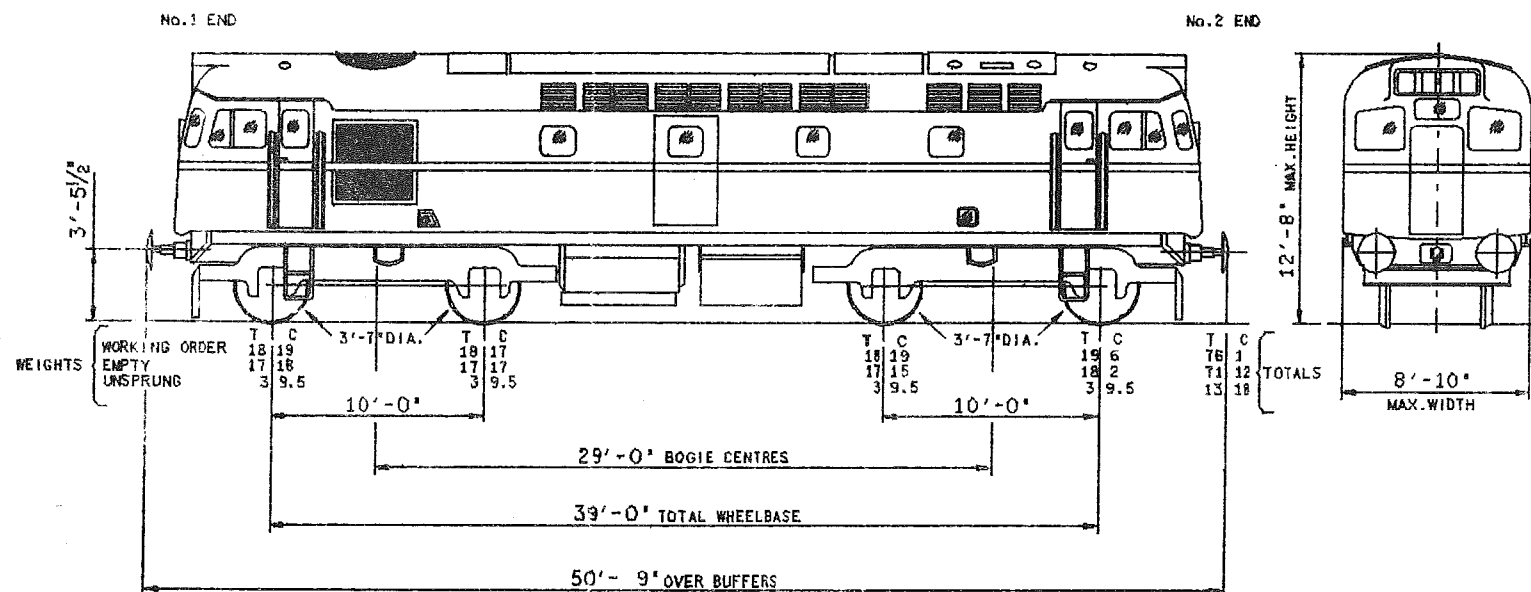
ENGINE	MAKE & TYPE	SULZER 6LDA 28B	TYPE	FOR LOCO	STRAIGHT AIR & AUTO.AIR
	NO. OF CYLS. & CYCLE	6 CYLS.4 STROKE		FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	1250 H.P.AT 750 R.P.M.	BRAKE FORCE	{ % OF LOCO WEIGHT	78.9%
	MAKE & TYPE	G.E.C. W.T.981		IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	G.E.C. W.T.459	MULTIPLE WORKING	COUPLING SYMBOL	BLUE STAR
	NO	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	HORIZONTAL WITH 1/4INS.GAUGE WIDENING	4.4 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION.	CURVES	VERTICAL CONVEX	11 CHAINS
	MAX TRACTIVE EFFORT	40,000LB.AT 22.3% ADHESION		VERTICAL CONCAVE	11 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 2800 AMPS.MAIN GENERATOR	TRAIN HEATING		NOT FITTED
		25,000LB.AT 14 M.P.H.	EQUIPMENT		
		AT 1940 AMPS.MAIN GENERATOR			
	RAIL H.P.AT CONT.RATING	933 H.P.	TANK CAPACITIES	ENGINE FUEL	970 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 7.5 & 80MPH			
DATA PANEL	WEIGHT	73 TONNES			
	BRAKE FORCE	35 TONNES			
	E.T.H.INDEX	-			
	ROUTE AVAILABILITY	5.			
	MAX.SPEED	90 M.P.H.			

OCT 1984

# 1250 H.P.B.R.C.W.TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 27/0

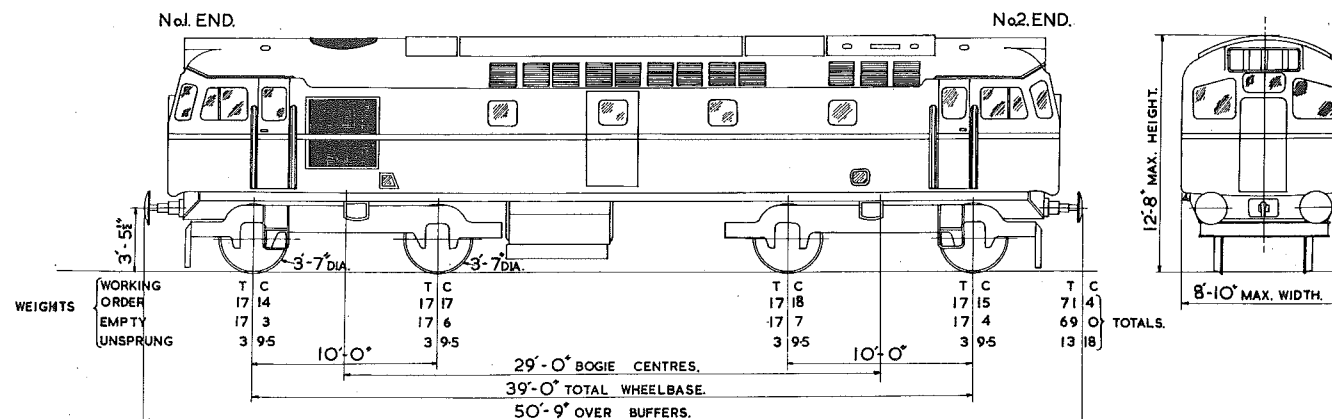
27-0e X



ENGINE	MAKE & TYPE	SULZER 6LDA 28B	TYPE	FOR LOCO	STRAIGHT AIR & AUTO.AIR
	No. OF CYLS. & CYCLE	6 CYLS.4 STROKE		FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	1250 H.P.AT 750 R.P.M.	BRAKE FORCE	% OF LOCO WEIGHT	78.3%
	MAKE & TYPE	G.E.C. W.T.981		IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	G.E.C. W.T.459	MULTIPLE WORKING	COUPLING SYMBOL	BLUE STAR
	No	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	HORIZONTAL WITH 1/4INS.GAUGE WIDENING	4.4 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION.	CURVES	VERTICAL CONVEX	11 CHAINS
	MAX TRACTIVE EFFORT	40,000LB.AT 23.5% ADHESION		VERTICAL CONCAVE	11 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 2800 AMPS.MAIN GENERATOR	TRAIN HEATING	BOILER MAKE & TYPE	STONE VAPOR
		25,000LB.AT 14 M.P.H.	EQUIPMENT	STEAMING CAPACITY	1750LB./HOUR
		AT 1940 AMPS.MAIN GENERATOR		ENGINE FUEL	685 GALLS.
	RAIL H.P.AT CONT.RATING	933 H.P.	TANK CAPACITIES	BOILER FUEL	100 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 7.5 & 80MPH		BOILER WATER	300 GALLS.
DATA PANEL	WEIGHT	73 TONNES			
	BRAKE FORCE	35 TONNES			
	E.T.H. INDEX	-			
	ROUTE AVAILABILITY	5.			
	MAX.SPEED	90 M.P.H.			

OCT 1984

DEC 81



ENGINE.	MAKE & TYPE.	SULZER 6LDA28B.			
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250HP. AT 750 R.P.M.			
	MAKE & TYPE.	G.E.C. WT981.	BRAKING.	TYPE { FOR LOCO.	AIR.
	MAKE & TYPE.	G.E.C. WT459.		FOR TRAIN.	VACUUM.
TRACTION MOTORS.	No.	FOUR.		BRAKE FORCE { % OF LOCO WEIGHT.	81%.
	TYPE OF SUSPENSION.	NOSE.		IN WORKING ORDER.	
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	SPEED.	MAX PERMITTED SERVICE SPEED.	90 M.P.H.
	MAX. TRACTIVE EFFORT.	40000 LB. AT 25% ADHESION		HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
		AT 2800 AMPS MAIN GENERATOR.	MINIMUM RADIUS	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	4.4 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	25000 LB. AT 14 M.P.H.	CURVES.	VERTICAL CONVEX.	11 CHAINS
	RAIL H.P. AT CONT. RATING.	AT 1940 AMPS MAIN GENERATOR.		VERTICAL CONCAVE.	11 CHAINS
	FULL ENGINE OUTPUT.	933 HP.	TRAIN HEATING	BOILER MAKE & TYPE	NOT FITTED
		AVAILABLE BETWEEN 7.5 & 80 M.P.H.	EQUIPMENT.	STEAMING CAPACITY.	
			TANK CAPACITIES	ENGINE FUEL.	500 GALLS
				AUX FUEL	100 GALLS

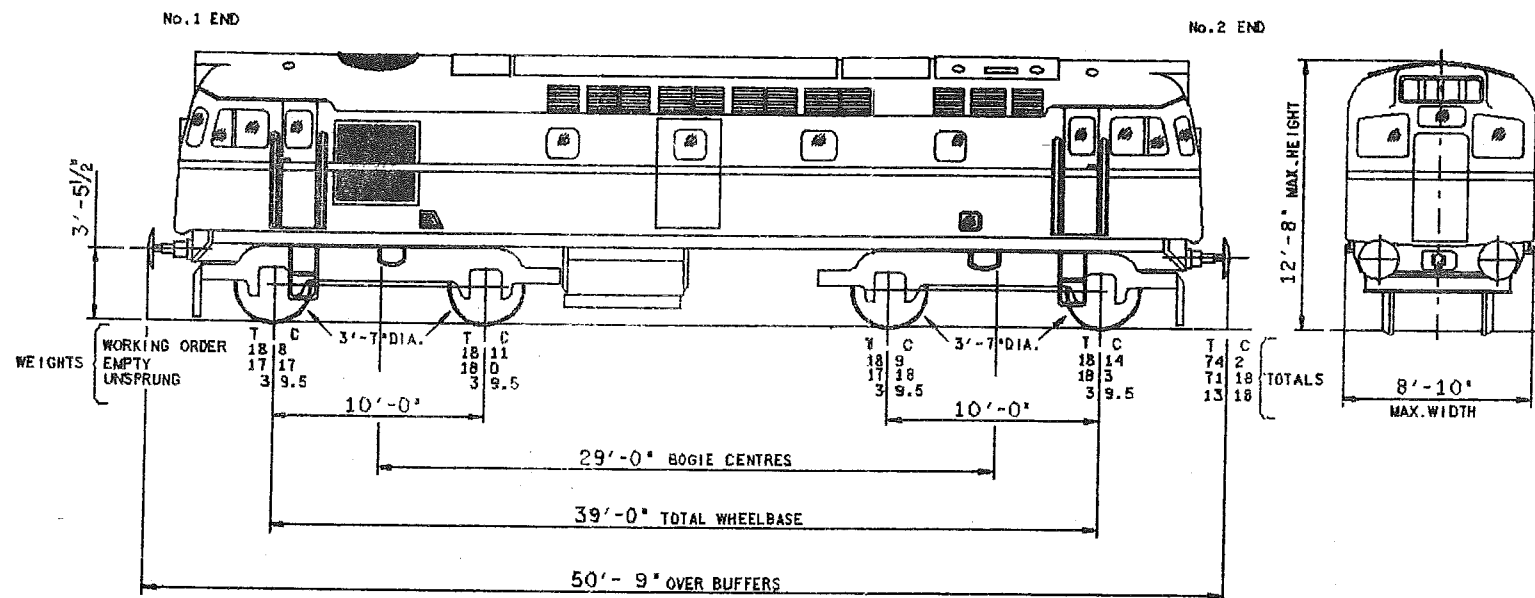
1250 H.P. BRCW TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 27/0

27-b V

# 1250 H.P.B.R.C.W.TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

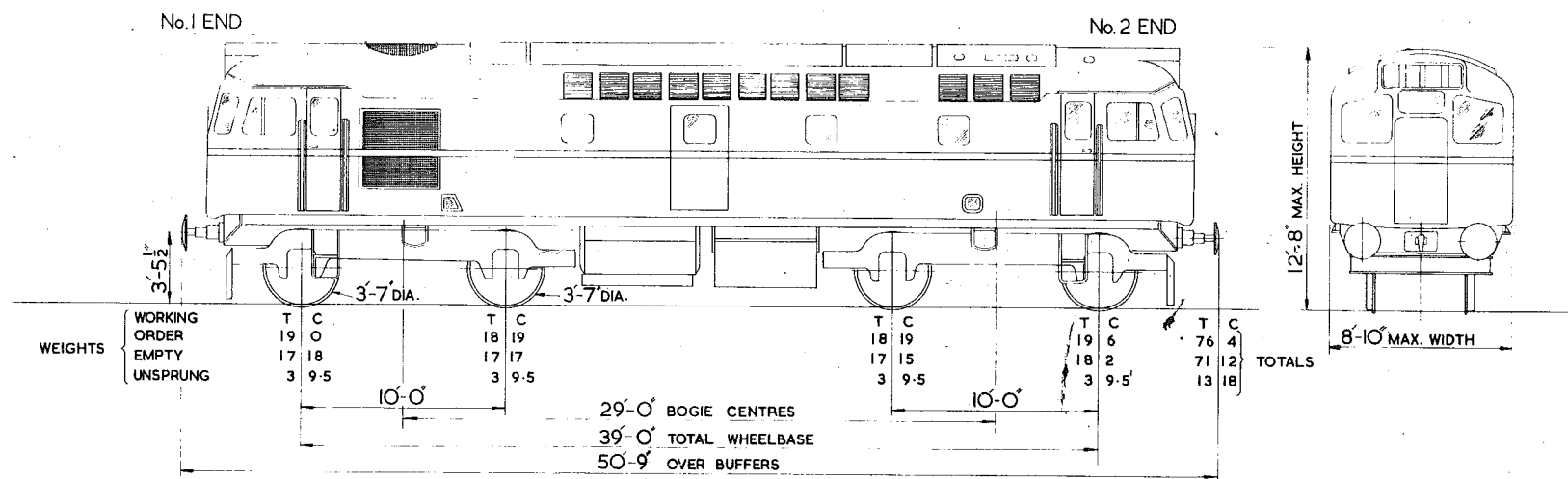
CLASS 27/0

27-Of X



ENGINE	MAKE & TYPE	SULZER 6LDA 28B	TYPE	FOR LOCO	STRAIGHT AIR & AUTO.AIR
	No. OF CYLS. & CYCLE	6 CYLS.4 STROKE		FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	1250 H.P.AT 750 R.P.M.	BRAKE FORCE	% OF LOCO WEIGHT	77.8%
	MAKE & TYPE	G.E.C. W.T.981		IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	G.E.C. W.T.459	MULTIPLE WORKING	COUPLING SYMBOL	BLUE STAR
	No	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	HORIZONTAL WITH 1/4 INS.GAUGE WIDENING	4.4 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION.	CURVES	VERTICAL CONVEX	11 CHAINS
	MAX TRACTIVE EFFORT	40,000LB.AT 24.1% ADHESION		VERTICAL CONCAVE	11 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 2800 AMPS.MAIN GENERATOR	TRAIN HEATING		NOT FITTED
		25,000LB.AT 14 M.P.H.	EQUIPMENT		
	RAIL H.P.AT CONT.RATING	AT 1940 AMPS.MAIN GENERATOR			
	FULL ENGINE OUTPUT	935 H.P.	TANK CAPACITIES	ENGINE FUEL	500 GALLS.
	WEIGHT	AVAILABLE BETWEEN 7.5 & 80MPH		AUX.FUEL	100 GALLS.
DATA PANEL	BRAKE FORCE	73 TONNES			
	E.T.H.INDEX	35 TONNES			
	ROUTE AVAILABILITY	-			
	MAX.SPEED	5.			
		90 M.P.H.			

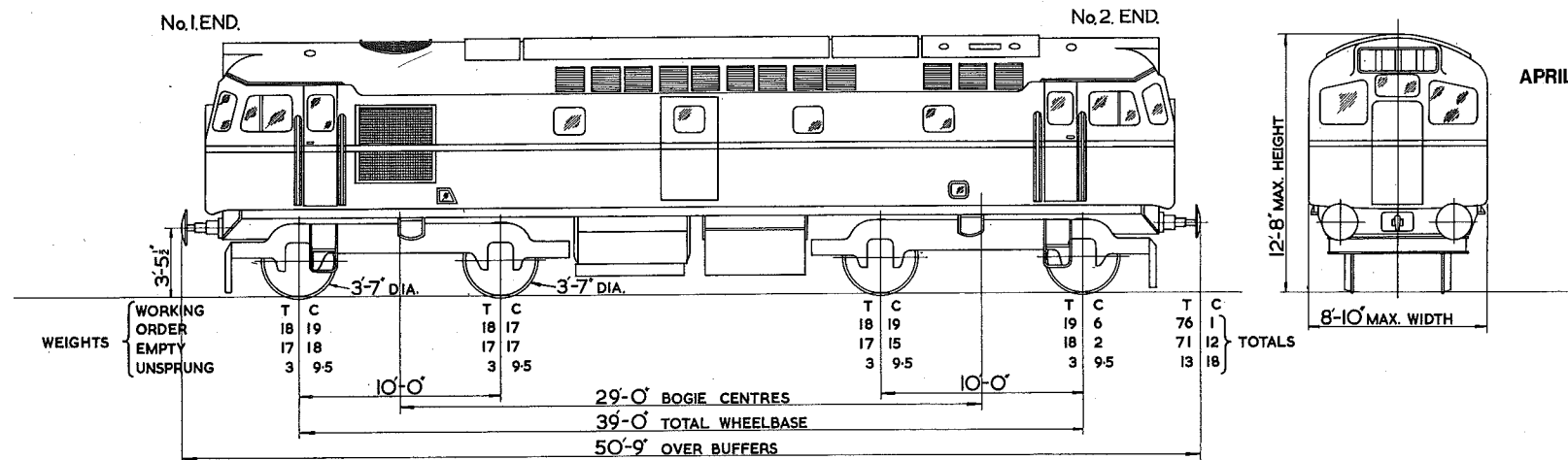
OCT 1984



ENGINE.	MAKE & TYPE.	SULZER 6LDA 28B.	BRAKING.	TYPE	FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.			FOR TRAIN.	AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250HP AT 750 R.P.M.	SPEED.	BRAKE FORCE	% OF LOCO WEIGHT IN WORKING ORDER.	78.1%.
	MAKE & TYPE.	GEC. W.T. 981.				
TRACTION MOTORS.	MAKE & TYPE.	GEC. W.T. 459.	MINIMUM RADIUS CURVES.	MAX. PERMITTED SERVICE SPEED.	HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	90 M.P.H. 5 CHAINS. 4.4 CHAINS. 11 CHAINS. 11 CHAINS.
	No.	FOUR.				
	TYPE OF SUSPENSION.	NOSE.				
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.				
PERFORMANCE.	MAX. TRACTIVE EFFORT.	40,000LB AT 23.4% ADHESION	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE. STEAMING CAPACITY. ENGINE FUEL. BOILER FUEL. BOILER WATER.	STONE VAPOR. 1750 LB/HOUR. 500 GALLS. 100 GALLS. 450 GALLS.	
	CONT. TRACTIVE EFFORT.	AT 2800AMPS. MAIN GENERATOR. 25,000LB. AT 14 M.P.H.				
	RAIL HP AT CONT. RATING.	AT 1940 AMPS. MAIN GENERATOR. 933 HP	TANK CAPACITIES.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.5 & 80MPH.				

## 1250 HP B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 27/0

27-c	X
------	---

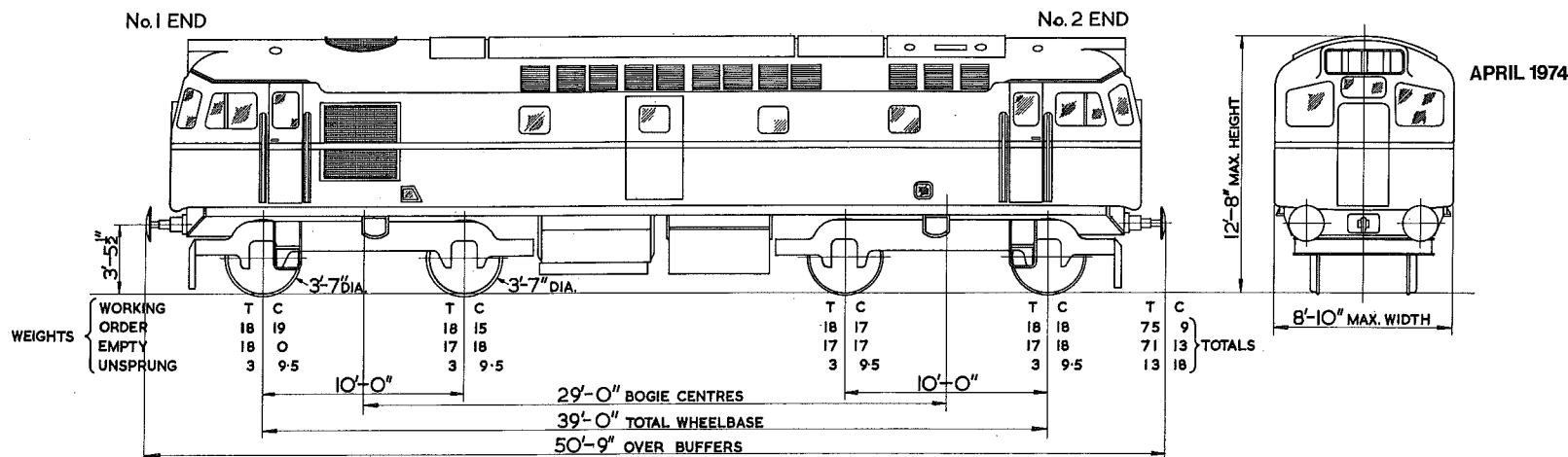


APRIL 1974

ENGINE.	MAKE & TYPE.	SULZER 6LDA 28B.	BRAKING.	TYPE.	FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.		FOR TRAIN.		
MAIN GENERATOR.	MAX CONT RATED OUTPUT.	1250HP AT 750 R.P.M.	SPEED.	BRAKE FORCE	% OF LOCO. WEIGHT	AUTO. AIR & AIR CONT. VAC.
	MAKE & TYPE.	G.E.C. W.T. 981.		IN WORKING ORDER.		
TRACTION MOTORS.	MAKE & TYPE.	G.E.C. W.T. 459.	MINIMUM RADIUS CURVES.	MAX. PERMITTED SERVICE SPEED.		90 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING.		5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.		4-4 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT.	VERTICAL CONVEX.		11 CHAINS.
	MAX. TRACTIVE EFFORT.	40000 LB. AT 23.5% ADHESION		VERTICAL CONCAVE.		11 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2800 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	BOILER MAKE & TYPE.		STONE VAPOR.
		25000 LB. AT 14 M.P.H.		STEAMING CAPACITY.		1750 LB/HOUR.
	RAIL HP AT CONT. RATING.	AT 1940 AMPS. MAIN GENERATOR.		ENGINE FUEL.		685 GALLS.
	FULL ENGINE OUTPUT.	933 HP		BOILER FUEL.		100 GALLS.
		AVAILABLE BETWEEN 7.5 & 80 M.P.H.		BOILER WATER.		300 GALLS.

# 1250 H.P B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE. CLASS 27/1

27-1a X

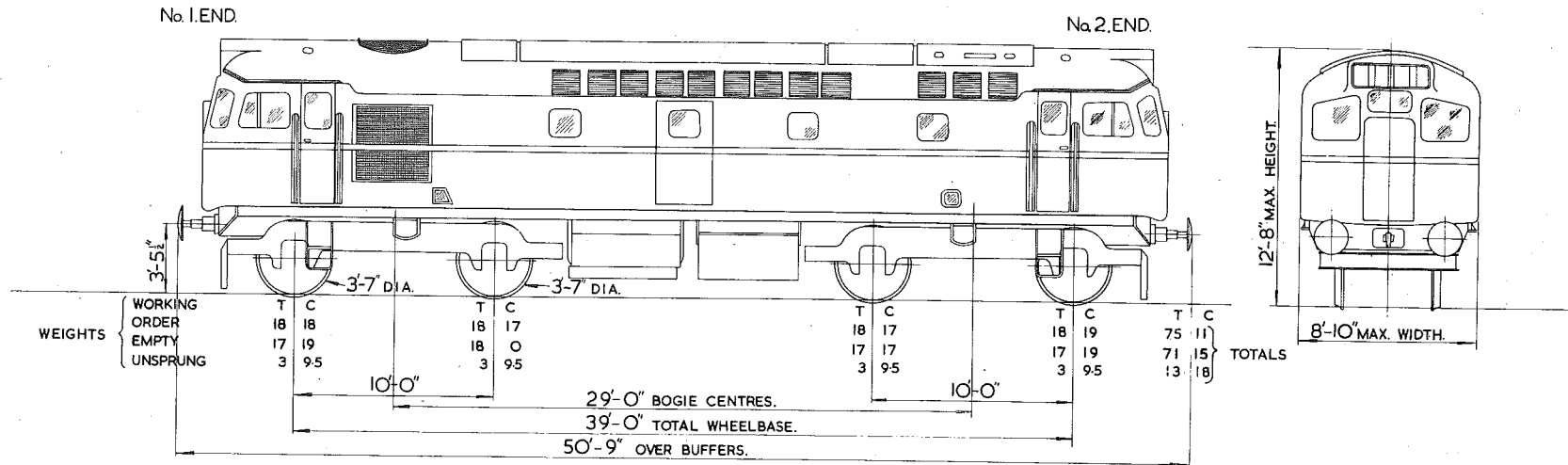


ENGINE.	MAKE & TYPE.	SULZER 6LDA 28B.	BRAKING.	TYPE.	FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.			FOR TRAIN.	
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE.	% OF LOCO. WEIGHT IN WORKING ORDER.	78-9%.
	MAKE & TYPE.	G.E.C. W.T. 981.				
TRACTION MOTORS.	MAKE & TYPE.	G.E.C. W.T. 459.	MINIMUM RADIUS CURVES.	MAX. PERMITTED SERVICE SPEED.		90 M.P.H.
	No.	FOUR.				
	TYPE OF SUSPENSION.	NOSE.				
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.				
PERFORMANCE.	MAX. TRACTIVE EFFORT.	40,000 LB. AT 22.3% ADHESION	TRAIN HEATING EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING.		5 CHAINS.
		AT 2,800 AMPS. MAIN GENERATOR.				
	CONT. TRACTIVE EFFORT.	25,000 LB. AT 14 M.P.H.				
		AT 1,940 AMPS. MAIN GENERATOR.				
	RAIL H.P. AT CONT. RATING.	933 H.P.	TANK CAPACITY.	ENGINE FUEL.		970 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.5 & 80 M.P.H.				

**1250 H.P. B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 27/1**

27-1b	X
-------	---





ENGINE.	MAKE & TYPE.	SULZER 6LDA 28B.	BRAKING.	TYPE.	FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.			FOR TRAIN.	
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE.	% OF LOCO WEIGHT	AUTO. AIR & AIR CONT. VAC.
	MAKE & TYPE.	G.E.C. W.T. 981.			IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	G.E.C. W.T. 459.	MINIMUM RADIUS CURVES.	MAX. PERMITTED SERVICE SPEED.	78.8 %.	90 M.P.H.
	No.	FOUR.				
	TYPE OF SUSPENSION.	NOSE.			HORIZONTAL WITHOUT GAUGE WIDENING.	
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	
PERFORMANCE.	MAX. TRACTIVE EFFORT.	40,000 LB. AT 23.6% ADHESION	TRAIN HEATING EQUIPMENT.	VERTICAL CONVEX.	11 CHAINS.	11 CHAINS.
	CONT. TRACTIVE EFFECT.	AT 2800 AMPS. MAIN GENERATOR.		VERTICAL CONCAVE.	11 CHAINS.	
	RAIL H.P. AT CONT. RATING.	25,000 LB. AT 14 M.P.H.		ENGINE.	DEUTZ - F8L 413.	
	FULL ENGINE OUTPUT.	AT 1940 AMPS. MAIN GENERATOR.			8 CYLS. 4 STROKE.	
		933 H.P.			172 H.P. AT 2150 R.P.M.	
		AVAILABLE BETWEEN 7.5 & 80 M.P.H.	TANK CAPACITY.	ALTERNATOR.	HOUCIN - 595A.	120 KW. AT 800 VOLTS.
					970 GALLONS.	
				ENGINE FUEL.		

**1250 H.P. BRCW. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 27/2**

**27-2a X**

No. 2 END.

Technical drawing of a diesel locomotive showing side and front views with dimensions.

**Side View Dimensions:**

- Overall Length: 42'-10" TOTAL WHEELBASE.
- Bogie Centres: 28'-10" BOGIE CENTRES.
- Over Buffers: 56'-9" OVER BUFFERS.
- Height: 12'-7 1/2" MAX. HEIGHT.
- Weight Order (WKG ORDER EMPTY UNSPRUNG):
  - Front: T 18 17 4, C 17 16 0
  - Middle: T 16 15 2, C 13 1 1
  - Rear: T 18 17 4, C 17 16 0
- Wheel Spacing: 7'-0" (between bogies), 3'-7" DIA. (front), 3'-3 1/2" DIA. (middle), 3'-7" DIA. (rear).

**Front View Dimensions:**

- Width: 8'-9" MAX. WIDTH.
- Weight Order (WKG ORDER EMPTY UNSPRUNG):
  - Left: T 108 103 8, C 103 102 2
  - Right: T 108 103 8, C 103 102 2

ENGINE.	MAKE & TYPE. No. OF CYLS & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 12 SVT 12 CYLS. 4 STROKE. 1470 H.P. AT 850 R.P.M.	BRAKING.	TYPE. { FOR LOCO. { FOR TRAIN. BRAKE FORCE. { % OF LOCO. WEIGHT { IN WORKING ORDER.	AIR. VACUUM 77%.
MAIN GENERATOR	MAKE & TYPE. MAKE & TYPE.	BRUSH TG160 - 48. BRUSH TM 73- 68.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H.
TRACTION MOTORS.	No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	FOUR NOSE. SINGLE REDUCTION.	MINIMUM RADIUS.	HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH $\frac{3}{4}$ INS GAUGE WIDENING.	4-5 CHAINS. 4-15 CHAINS.
	MAX. TRACTIVE EFFORT.	42800 LB. AT 25-4% ADHESION. AT 2000 AMPS. MAIN GENERATOR.	CURVES.	VERTICAL CONVEX VERTICAL CONCAVE.	6 CHAINS. 8 CHAINS.
	CONT. TRACTIVE EFFORT.	22250 LB. AT 19-7 M.P.H. AT 1200 AMPS. MAIN GENERATOR.	TRAIN HEATING.	BOILER MAKE & TYPE.	SPANNER SWIRLYFLOW
PERFORMANCE.	RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	1170 H.P. AVAILABLE BETWEEN 9 & 62 M.P.H.	EQUIPMENT	STEAMING CAPACITY.	1500 LB/HOUR.
			TANK CAPACITIES.	ENGINE FUEL. BOILER FUEL. BOILER WATER.	530 GALLONS. 100 GALLONS. 600 GALLONS.

1470 H.P BRUSH TYPE 2 A1A-A1A DIESEL ELECTRIC LOCOMOTIVE  
CLASS 31/0

31-a	V
------	---

No. 2 END.

[illegible]

ENGINE.	MAKE & TYPE. No. OF CYLS & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 12 SVT 12 CYLS. 4 STROKE. 1470 H.P. AT 850 R.P.M.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR	MAKE & TYPE.	BRUSH TG160 -48.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	77%.
TRACTION MOTORS.	MAKE & TYPE. No.	BRUSH TM 73-68. FOUR	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H.
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	HORIZONTAL WITHOUT GAUGE WIDENING	4-5 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES.	HORIZONTAL WITH 3/4 INS GAUGE WIDENING.	4-15 CHAINS.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	42800 LB. AT 25-4% ADHESION. AT 2000 AMPS. MAIN GENERATOR.	TRAIN HEATING.	VERTICAL CONVEX	6 CHAINS.
	CONT. TRACTIVE EFFORT.	22250 LB. AT 19-7 M.P.H. AT 1200 AMPS. MAIN GENERATOR.	EQUIPMENT	VERTICAL CONCAVE.	8 CHAINS.
	RAIL H.P. AT CONT. RATING.	1170 H.P.		BOILER MAKE & TYPE.	SPANNER SWIRLYFLOW
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 9 & 62 M.P.H.	TANK CAPACITIES.	STEAMING CAPACITY.	1500 LB/HOUR.
				ENGINE FUEL.	530 GALLONS.
				BOILER FUEL.	100 GALLONS.
				BOILER WATER.	600 GALLONS.

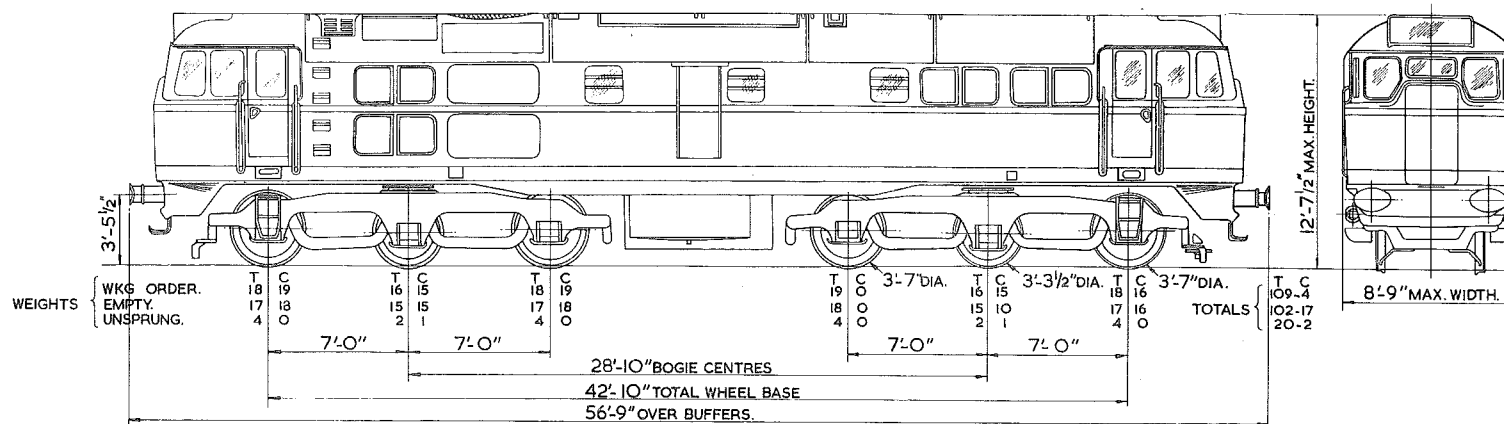
1470 H.P BRUSH TYPE 2 A1A-A1A DIESEL ELECTRIC LOCOMOTIVE  
CLASS 31/1

31-1a	V
-------	---

No.1 END.

No.2 END.

MAY 1975



ENGINE	{	MAKE & TYPE.	ENGLISH ELECTRIC 12 S.V.T.	BRAKING.	{	TYPE {	FOR LOCO.	STRAIGHT AIR & AUTO. AIR.			
		No.OF CYLS & CYCLE.	12 CYLS. 4 STROKE			FOR TRAIN	AUTO AIR & AIR CONT. VAC.				
MAIN GENERATOR.	{	MAX. CONT. RATED OUTPUT.	1470 H.P. AT 850 R.P.M.	SPEED.	{	BRAKE FORCE.	{	% OF LOCO. WEIGHT IN WORKING ORDER.	76.5%		
		MAKE & TYPE.	BRUSH TG 160-48.								
TRACTION MOTORS.	{	MAKE & TYPE.	BRUSH TM.73-68.	MINIMUM RADIUS CURVES.	{	MAX. PERMITTED SERVICE SPEED.	{	HORIZONTAL WITHOUT GAUGE WIDENING.	80 M.P.H.		
		No.	FOUR.							HORIZONTAL WITH ¾ INS.GAUGE WIDENING.	
		TYPE OF SUSPENSION.	NOSE.								
		TYPE OF GEAR DRIVE.	SINGLE REDUCTION.								VERTICAL CONVEX.
PERFORMANCE	{	MAX. TRACTIVE EFFORT.	42800 LB. AT 25.3% ADHESION.	TRAIN HEATING EQUIPMENT.	{	VERTICAL CONCAVE.	{	BOILER MAKE & TYPE.	8 CHAINS.		
		CONT. TRACTIVE EFFORT.	22250 LB. AT 19.7 M.P.H.							STEAMING CAPACITY.	SPANNER SWIRLYFLOW.
			AT 1200 AMPS. MAIN GENERATOR.								
		RAIL H.P. AT CONT. RATING.	1170 H.P.								
		FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 9 & 62 M.P.H.								
								BOILER FUEL.	100 GALLONS.		
								BOILER WATER.	600 GALLONS.		

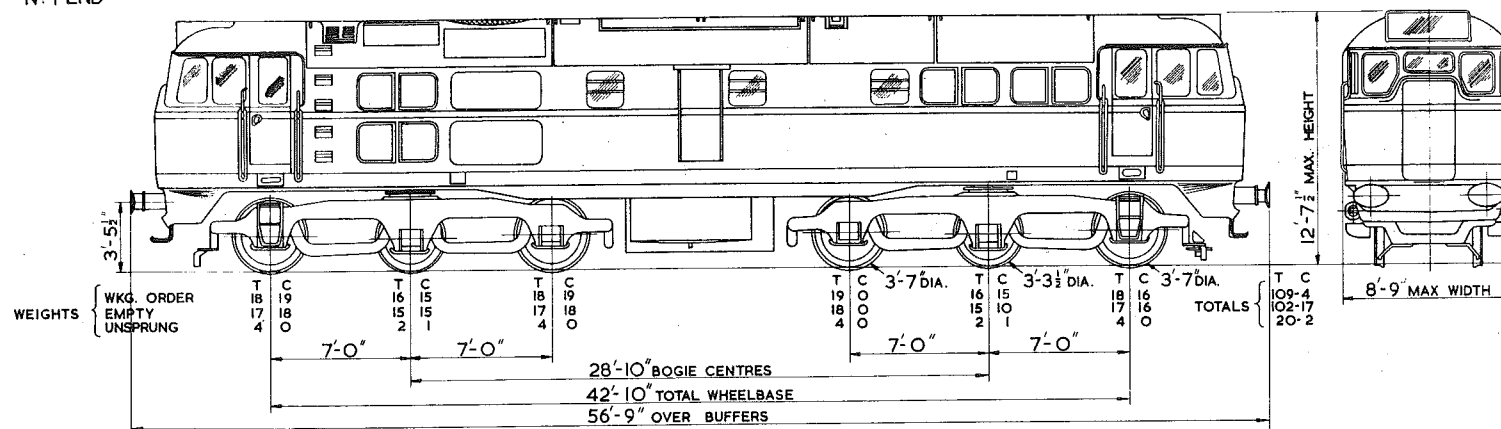
### 1470 H.P. BRUSH TYPE 2 AIA - AIA DIESEL ELECTRIC LOCOMOTIVE. CLASS 31/1

31-1b X

№ 1 END

№ 2 END

MAY 1975



ENGINE	{	MAKE & TYPE	ENGLISH ELECTRIC 12 SVT	BRAKING	{	TYPE {	FOR LOCO	STRAIGHT AIR & AUTO. AIR		
		No. OF CYLS & CYCLE	12 CYLS. 4 STROKE			FOR TRAIN	AUTO. AIR & AIR CONT. VAC.			
		MAX. CONT. RATED OUTPUT	1470 H.P. AT 850 R.P.M.			BRAKE FORCE {	% OF LOCO WEIGHT IN WORKING ORDER	76.5 %		
MAIN GENERATOR	{	MAKE & TYPE	BRUSH TG 160-48	SPEED	{	MAX. PERMITTED SERVICE SPEED		90 M.P.H.		
TRACTION MOTORS	{	MAKE & TYPE	BRUSH TM. 73-68			MINIMUM RADIUS CURVES	{	HORIZONTAL WITHOUT GAUGE WIDENING		4.5 CHAINS
		No.	FOUR					HORIZONTAL WITH ¾ INS. GAUGE WIDENING		4.15 CHAINS
		TYPE OF SUSPENSION	NOSE	VERTICAL CONVEX				6 CHAINS		
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	VERTICAL CONCAVE		8 CHAINS					
PERFORMANCE	{	MAX. TRACTIVE EFFORT	35900 LB. AT 21.2% ADHESION	TRAIN HEATING EQUIPMENT	{	BOILER MAKE & TYPE		SPANNER SWIRLYFLOW		
		CONT. TRACTIVE EFFORT	18700 LB. AT 23.5 M.P.H.			STEAMING CAPACITY		1500 LB/HOUR		
			AT 1200 AMPS. MAIN GENERATOR	TANK CAPACITIES		{	ENGINE FUEL		530 GALLONS	
		RAIL H.P. AT CONT. RATING	1170 H.P.				BOILER FUEL		100 GALLONS	
		FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.				BOILER WATER		600 GALLONS	

# 1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE CLASS 31/1

31-1c X

Nº 2 END

Technical drawing of the DLR Class 102 locomotive, showing side and front views with dimensions.

**Side View Dimensions:**

- Overall Height: 12'-7" MAX. HEIGHT
- Overall Width: 8'-9" MAX. WIDTH
- Weight Distribution (WKG ORDER EMPTY UNSPRUNG):
  - Left Side: T 18 17 4, C 1 19 0, T 15 15 2, C 17 16 1, T 18 17 4, C 1 19 0
  - Right Side: T 18 17 4, C 13 18 0, T 16 15 2, C 5 7 1, T 18 17 4, C 13 18 0
- Wheelbase: 7'-0" (between bogie centres)
- Bogie Centres: 28'-10" BOGIE CENTRES
- Total Wheelbase: 42'-10" TOTAL WHEELBASE
- Over Buffers: 56'-9" OVER BUFFERS

**Front View Dimensions:**

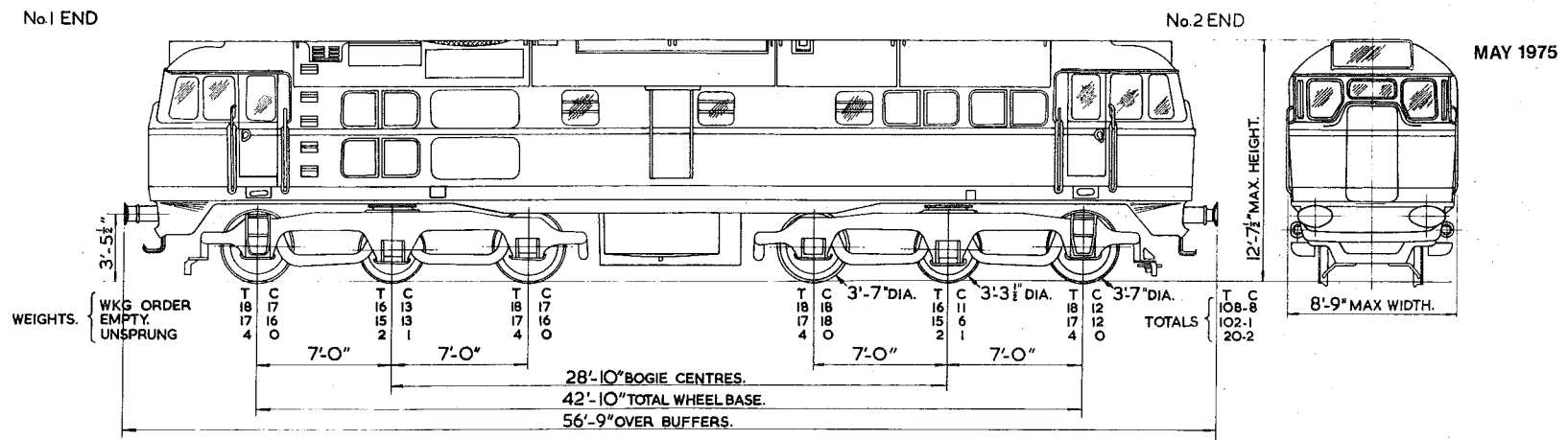
- Overall Height: 12'-7" MAX. HEIGHT
- Overall Width: 8'-9" MAX. WIDTH
- Weight Distribution (WKG ORDER EMPTY UNSPRUNG):
  - Left Side: T 18 17 4, C 13 18 0, T 16 15 2, C 5 7 1, T 18 17 4, C 13 18 0
  - Right Side: T 18 17 4, C 13 18 0, T 16 15 2, C 5 7 1, T 18 17 4, C 13 18 0
- Wheelbase: 7'-0" (between bogie centres)
- Bogie Centres: 28'-10" BOGIE CENTRES
- Total Wheelbase: 42'-10" TOTAL WHEELBASE
- Over Buffers: 56'-9" OVER BUFFERS

**TOTALS:**

- T 18 17 4
- C 13 18 0
- T 16 15 2
- C 5 7 1
- T 18 17 4
- C 13 18 0

ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 12 SVT	BRAKING	TYPE	{FOR LOCO FOR TRAIN	AIR VACUUM
	No OF CYLS. & CYCLE	12 CYLS. 4 STROKE				
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	1470 H.P. AT 850 R.P.M.	SPEED	BRAKE FORCE	{% OF LOCO WEIGHT IN WORKING ORDER	79 %
	MAKE & TYPE	BRUSH TG 160-48				
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 73-68	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED	90 M.P.H.	4.5 CHAINS
	No	FOUR				
	TYPE OF SUSPENSION	NOSE				
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	TRAIN HEATING EQUIPMENT	{HORIZONTAL WITH ¾ INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	4.15 CHAINS 6 CHAINS 8 CHAINS	
PERFORMANCE	MAX. TRACTIVE EFFORT	35900 LB. AT 21.9 % ADHESION				
	CONT. TRACTIVE EFFORT	AT 2000 AMPS MAIN GENERATOR 18700 LB. AT 23.5 M.P.H. AT 1200 AMPS. MAIN GENERATOR	TANK CAPACITIES	{ENGINE FUEL BOILER FUEL BOILER WATER	530 GALLONS	
	RAIL H.P. AT CONT. RATING	1170 H.P.				
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.				

31-1d	V
-------	---



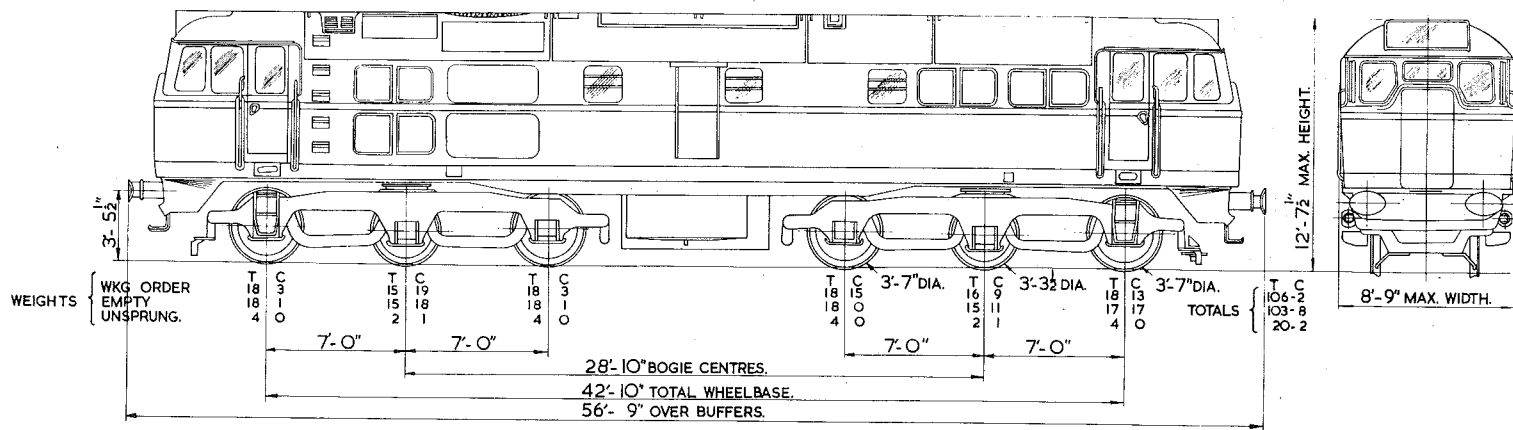
ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 12 SVT	BRAKING.	TYPE { FOR LOCO. FOR TRAIN	AIR
	No. OF CYLS & CYCLE.	12 CYLS. 4 STROKE			VACUUM
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1470 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	77 %
	MAKE & TYPE.	BRUSH TG 160-48.			
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM. 73-68.	MINIMUM RADIUS CURVES.	MAX. PERMITTED SERVICE SPEED { HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	90 M.P.H. 4.5 CHAINS. 4.15 CHAINS. 6 CHAINS. 8 CHAINS.
	No.	FOUR.			
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION			
PERFORMANCE.	MAX. TRACTIVE EFFORT.	35900 LB. AT 2 1/3 % ADHESION.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLOW 1500 LB/HOUR.
	CONT. TRACTIVE EFFORT.	AT 2000 AMPS. MAIN GENERATOR. 18700 LB. AT 23.5 M.P.H. AT 1200 AMPS. MAIN GENERATOR. 1170 H.P.			
	RAIL H.P. AT CONT. RATING.	1170 H.P.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL. BOILER WATER.	530 GALLONS. 100 GALLONS. 600 GALLONS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.			

**1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 31/1**

31-1e V

No.1 END

No.2 END



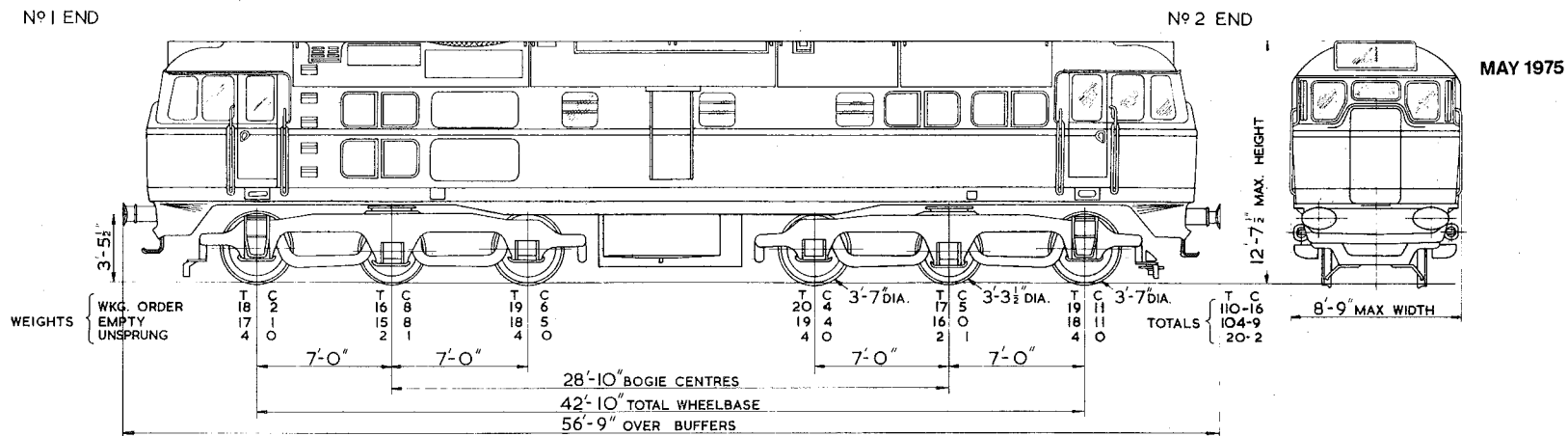
MAY 1975

ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 12 SVT.	BRAKING.	TYPE. { FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS & CYCLE.	12 CYLS. 4 STROKE.		FOR TRAIN.	AUTO AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1470 H.P. AT 850 R.P.M.		BRAKE FORCE. { % OF LOCO WEIGHT.	78.5 %
	MAKE & TYPE.	BRUSH TG 160 - 48.		IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM 73-68.	SPEED	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR.		HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	4.15 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES.	VERTICAL CONVEX.	6 CHAINS.
	MAX. TRACTIVE EFFORT.	35900 LB. AT 21.7% ADHESION.		VERTICAL CONCAVE.	8 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2000 AMPS. MAIN GENERATOR	TRAIN HEATING.	BOILER MAKE & TYPE.	
	RAIL H.P. AT CONT. RATING.	18700 LB. AT 23.5 M.P.H.	EQUIPMENT.	STEAMING CAPACITY.	
	FULL ENGINE OUTPUT.	AT 1200 AMPS. MAIN GENERATOR.		(ENGINE FUEL	530 GALLONS.
		1170 H.P.	TANK CAPACITIES.	BOILER FUEL.	
		AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.		BOILER WATER.	

1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 31/1

31-1f X





ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 12 SVT	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.		STRAIGHT AIR & AUTO AIR.
	No. OF CYLS & CYCLE	12 CYLS. 4 STROKE		BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.		AUTO AIR & AIR CONT VAC.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	1470 H.P. AT 850 R.P.M.	SPEED.	MAX PERMITTED SERVICE SPEED.		75.4 %.
	MAKE & TYPE	BRUSH TG 160-48		HORIZONTAL WITHOUT GAUGE WIDENING.		90 M.P.H.
TRACTION MOTORS	MAKE & TYPE	BRUSH TM. 73-68	MINIMUM RADIUS CURVES.	HORIZONTAL WITH 3/4 INS GAUGE WIDENING.		4.5 CHAINS.
	No.	FOUR		VERTICAL CONVEX.		4.15 CHAINS.
	TYPE OF SUSPENSION	NOSE		VERTICAL CONCAVE.		6 CHAINS.
	TYPE OF GEAR DRIVE	SINGLE REDUCTION		BOILER. { MAKE & TYPE. STEAMING CAPACITY.		8 CHAINS.
PERFORMANCE	MAX. TRACTIVE EFFORT	35900 LB. AT 20.8% ADHESION	TRAIN HEATING EQUIPMENT.	ELECTRIC ALTERNATOR { MAKE & TYPE. DRIVEN BY. CONT OUTPUT.		SPANNER. SWIRLYFLOW.
	CONT. TRACTIVE EFFORT	AT 2000 AMPS. MAIN GENERATOR		ENGINE FUEL.		1500 LB/HOUR.
	RAIL H.P. AT CONT. RATING	18700 LB. AT 23.5 M.P.H.		BOILER FUEL.		BRUSH BL100-30.
	FULL ENGINE OUTPUT	AT 1200 AMPS. MAIN GENERATOR		BOILER WATER.		MAIN ENGINE.
		1170 H.P.				320 KW AT 870 VOLTS.
		AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.	TANK CAPACITIES.			530 GALLONS.
						100 GALLONS.
						600 GALLONS.

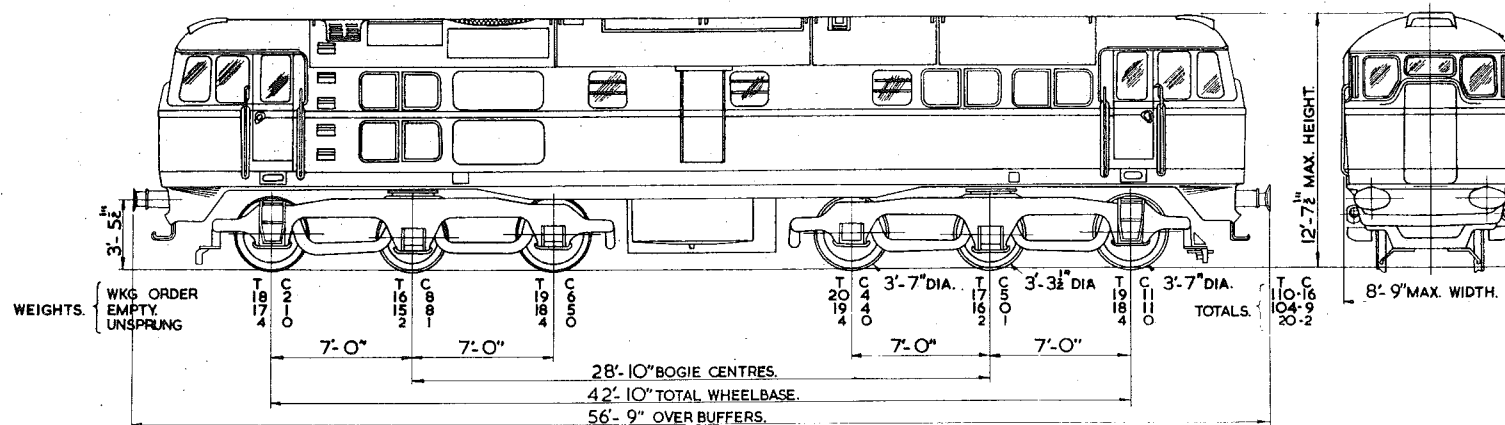
1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE  
CLASS 31/4

31-4a X

No.1 END.

No.2 END.

MAY 1975



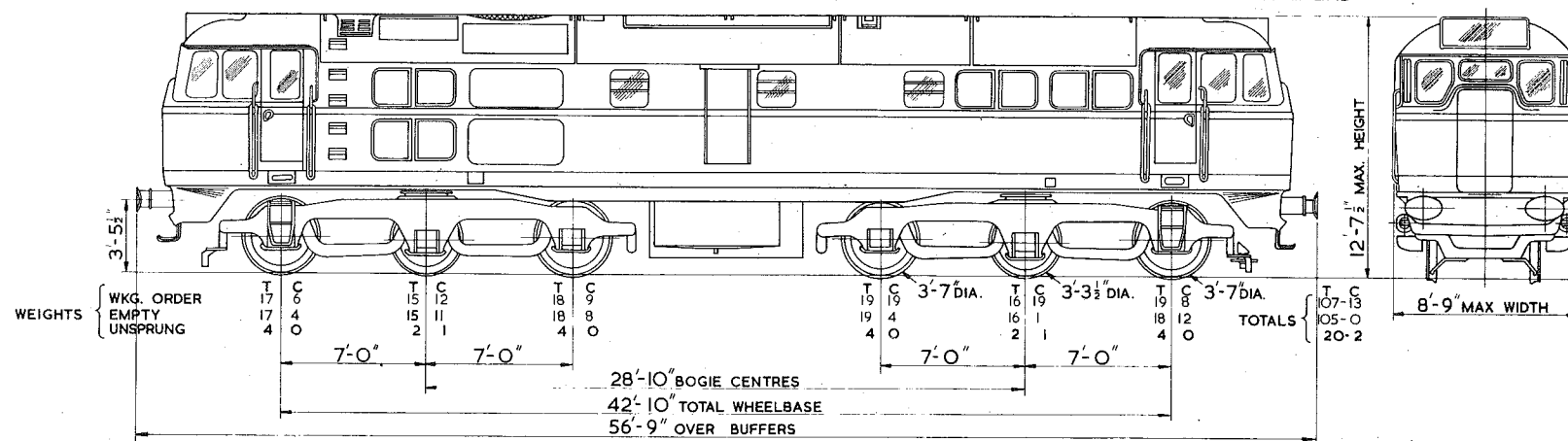
ENGINE.	MAKE & TYPE. No. OF CYLS & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 12 SVT 12 CYLS. 4 STROKE. 1470 H.P. AT 850 R.P.M.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR. AUTO AIR & AIR CONT VAC.
MAIN GENERATOR	MAKE & TYPE.	BRUSH TG160-48.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	75.4%.
TRACTION MOTORS.	MAKE & TYPE. No.	BRUSH TM 73-68. FOUR	MINIMUM RADIUS CURVES.	MAX PERMITTED SERVICE SPEED.	80 M.P.H.
PERFORMANCE.	TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	NOSE. SINGLE REDUCTION. 42800 LB. AT 24.7% ADHESION. AT 2000 AMPS. MAIN GENERATOR. 22250 LB. AT 19.7 M.P.H. AT 1200 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	4.5 CHAINS. 4.15 CHAINS. 6 CHAINS. 8 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	1170 H.P. AVAILABLE BETWEEN 9 & 62 M.P.H.	TANK CAPACITIES.	BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER SWIRLYFLOW. 1500 LB/HOUR.
PERFORMANCE.				ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT OUTPUT	BRUSH BL 100-30. MAIN ENGINE. 320 KW AT 870 VOLTS. 530 GALLONS. 100 GALLONS. 600 GALLONS.
PERFORMANCE.				ENGINE FUEL BOILER FUEL BOILER FUEL	

# 1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE CLASS 31/4

31-4b X

No 1 END

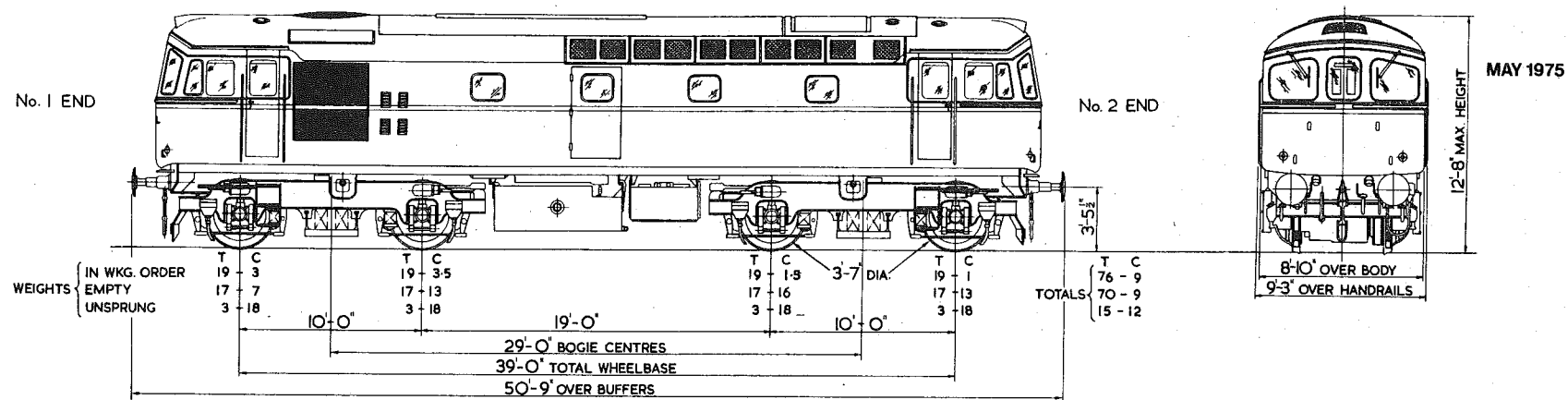
No 2 END



ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 12 SVT	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR. AUTO AIR & AIR CONT VAC.
	No. OF CYLS & CYCLE	12 CYLS. 4 STROKE			
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	1470 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	77.4 %.
	MAKE & TYPE	BRUSH TG 160-48			
TRACTION MOTORS	MAKE & TYPE	BRUSH TM. 73-68	MINIMUM RADIUS CURVES.	MAX PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	FOUR			
	TYPE OF SUSPENSION	NOSE			
	TYPE OF GEAR DRIVE	SINGLE REDUCTION			
PERFORMANCE	MAX. TRACTIVE EFFORT	35900 LB. AT 21.3% ADHESION	TRAIN HEATING EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	CONT. TRACTIVE EFFORT	AT 2000 AMPS. MAIN GENERATOR		HORIZONTAL WITH 3/4 INS GAUGE WIDENING.	4.15 CHAINS.
	RAIL H.P. AT CONT. RATING	18700 LB. AT 23.5 M.P.H.		VERTICAL CONVEX.	6 CHAINS.
	FULL ENGINE OUTPUT	AT 1200 AMPS. MAIN GENERATOR		VERTICAL CONCAVE.	8 CHAINS.
		1170 H.P.	TANK CAPACITIES { ENGINE FUEL. BOILER FUEL. BOILER WATER.	BOILER. { MAKE & TYPE. STEAMING CAPACITY.	
		AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.		ELECTRIC ALTERNATOR { MAKE & TYPE. DRIVEN BY. CONT OUTPUT.	

# 1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE CLASS 31/4

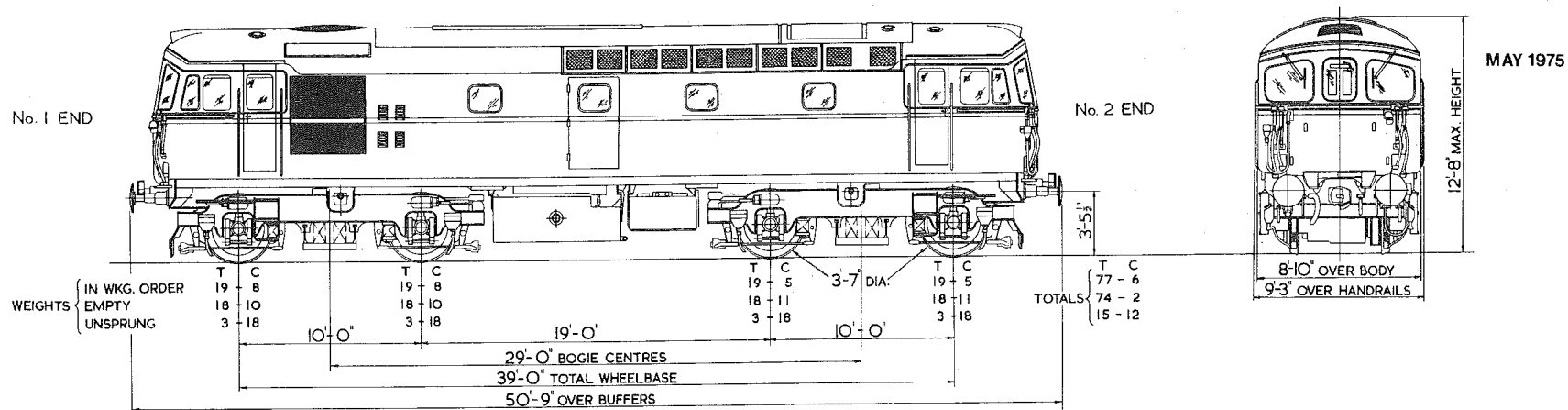
31-4c X



ENGINE	MAKE & TYPE	SULZER 8LDA28	BRAKING	TYPE	{FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR
	No. OF CYLS. & CYCLE	8 CYLS., 4 STROKE				{FOR TRAIN
MAIN GENERATOR	MAX.CONT. RATED OUTPUT	1550 H.P. AT 750 R.P.M.		BRAKE FORCE	{% OF LOCO. WEIGHT	76.4%
	MAKE & TYPE	CROMPTON PARKINSON CG 391 B1				
TRACTION MOTORS	MAKE & TYPE	CROMPTON PARKINSON C171C2	SPEED		MAX.PERMITTED SERVICE SPEED	85 M.P.H.
	No.	FOUR	MINIMUM RADIUS CURVES		{HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS
	TYPE OF SUSPENSION	AXLE			{HORIZONTAL WITH 3/4" GAUGE WIDENING	3 3/8 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION			{VERTICAL CONVEX	11 CHAINS
	MAX. TRACTIVE EFFORT	45000 LBS. AT 26.3 % ADHESION			{VERTICAL CONCAVE	11 CHAINS
PERFORMANCE		AT 2620 AMPS. MAIN GENERATOR	TRAIN HEATING EQUIPMENT		{ELECTRIC GENERATOR MAKE & TYPE	CROMPTON PARKINSON CAG 392 A1
	CONT. TRACTIVE EFFORT	26000 LBS. AT 17.5 M.P.H.			{DRIVEN BY	ENGINE
		AT 1760 AMPS. MAIN GENERATOR	TANK CAPACITY		{CONT. OUTPUT	235 K.W. AT 750 VOLTS
	RAIL H.P. AT CONT. RATING	1215 H.P.			{ENGINE FUEL	750 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.				

1550 H.P. B.R.C.W. TYPE 3 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 33/0

33- a X

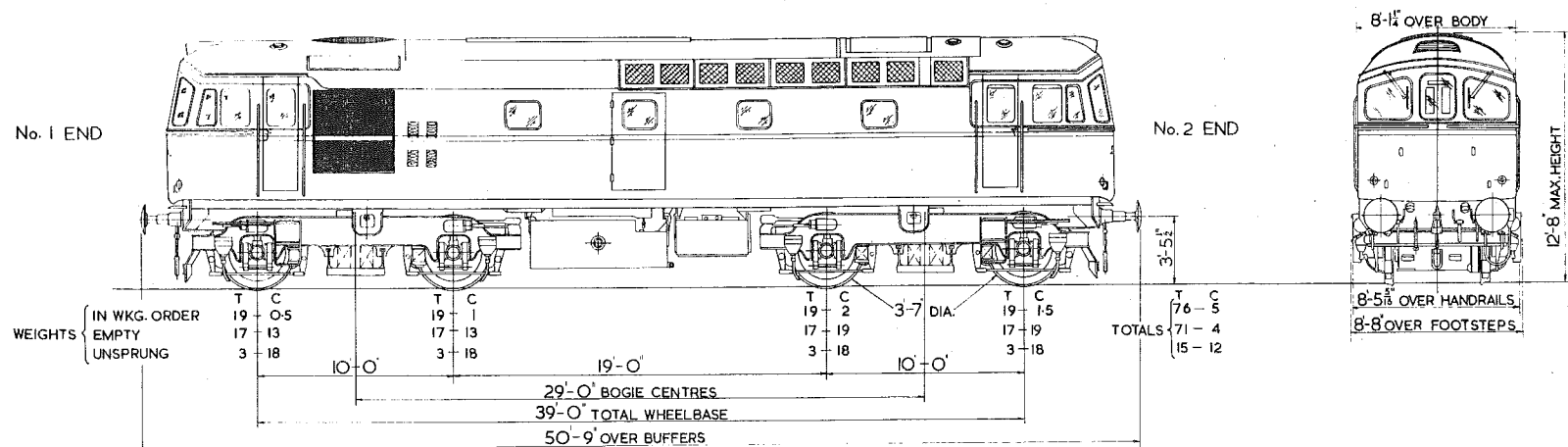


ENGINE	MAKE & TYPE	SULZER 8LDA28	BRAKING	TYPE	FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR
	No. OF CYLS. & CYCLE	8 CYLS., 4 STROKE		FOR TRAIN		AUTOMATIC AIR & AIR CONTROLLED VACUUM
	MAX. CONT. RATED OUTPUT	1550 H.P. AT 750 R.P.M.		BRAKE FORCE	% OF LOCO. WEIGHT	76 %
MAIN GENERATOR	MAKE & TYPE	CROMPTON PARKINSON CG 391 B1	SPEED	IN WORKING ORDER		
	MAKE & TYPE	CROMPTON PARKINSON C171C2		MAX. PERMITTED SERVICE SPEED		85 M.P.H.
	No.	FOUR		HORIZONTAL WITHOUT GAUGE WIDENING		4 CHAINS
TRACTION MOTORS	TYPE OF SUSPENSION	AXLE	MINIMUM RADIUS CURVES	HORIZONTAL WITH 3/4" GAUGE WIDENING		3 1/2 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION		VERTICAL CONVEX		11 CHAINS
	MAX. TRACTIVE EFFORT	45000 LBS. AT 26.0% ADHESION		VERTICAL CONCAVE		11 CHAINS
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 2620 AMPS. MAIN GENERATOR	TRAIN HEATING EQUIPMENT	ELECTRIC GENERATOR MAKE & TYPE		CROMPTON PARKINSON CAG 392 A1
		26000 LBS. AT 17.5 M.P.H.		DRIVEN BY		ENGINE
	RAIL H.P. AT CONT. RATING	AT 1760 AMPS. MAIN GENERATOR	TANK CAPACITY	CONT. OUTPUT		235 K.W. AT 750 VOLTS
	FULL ENGINE OUTPUT	1215 H.P.		ENGINE FUEL		750 GALLS.
		AVAILABLE BETWEEN 10 & 80 M.P.H.				

1550 H.P. B.R.C.W. TYPE 3 B-B DIESEL ELECTRIC LOCOMOTIVE.  
 FITTED FOR PUSH/PULL  
 CLASS 33/1

33-1aX

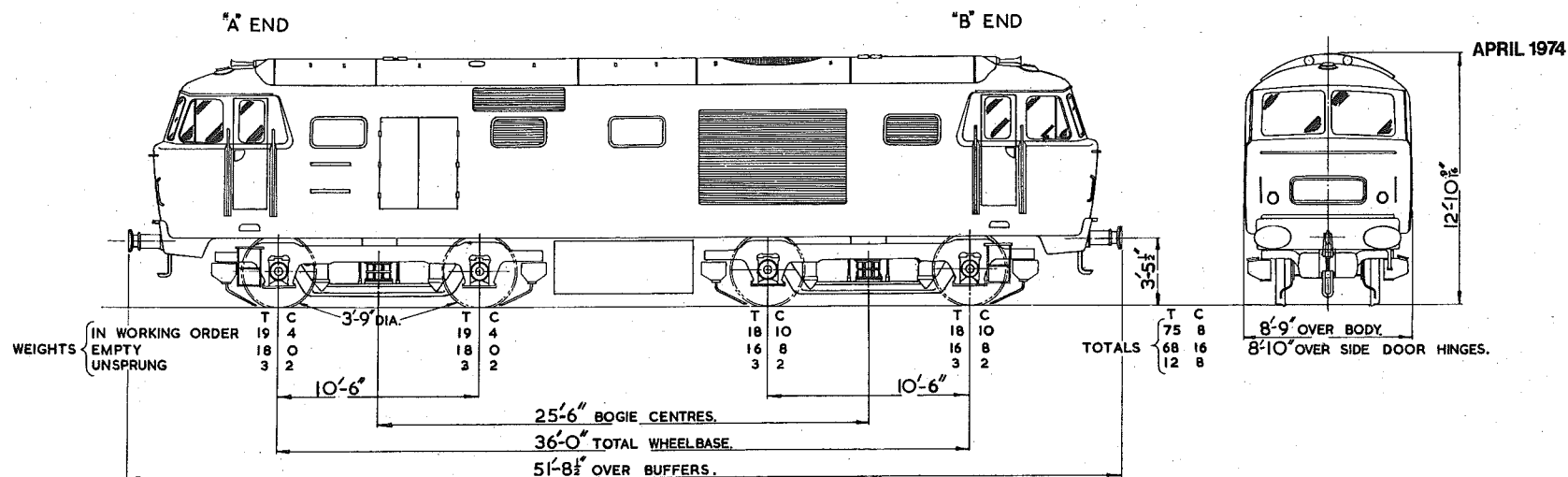
MAY 1975



ENGINE	MAKE & TYPE	SULZER 8LDA28	BRAKING	TYPE	FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR
	No. OF CYLS. & CYCLE	8 CYLS., 4 STROKE			FOR TRAIN	AUTOMATIC AIR & AIR CONTROLLED VACUUM
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	1550 H.P. AT 750 R.P.M.	SPEED	BRAKE FORCE	% OF LOCO. WEIGHT IN WORKING ORDER	77%
	MAKE & TYPE	CROMPTON PARKINSON C/G 391 B1				
TRACTION MOTORS	MAKE & TYPE	CROMPTON PARKINSON C171C2	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED		85 M.P.H.
	No.	FOUR				
	TYPE OF SUSPENSION	AXLE				
	TYPE OF GEAR DRIVE	SINGLE REDUCTION				
PERFORMANCE	MAX. TRACTIVE EFFORT	45000 LBS AT 26% ADHESION	TRAIN HEATING EQUIPMENT	ELECTRIC GENERATOR MAKE & TYPE		CROMPTON PARKINSON CAG 392 A1.
	CONT. TRACTIVE EFFORT	AT 2620 AMPS. MAIN GENERATOR 26000 LBS. AT 17.5 M.P.H. AT 1760 AMPS. MAIN GENERATOR				
	RAIL H.P. AT CONT. RATING	1215 H.P.	TANK CAPACITY	DRIVEN BY		ENGINE
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.				
				CONT. OUTPUT		235 K.W. AT 750 VOLTS
				ENGINE FUEL		750 GALLS.

1550 H.P. B.R.C.W. TYPE 3 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 33/2

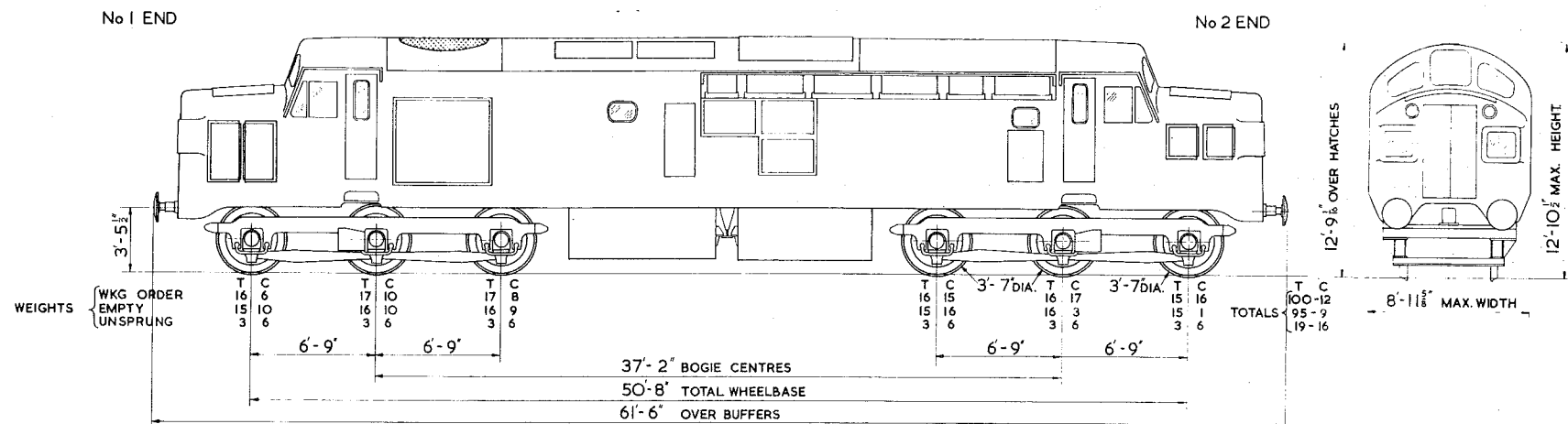
33-2a X



ENGINE.	No. MAKE & TYPE.	ONE. MAYBACH M.D. 870.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.		MIN. RAD. CURVE	WITHOUT GAUGE WIDENING: 4 CHAINS.
TRANSMISSION.	MAX. CONT. RATED OUTPUT.	1700 H.P. AT 1500 R.P.M.	CURVE.	AT DEAD SLOW SPEED:	4 CHAINS.
	TYPE & OTHER PARTICULARS.	MEKYDRO K.184 u.		TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	46600 LB. AT 27.6% ADHESION.	TANK CAPACITIES.	STEAMING CAPACITY.	STONE VAPOR O.K. 4616.
	CONT. TRACTIVE EFFORT.	33950 LB. AT 12.5 M.P.H.		ENGINE FUEL.	800 GALLS.
BRAKING.	TYPE	FOR LOCO.	BOILER FUEL.	BOILER WATER	800 GALLS.
	FOR TRAIN.	AIR.			
	BRAKE FORCE	% OF LOCO. WEIGHT			
		IN WORKING ORDER.			
		73.3 %.			

# 1700 H.P. HYMEK TYPE 3 B-B DIESEL HYDRAULIC LOCOMOTIVE. CLASS 35

35- a V



MAY1975

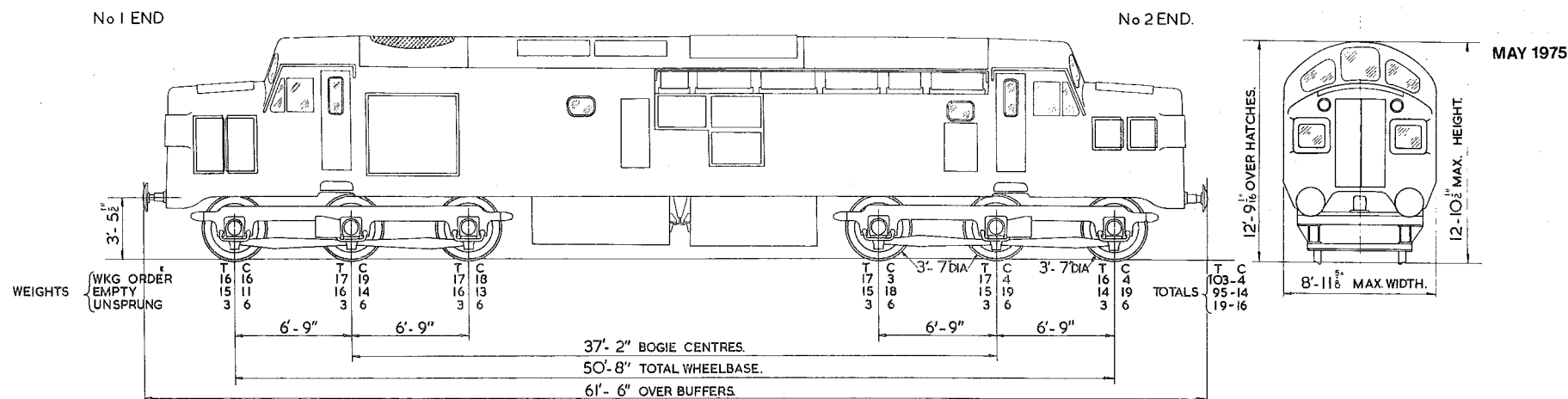
ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 12 CSVT	BRAKING	TYPE FOR LOCO	AIR
	No. OF CYLS. & CYCLE	12 CYLS. 4 STROKE		FOR TRAIN	VACUUM
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	1750 H.P. AT 850 R.P.M.	SPEED	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	84.1%
	MAKE & TYPE	ENGLISH ELECTRIC TYPE 822/10G		MAX. PERMITTED SERVICE SPEED	90 M.P.H.
TRACTION MOTORS	MAKE & TYPE	ENGLISH ELECTRIC EE538/A	MINIMUM RADIUS CURVES	HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS
	No.	SIX		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3-8 CHAINS
	TYPE OF SUSPENSION	NOSE		VERTICAL CONVEX	8 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	TRAIN HEATING EQUIPMENT	VERTICAL CONCAVE	8 CHAINS
PERFORMANCE	MAX. TRACTIVE EFFORT	55500 LB. AT 24.6% ADHESION AT 2600 AMPS MAIN GENERATOR		BOILER MAKE & TYPE	
	CONT. TRACTIVE EFFORT	35000 LB. AT 13.6 M.P.H. AT 1800 AMPS MAIN GENERATOR	TANK CAPACITIES	STEAMING CAPACITY	
	RAIL H.P. AT CONT. RATING	1250 H.P.		ENGINE FUEL	890 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.		BOILER FUEL	
				BOILER WATER	

# 1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE CLASS 37

37- a V



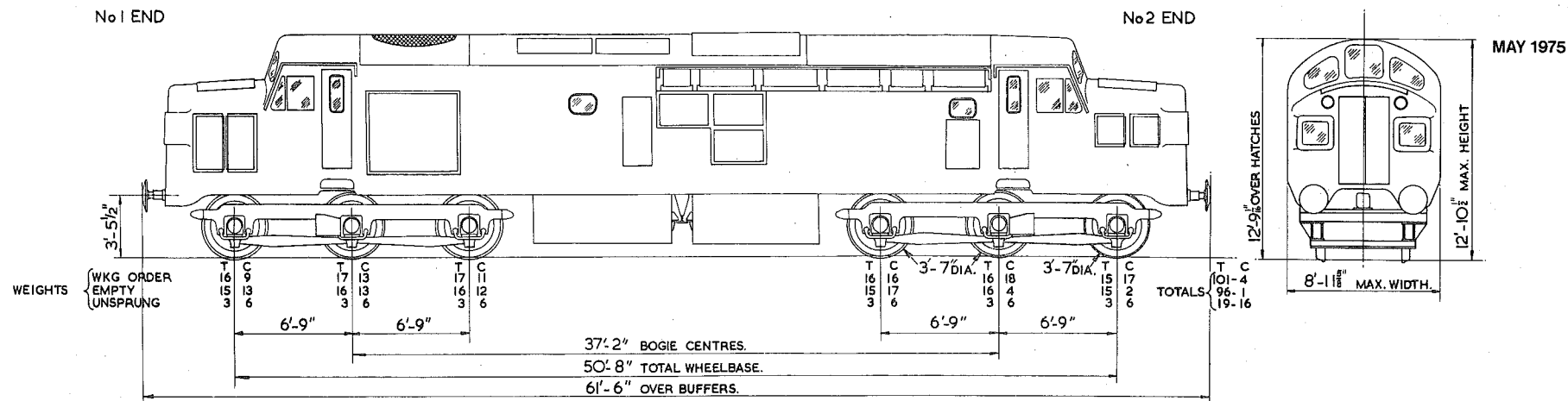




ENGINE.	MAKE & TYPE	ENGLISH ELECTRIC 12CSV.T.	BRAKING.	TYPE	FOR LOCO.	STRAIGHT AIR & AUTO AIR.	
	No. OF CYLS. & CYCLE.	12CYLS 4 STROKE.		FOR TRAIN.	AUTO AIR & AIR CONT VAC.		
MAIN GENERATOR	MAX. CONT RATED OUTPUT	1750H.P. AT 850 R.P.M.	SPEED	BRAKE FORCE	{% OF LOCO. WEIGHT IN WORKING ORDER.	82 %	
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.					
TRACTION MOTORS	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A.	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.		
	No.	SIX.					
	TYPE OF SUSPENSION.	NOSE.					
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.					
PERFORMANCE	MAX. TRACTIVE EFFORT.	55500LB. AT 24% ADHESION AT 2600 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT	{ HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH ¾INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	3 CHAINS. 4 CHAINS. 8 CHAINS. 8 CHAINS.		
	CONT. TRACTIVE EFFORT.	35000 LB AT 13.6 M.P.H. AT 1800 AMPS. MAIN GENERATOR				BOILER MAKE & TYPE.	CLAYTON RO 2500 MK. I.
	RAIL H.P. AT CONT. RATING	1250 H.P.					
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10 & 79 M.P.H.				TANK CAPACITIES	{ ENGINE FUEL.. BOILER FUEL. }
			BOILER WATER.	800 GALLS.			

1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 37

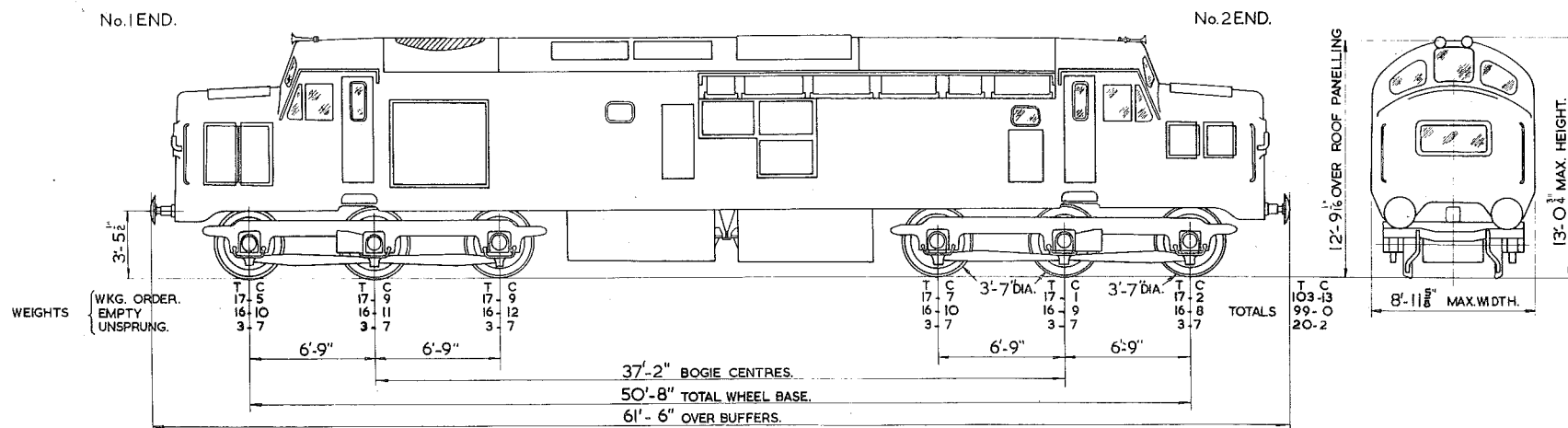
37-c X



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 12 CSVT.	BRAKING	TYPE FOR LOCO.	STRAIGHTAIR & AUTO AIR
	No. OF CYLS. & CYCLE.	12 CYLS. 4 STROKE.		FOR TRAIN.	AUTO AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT.	1750 H.P. AT 850 R.P.M.		BRAKE FORCE	83.6 %
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G		% OF LOCO. WEIGHT.	
	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A.		UN WORKING ORDER	
TRACTION MOTORS	No.	SIX.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	MAX. TRACTIVE EFFORT.	55500 L.B. AT 24.5% ADHESION	CURVES	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.8 CHAINS.
	CONT. TRACTIVE EFFORT.	AT 2600 AMPS. MAIN GENERATOR.		VERTICAL CONVEX.	8 CHAINS.
PERFORMANCE		35000 L.B. AT 13.6 M.P.H.	TRAIN HEATING	VERTICAL CONCAVE.	8 CHAINS.
	RAIL H.P. AT CONT. RATING.	AT 1800 AMPS. MAIN GENERATOR.	EQUIPMENT	BOILER MAKE & TYPE.	
	FULL ENGINE OUTPUT.	1250 H.P.		STEAMING CAPACITY.	
		AVAILABLE BETWEEN 10 & 79 M.P.H.	TANK CAPACITIES	ENGINE FUEL.	890 GALLS.
				BOILER FUEL.	
				BOILER WATER	

1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 37

37- d X

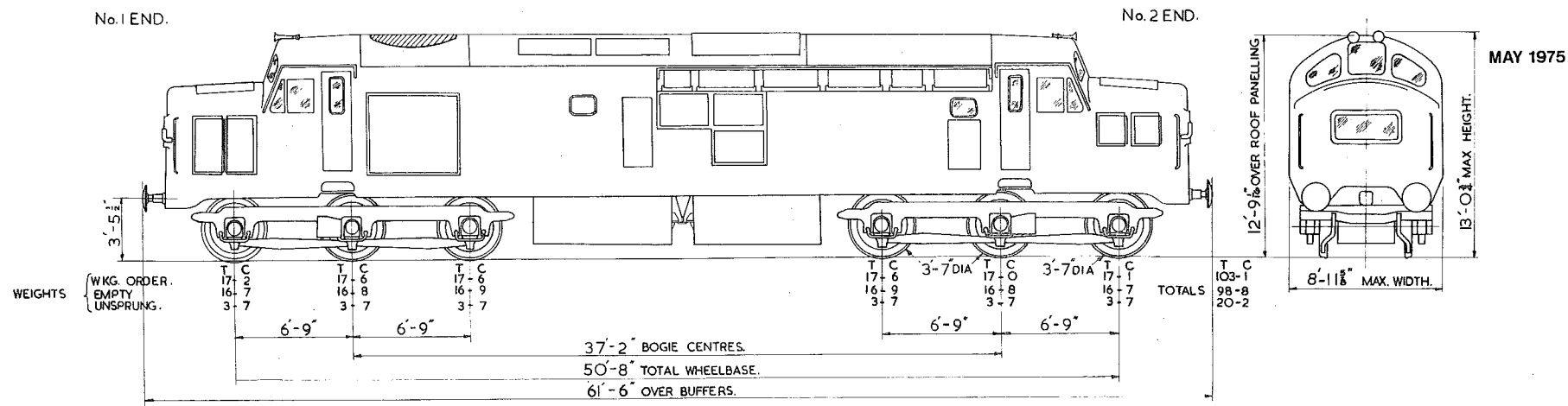


MAY 1975

ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 12CSVT.	BRAKING.	TYPE	FOR LOCO.	STRAIGHT AIR & AUTO AIR.	
	No. OF CYLS. & CYCLE.	12 CYLS 4 STROKE.			FOR TRAIN.		AUTO AIR & AIR CONT VAC.
	MAX. CONT. RATED OUTPUT.	1750HP AT 850 RPM.					
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.	SPEED.	BRAKE FORCE	{ % OF LOCO. WEIGHT IN WORKING ORDER.	81-7%	
TRACTION MOTORS	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A.					
	No.	SIX					
	TYPE OF SUSPENSION.	NOSE					
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.					
PERFORMANCE	MAX. TRACTIVE EFFORT.	55500LB. AT 23-9% ADHESION	MINIMUM RADIUS CURVES	TRAIN HEATING EQUIPMENT	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE BOILER MAKE & TYPE STEAMING CAPACITY ENGINE FUEL. BOILER FUEL. BOILER WATER	890 GALLS.	
	CONT. TRACTIVE EFFORT.	AT 2600AMPS. MAIN GENERATOR.					
	RAIL HP AT CONT RATING	35000LB. AT 13-6M.P.H.					
	FULL ENGINE OUTPUT.	AT 1800AMPS. MAIN GENERATOR					
			1250HP				
		AVAILABLE BETWEEN 10 & 79 M.P.H.					

1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 37

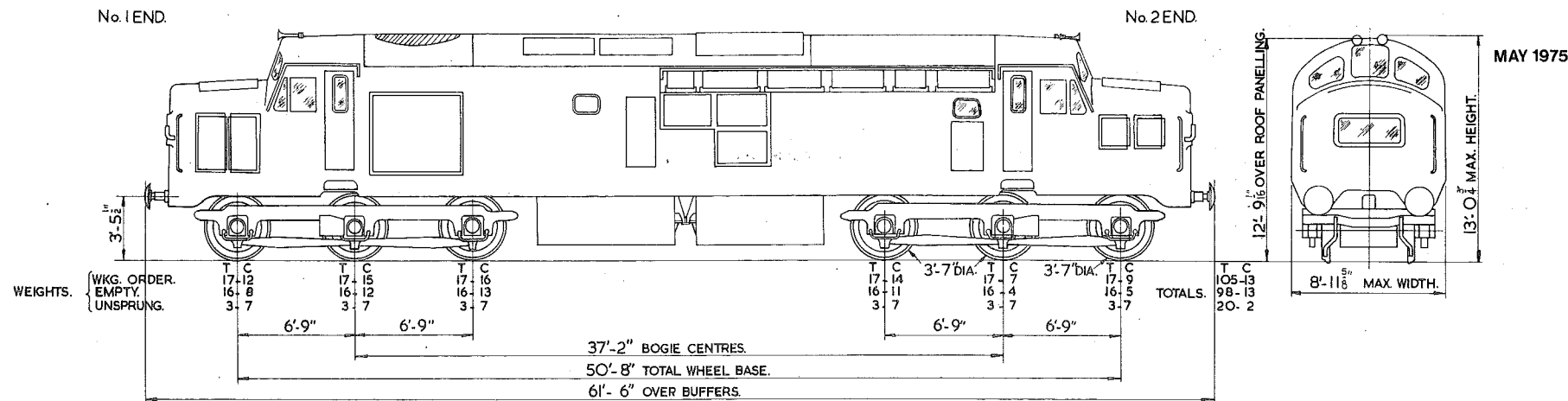
37-e X



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC I2CSV.T.	BRAKING	TYPE	FOR LOCO.	AIR
	No. OF CYLS. & CYCLE.	12CYLS 4 STROKE.			FOR TRAIN.	VACUUM
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1750HP AT 850RPM.	SPEED.	BRAKE FORCE	{ % OF LOCO WEIGHT IN WORKING ORDER.	82.1 %
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.				
TRACTION MOTORS	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A.	CURVE.	MIN. RAD. CURVE	{ WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90MPH. 4CHAINS.
	No.	SIX				
	TYPE OF SUSPENSION.	NOSE				
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.				
PERFORMANCE	MAX. TRACTIVE EFFORT.	55500LB. AT 24% ADHESION. AT 2600AMPS. MAIN GENERATOR.	TANK CAPACITIES. ENGINE FUEL.			890 GALLS.
	CONT. TRACTIVE EFFORT.	35000LB AT 13.6MPH. AT 1800AMPS. MAIN GENERATOR				
	RAIL HP AT CONT. RATING	1250HP				
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 MPH.				

**1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 37.**

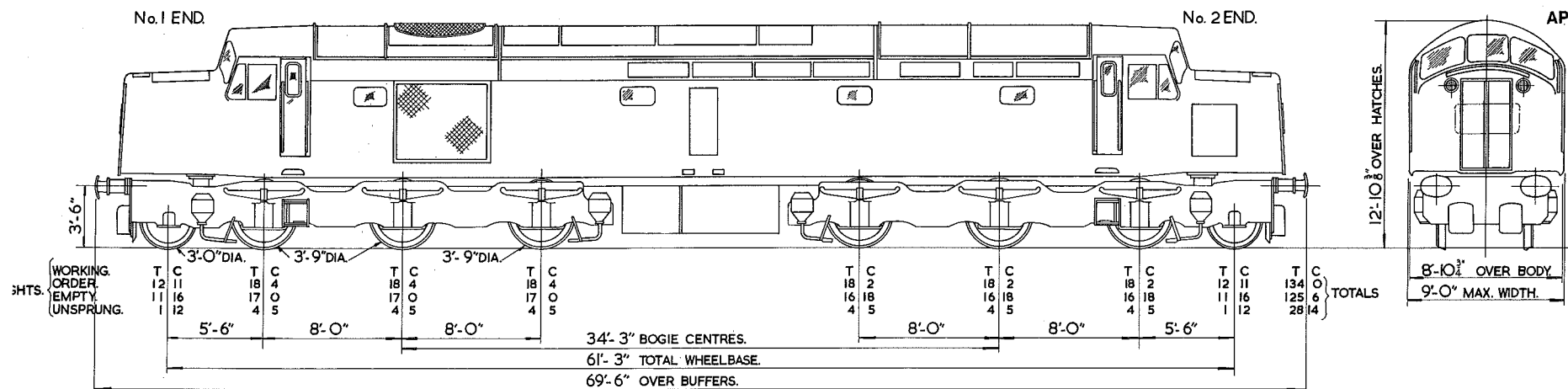
**37- f V**



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 12 CSVT.	BRAKING.	TYPE FOR LOCO.	STRAIGHT AIR & AUTO AIR.
	No OF CYLS. & CYCLE.	12 CYLS. 4 STROKE		FOR TRAIN.	
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1750HP AT 850 RPM.	SPEED.	BRAKE FORCE	AUTO AIR & AIR CONT. VAC.
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.		{ % OF LOCO. WEIGHT IN WORKING ORDER.	80 1/2%
TRACTION MOTORS	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	TYPE OF SUSPENSION.	NOSE		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.8 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		VERTICAL CONVEX	8 CHAINS.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	55500LB. AT 23.5% ADHESION.	TRAIN HEATING EQUIPMENT.	VERTICAL CONCAVE.	8 CHAINS
	CONT. TRACTIVE EFFORT	35000LB. AT 13.6 M.P.H.		BOILER MAKE & TYPE	CLAYTON RO 2500 MK. 1 or MK. 2.
	RAIL H.P. AT CONT. RATING	1250H.P.	TANK CAPACITIES	STEAMING CAPACITY	2500 LB. / HOUR.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10 & 79 M.P.H.		{ ENGINE FUEL.	890 GALLS
				{ BOILER FUEL.	800 GALLS.
				{ BOILER WATER.	

# 1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE. CLASS 37

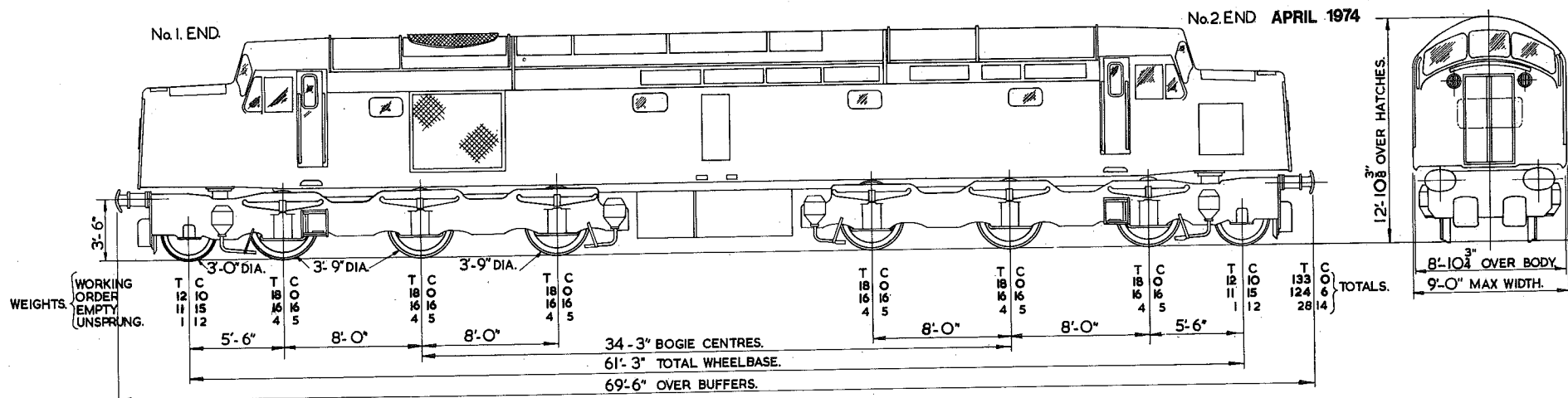
37- g X



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK.II.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR. AUTO. AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2000 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	63-5%.
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.			
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D.	MINIMUM RADIUS. CURVES	MAX. PERMITTED SERVICE SPEED	90 M.P.H.
	No.	SIX.			
PERFORMANCE.	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING. EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4-5 CHAINS. 3-6 CHAINS. 18 CHAINS. 18 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21-1% ADHESION	TANK CAPACITIES.	BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE - VAPOR O.K. 4625 2,750 LB./HOUR.
	CONT. TRACTIVE EFFORT.	AT 2,700 AMPS. MAIN GENERATOR 30,900 LB. AT 18-8 M.P.H. AT 1,800 AMP MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	1,550 H.P.	ENGINE FUEL BOILER FUEL. BOILER WATER.	710 GALLONS. 200 GALLONS. 800 GALLONS.	
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10 & 79 M.P.H.			

2000 H.P. E.E. TYPE 4 IC - CI DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 40

40-a X

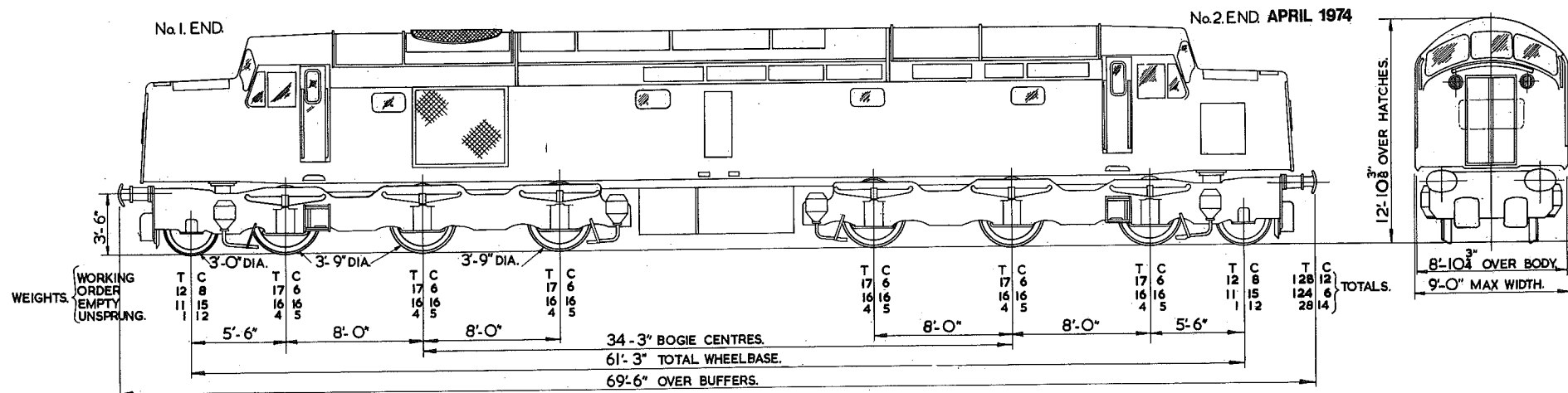


ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II	BRAKING	TYPE.	FOR LOCO.	AIR
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			FOR TRAIN.	VACUUM
MAIN GENERATOR.	MAX. CONT RATED OUTPUT.	2000 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE.	% OF LOCO. WEIGHT.	64%
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.			IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	MINIMUM RADIUS.	MAX PERMITTED SERVICE SPEED.		90 M.P.H.
	No.	SIX.				
PERFORMANCE.	TYPE OF SUSPENSION.	NOSE.	CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.		4-5 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION			HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3-6 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21.5% ADHESION.	TRAIN HEATING.	VERTICAL CONVEX.		18 CHAINS.
		AT 2,700 AMPS. MAIN GENERATOR.			VERTICAL CONCAVE.	18 CHAINS.
	CONT TRACTIVE EFFORT.	30,900 LB. AT 18.8 M.P.H.	EQUIPMENT.	BOILER MAKE & TYPE.		STONE-VAPOUR O.K.4625 OR B.R. 4625
		AT 1,800 AMP. MAIN GENERATOR.			STEAMING CAPACITY.	2750 LB/HOUR
	RAIL H.P. AT CONT. RATING.	1,550 H.P.	TANK CAPACITIES.	ENGINE FUEL.		710 GALLONS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.			BOILER FUEL.	200 GALLONS.
				BOILER WATER.		800 GALLONS.

## 2000 H.P. E.E. TYPE 4 IC-CI DIESEL ELECTRIC LOCOMOTIVE. CLASS 40

40-b V

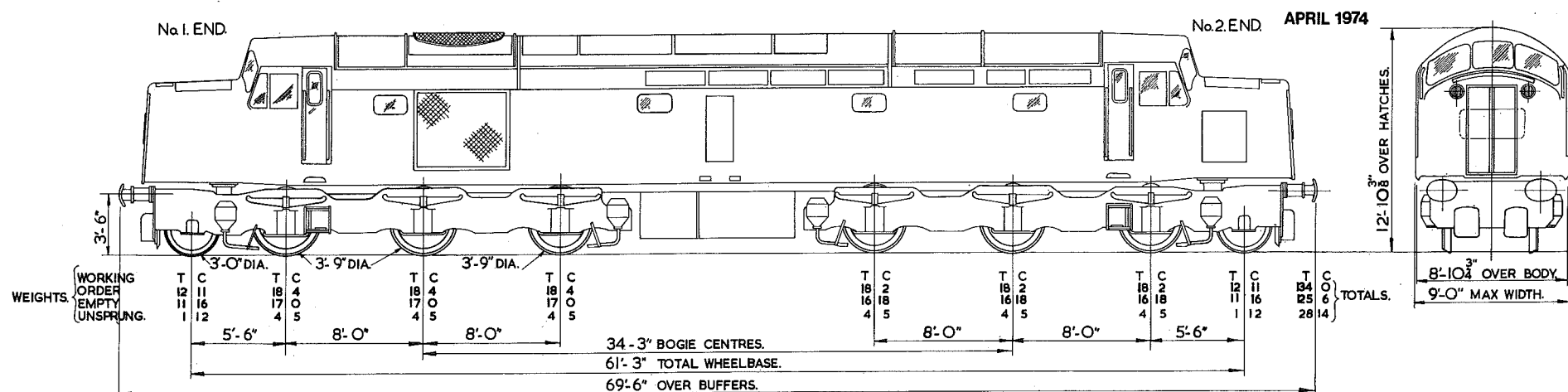




ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II	BRAKING	TYPE.	FOR LOCO.	AIR
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			FOR TRAIN.	VACUUM
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2000 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE.	% OF LOCO. WEIGHT. IN WORKING ORDER.	66.2%
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.				
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	MINIMUM RADIUS.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.	4.5 CHAINS.
	No.	SIX.				
PERFORMANCE.	TYPE OF SUSPENSION.	NOSE.	CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.	3.6 CHAINS.	18 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION				
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 223% ADHESION.	TRAIN HEATING.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	18 CHAINS.	18 CHAINS.
		AT 2,700 AMPS. MAIN GENERATOR.				
	CONT. TRACTIVE EFFORT.	30,900 LB. AT 18.8 M.P.H.	EQUIPMENT.	VERTICAL CONVEX.	STEAMING CAPACITY.	710 GALLONS.
		AT 1,800 AMP. MAIN GENERATOR.				
	RAIL H.P. AT CONT. RATING.	1,550 H.P.	TANK CAPACITIES.	BOILER MAKE & TYPE.		
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.				
				ENGINE FUEL.		
				BOILER FUEL.		
				BOILER WATER.		

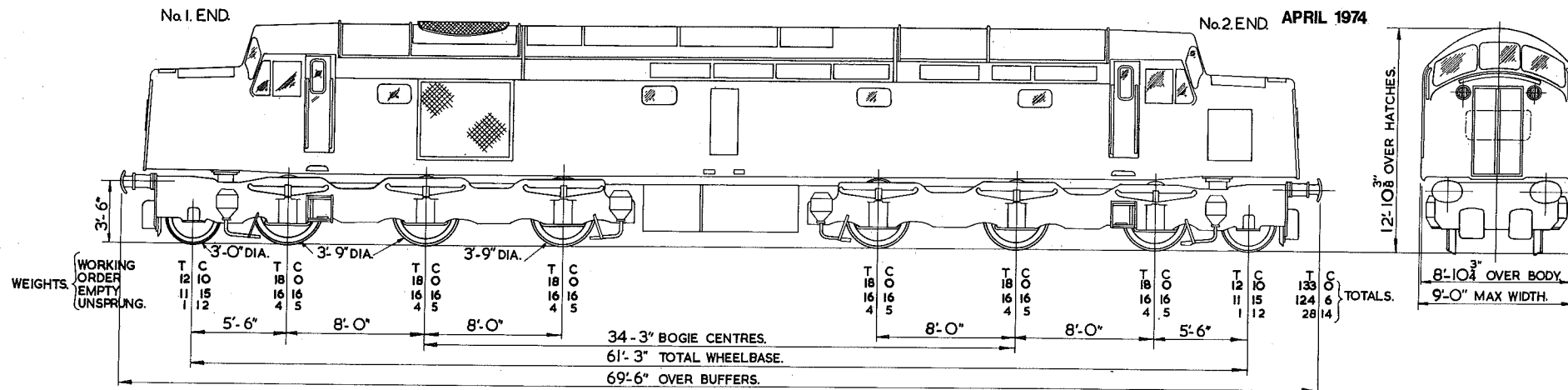
## 2000 H.P. E.E. TYPE 4 IC - CI DIESEL ELECTRIC LOCOMOTIVE. CLASS 40

40 - c V



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II		FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.		TYPE. { FOR TRAIN.	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT.	2000 H.P. AT 850 R.P.M.	BRAKING	{ BRAKE FORCE. { % OF LOCO. WEIGHT.	
MAIN GENERATOR.	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.		{ IN WORKING ORDER.	63.5%
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	No.	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	HORIZONTAL WITH $\frac{3}{4}$ INS. GAUGE WIDENING.	3.6 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION	CURVES.	VERTICAL CONVEX.	18 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21.1% ADHESION.		VERTICAL CONCAVE.	18 CHAINS.
		AT 2,700 AMPS. MAIN GENERATOR.	TRAIN HEATING.	BOILER MAKE & TYPE.	CLAYTON R.O. 2500 MARK 1
		30,900 LB. AT 18.8 M.P.H.	EQUIPMENT.	STEAMING CAPACITY.	2500 LB/HOUR.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 1,800 AMP MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	1,550 H.P.	TANK CAPACITIES.	ENGINE FUEL.	710 GALLONS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.		BOILER FUEL.	200 GALLONS.
				BOILER WATER.	800 GALLONS.

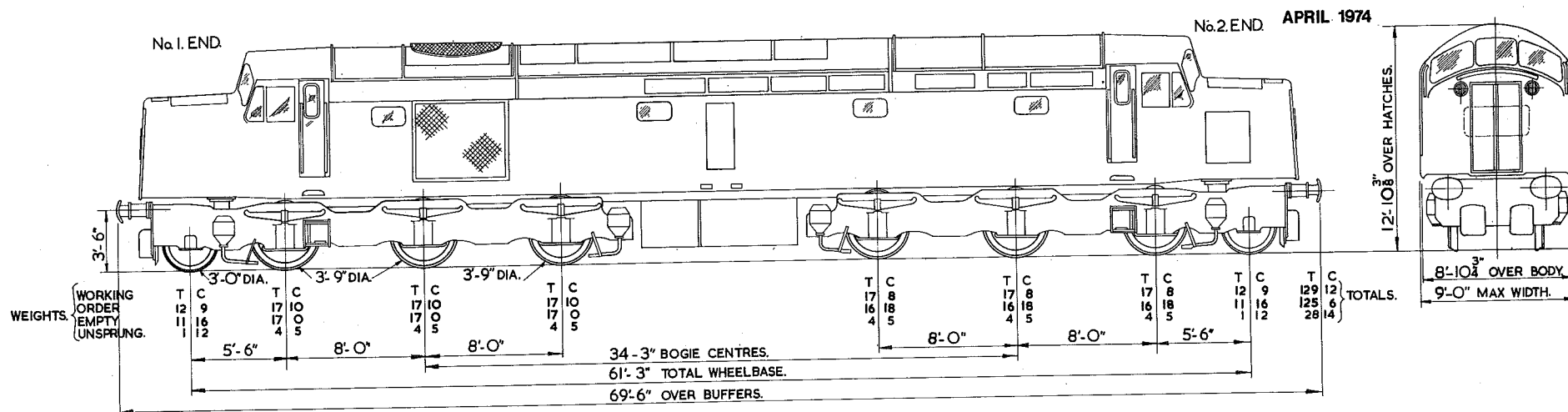
2000 H.P. E.E. TYPE 4 IC-CI DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 40



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II	BRAKING	TYPE. { FOR LOCO. FOR TRAIN.	AIR VACUUM
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT RATED OUTPUT.	2000 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	64%.
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.			
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	MINIMUM RADIUS. CURVES.	MAX PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	SIX.			
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION			
PERFORMANCE.	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21.5% ADHESION.	TRAIN HEATING. EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING.	4-5 CHAINS.
		AT 2,700 AMPS. MAIN GENERATOR.			
		AT 1,800 AMP. MAIN GENERATOR.			
	CONT TRACTIVE EFFORT.	30,900 LB. AT 18.8 M.P.H.	TANK CAPACITIES.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3-6 CHAINS.
		AT 1,800 AMP. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	1,550 H.P.			
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.		STEAMING CAPACITY.	CLAYTON R.O. 2500 MARK I. 2500 LB/HOUR.
				ENGINE FUEL.	710 GALLONS.
				BOILER FUEL.	200 GALLONS.
				BOILER WATER.	800 GALLONS.

## 2000 H.P. E.E. TYPE 4 IC - CI DIESEL ELECTRIC LOCOMOTIVE. CLASS 40

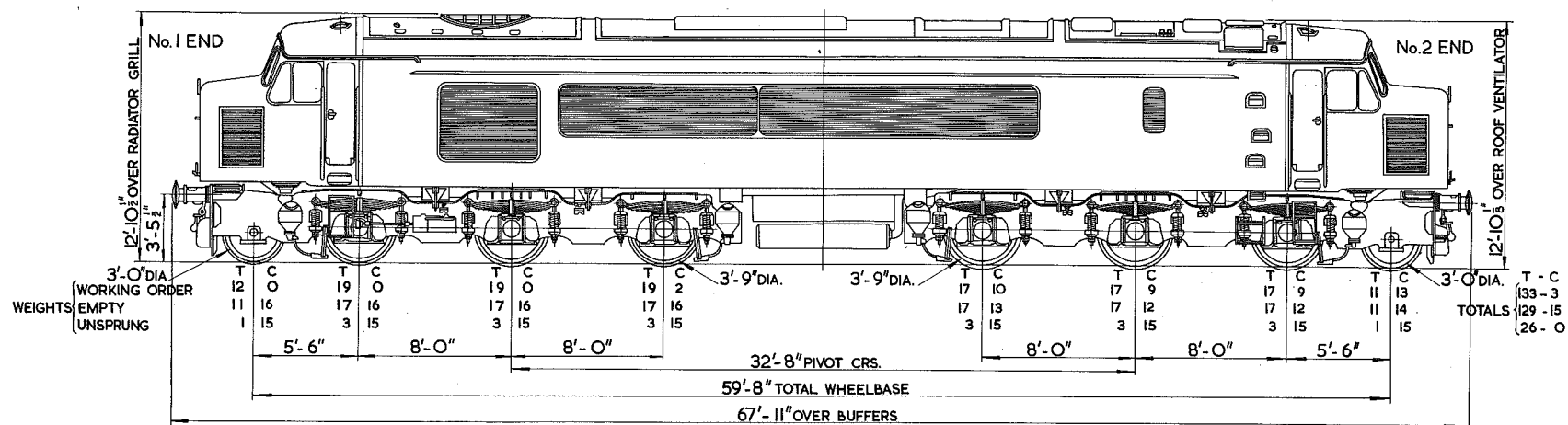
40-e V



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II	BRAKING	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2000 H.P. AT 850 R.P.M.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	65.7%
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.			
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	MINIMUM RADIUS. CURVES.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	SIX.			
	TYPE OF SUSPENSION.	NOSE.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION	TRAIN HEATING. EQUIPMENT.	HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 22.2% ADHESION.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,700 AMPS. MAIN GENERATOR. 30,900 LB. AT 18.8 M.P.H. AT 1,800 AMP. MAIN GENERATOR.	TANK CAPACITIES	STEAMING CAPACITY.	710 GALLONS.
	RAIL H.P. AT CONT. RATING.	1,550 H.P.			
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.			

## 2000 H.P. E.E. TYPE 4 IC-CI DIESEL ELECTRIC LOCOMOTIVE. CLASS 40

40-f X

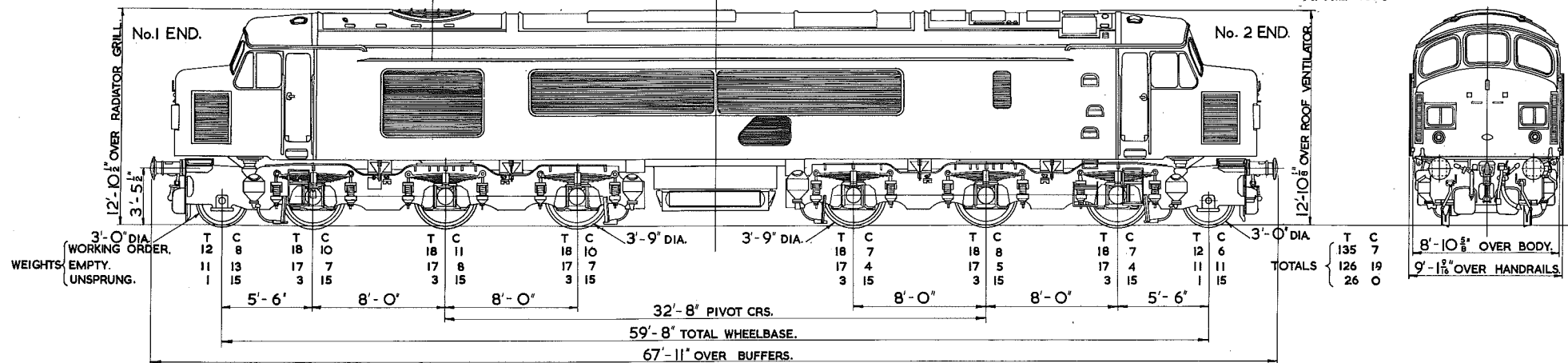


ENGINE.	MAKE & TYPE	SULZER 12 LDA.28.	BRAKING	TYPE { FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.			VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT	2300 H.P. AT 750 R.P.M.	SPEED.	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	79.5%
	MAKE & TYPE	CROMPTON PARKINSON C.G.426 A.I.			
TRACTION MOTORS.	MAKE & TYPE.	CROMPTON PARKINSON C. 171 B.I.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H.
	No.	SIX.			5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING EQUIPMENT		
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION. 57/22			
PERFORMANCE.	MAX. TRACTIVE EFFORT	50000 LB. AT 20.0% ADHESION	TANK CAPACITIES.	ENGINE FUEL. BOILER FUEL. BOILER WATER.	790 GALLS
	CONT. TRACTIVE EFFORT.	AT 4050 AMPS. MAIN GENERATOR. 29100 LB. AT 23.2 M.P.H.			
	RAIL H.P. AT CONT. RATING.	AT 2640 AMPS. MAIN GENERATOR. 1800 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 8.25 & 82.5 M.P.H.			

**2300 H.P. B.R. TYPE 4 IC.CI. DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 44**

**44-a V**

APRIL 1974



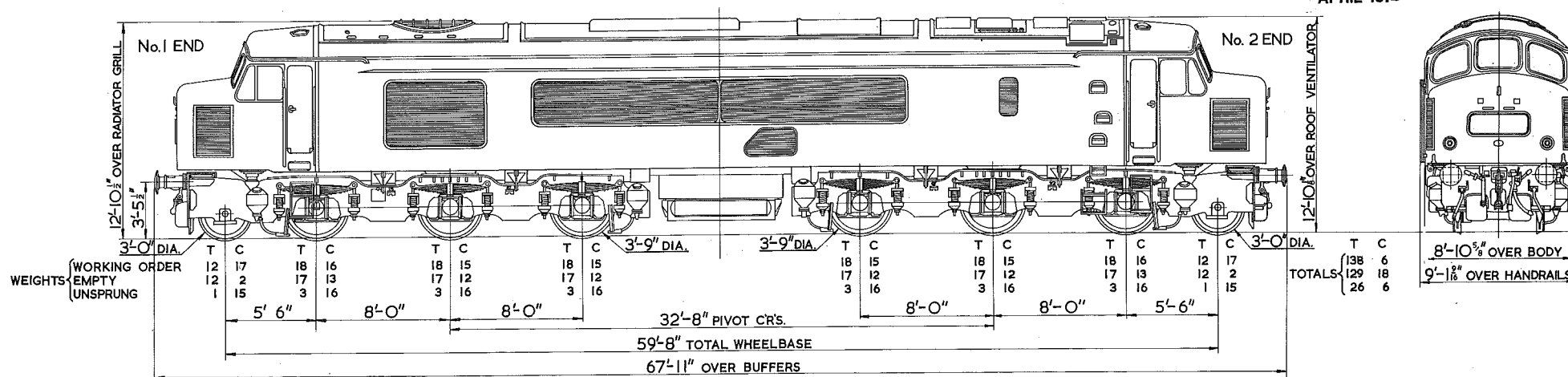
ENGINE.	MAKE & TYPE.	SULZER 12LDA. 28 B.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.			AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	77.6 %.
	MAKE & TYPE.	CROMPTON PARKINSON C.G.426 A.I.			
TRACTION MOTORS.	MAKE & TYPE.	CROMPTON PARKINSON C.172 A.I.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING.	5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	4.65 CHAINS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	CURVES.	VERTICAL CONVEX.	23 CHAINS.
	MAX. TRACTIVE EFFORT.	55,000 LBS. AT 22-1% ADHESION.		VERTICAL CONCAVE.	24 CHAINS.
		AT 4,200 AMPS. MAIN GENERATOR.	TRAIN HEATING.	BOILER MAKE & TYPE.	STONE VAPOR O.K.4625.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LBS. AT 25 M.P.H.	EQUIPMENT.	STEAMING CAPACITY.	2750 LBS./HOUR.
		AT 2,670 AMPS. MAIN GENERATOR.		ENGINE FUEL.	790 GALLS.
	RAIL H.P. AT CONT. RATING.	2,000 H.P.	TANK CAPACITIES.	BOILER FUEL.	1040 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 12 & 82 M.P.H.		BOILER WATER.	

## 2500 H.P. B.R. TYPE 4 IC-CI DIESEL ELECTRIC LOCOMOTIVE. CLASS 45/

45-b X



APRIL 1974



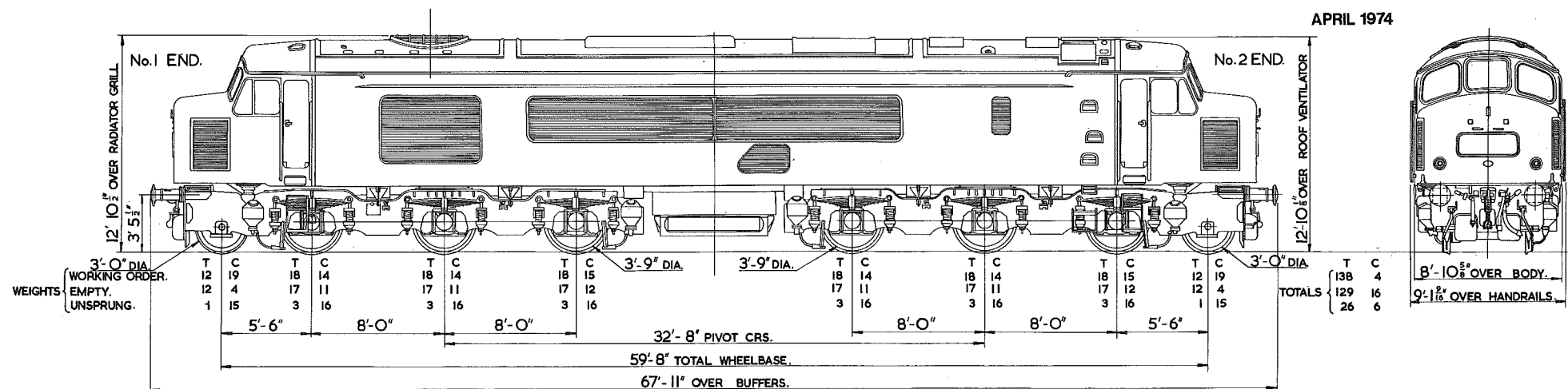
ENGINE	MAKE & TYPE	SULZER 12 LDA 28 B	BRAKING	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYLS. 4 STROKE			AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT	2500 H.P. AT 750 R.P.M.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	76.6%
MAIN GENERATOR	MAKE & TYPE	BRUSH E.E. Co. LTD. TG. 160-60			
	MAKE & TYPE	BRUSH E.E. Co. LTD. TM. 73-68 MK. III	SPEED	MAX. PERMITTED SERVICE SPEED	90 M.P.H.
	No.	SIX		HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
TRACTION MOTORS	TYPE OF SUSPENSION	NOSE	MINIMUM RADIUS	HORIZONTAL WITH $\frac{3}{4}$ INS. GAUGE WIDENING	4.65 CHAINS
	TYPE OF GEAR DRIVE	STRAIGHT SPUR	CURVES	VERTICAL CONVEX	23 CHAINS
				VERTICAL CONCAVE	24 CHAINS
	MAX. TRACTIVE EFFORT	55,000 LB. AT 21.8% ADHESION	TRAIN HEATING	BOILER MAKE & TYPE	STONE VAPOR O.K. 4625
		AT 3,300 AMPS. MAIN GENERATOR	EQUIPMENT	STEAMING CAPACITY	2750 LB./HOUR
	CONT. TRACTIVE EFFORT	31,600 LB. AT 23.3 M.P.H.			
PERFORMANCE		AT 2,100 AMPS. MAIN GENERATOR	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL }	790 GALLS.
	RAIL H.P. AT CONT. RATING	1962 H.P.		BOILER WATER	1040 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 11.2 & 85 M.P.H.			

2500 H.P. B.R. TYPE 4 IC-CI DIESEL ELECTRIC LOCOMOTIVE  
CLASS 46

46-	a	X
-----	---	---



APRIL 1974



ENGINE.	MAKE & TYPE.	SULZER 12 LDA. 28 B.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.			AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 R.P.M.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	76.6 %
	MAKE & TYPE.	BRUSH E.E. Co. LTD. T.G.160-60.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	MAKE & TYPE.	BRUSH E.E. Co. LTD. T.M.73-68 MK.III.		HORIZONTAL WITHOUT GAUGE WIDENING.	5 CHAINS.
	No.	SIX.	MINIMUM RADIUS	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	4.65 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	CURVES.	VERTICAL CONVEX.	23 CHAINS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.		VERTICAL CONCAVE.	24 CHAINS.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	55000 LBS. AT 21.9% ADHESION.	TRAIN HEATING	BOILER MAKE & TYPE.	SPANNER SWIRLYFLO MK.III.
	CONT. TRACTIVE EFFORT.	AT 3300 AMPS. MAIN GENERATOR.	EQUIPMENT.	STEAMING CAPACITY.	1850 LBS/HOUR.
	RAIL H.P. AT CONT. RATING.	31600 LBS. AT 23.3 M.P.H.	TANK CAPACITIES.	ENGINE FUEL.	790 GALLS.
	FULL ENGINE OUTPUT.	AT 2100 AMPS. MAIN GENERATOR.		BOILER FUEL.	1040 GALLS.
		1962 H.P.		BOILER WATER.	
		AVAILABLE BETWEEN 11.2 & 85 M.P.H.			

# 2500 H.P. BR TYPE 4 IC-DIESEL ELECTRIC LOCOMOTIVE. CLASS 46

46- b X

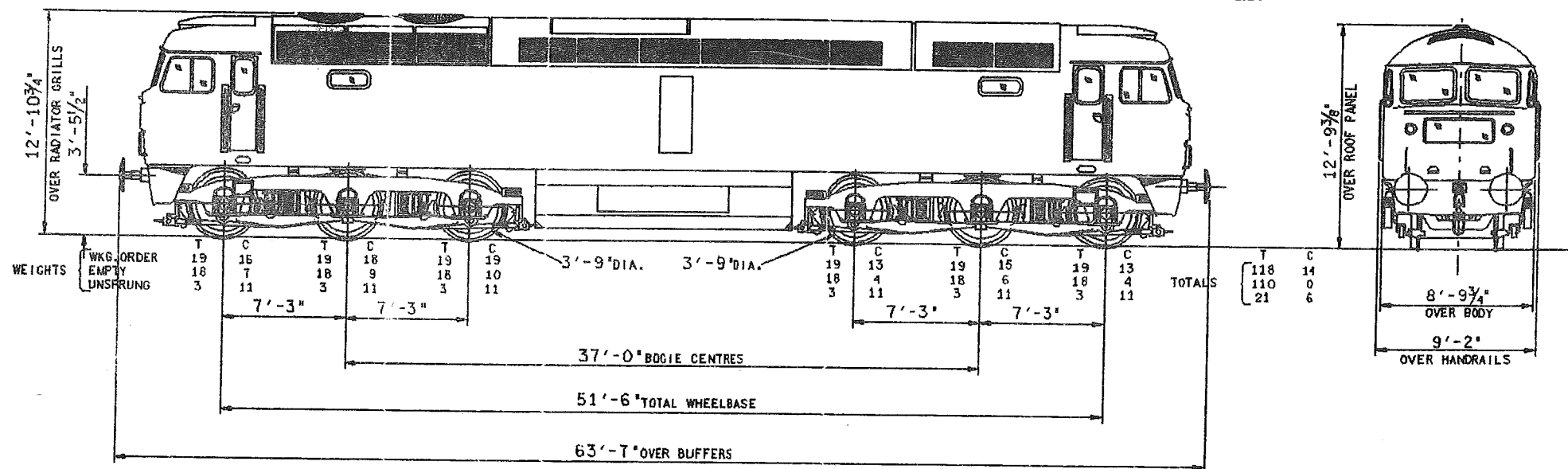
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0a X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.			83.8%.
TRACTION MOTORS	MAKE & TYPE	BRUSH TG 172-50 MK.1	MULTIPLE WORKING	COUPLING SYMBOL	-
	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	No	SIX.	MINIMUM RADIUS	HORIZONTAL WITH 1/4 INS. GAUGE WIDENING	3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	CURVES	VERTICAL CONVEX	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.		VERTICAL CONCAVE	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB. AT 23.3% ADHESION	TRAIN HEATING	BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MK.3.
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 7,500 AMPS. MAIN GENERATOR.	EQUIPMENT		1850 LB/HR
		30,000 LB. AT 26 M.P.H.			
	RAIL H.P. AT CONT. RATING	AT 4,260 AMPS. MAIN GENERATOR	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	720 GALLONS.
	FULL ENGINE OUTPUT	2,080 H.P.			1250 GALLONS
DATA PANEL	WEIGHT	AVAILABLE BETWEEN 10.5&77 MPH			
	BRAKE FORCE	117 TONNES			
	E.T.H. INDEX	60 TONNES			
	ROUTE AVAILABILITY	6.			
	MAX. SPEED	95 M.P.H.			

OCT. 1984

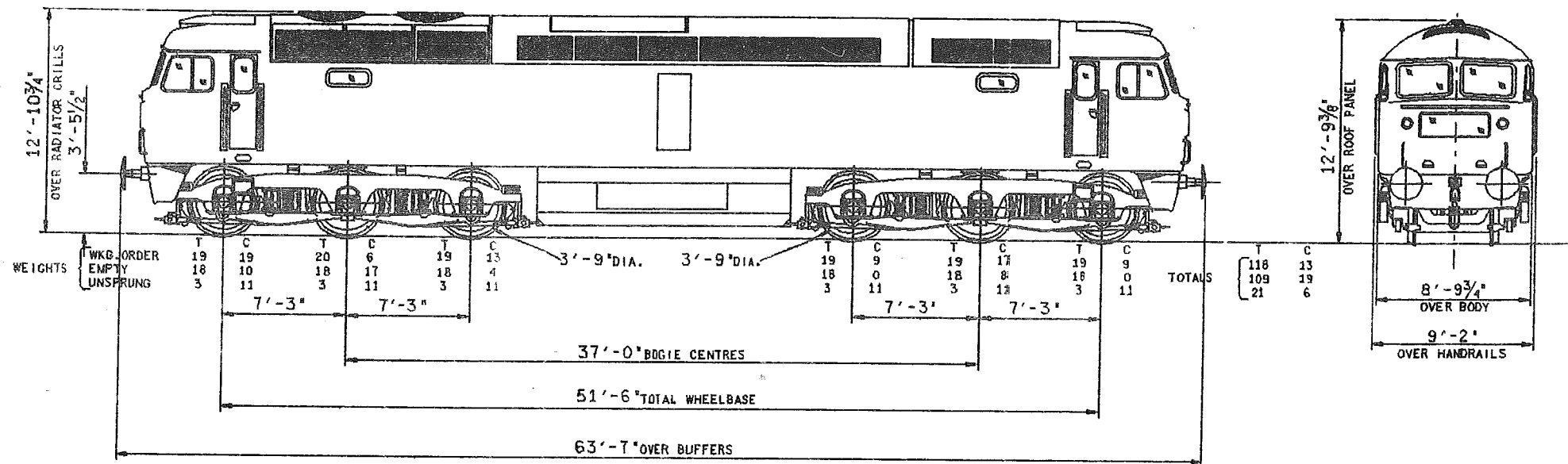
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0b X

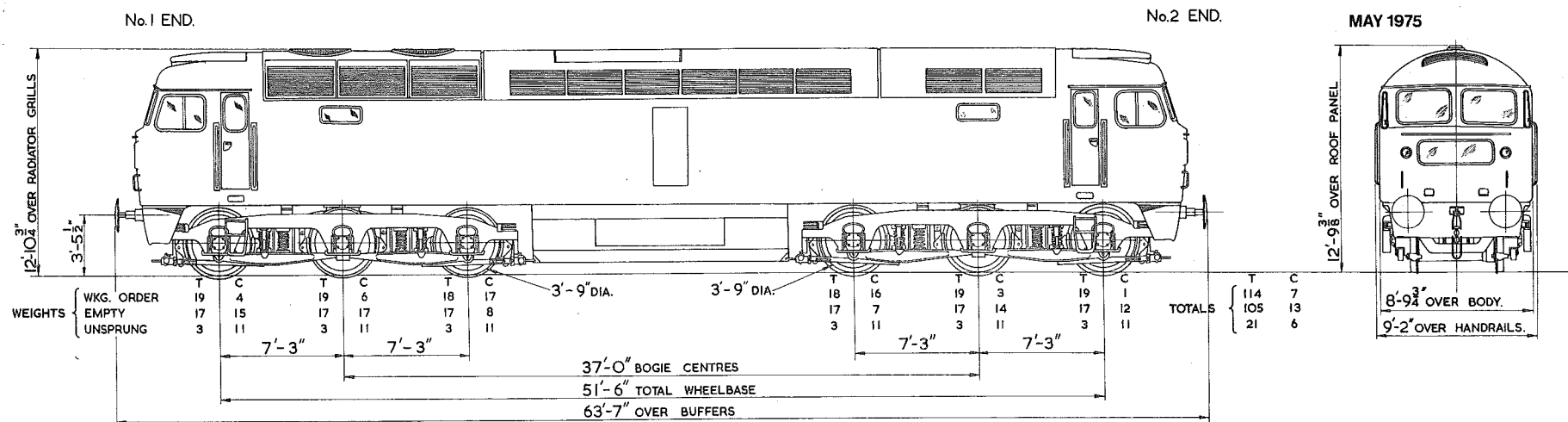
No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.			83.9%.
	MAKE & TYPE	BRUSH TG 160-60 MK.2	MULTIPLE WORKING	COUPLING SYMBOL	-
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	No.	SIX.		HORIZONTAL WITH 1/4 INS. GAUGE WIDENING	3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	CURVES	VERTICAL CONCAVE	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB. AT 23.3% ADHESION			
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 3,750 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MK.3.
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.	EQUIPMENT		1850 LB/HR
	FULL ENGINE OUTPUT	AT 2,130 AMPS. MAIN GENERATOR			
	WEIGHT	2,080 H.P. AVAILABLE BETWEEN 10.5&77 MPH			
DATA PANEL	BRAKE FORCE	117 TONNES	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	720 GALLONS.
	E.T.H. INDEX	60 TONNES			1250 GALLONS
	ROUTE AVAILABILITY	6.			
	MAX. SPEED	95 M.P.H.			

OCT. 1984



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA 28 C. 12 CYL 4 STROKE. 2580HP AT 750 RPM.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM.
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH TG 160-60 MK.4. BRUSH TM 64-68 MK.I.A.	SPEED.	MAX PERMITTED SERVICE SPEED.	87 %
TRACTION MOTORS.	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 24.2% ADHESION AT 3750 AMPS. MAIN GENERATOR.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	95 MPH.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 26 M.P.H. AT 2,130 AMPS. MAIN GENERATOR. 2080 H.P. AVAILABLE BETWEEN 10.5 & 7.7 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	4 CHAINS. 10 CHAINS. 10 CHAINS. SPANNER MARK III 1850 LB./HR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS. 1250 GALLONS.

**2580 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 47/0**

**47-c V**

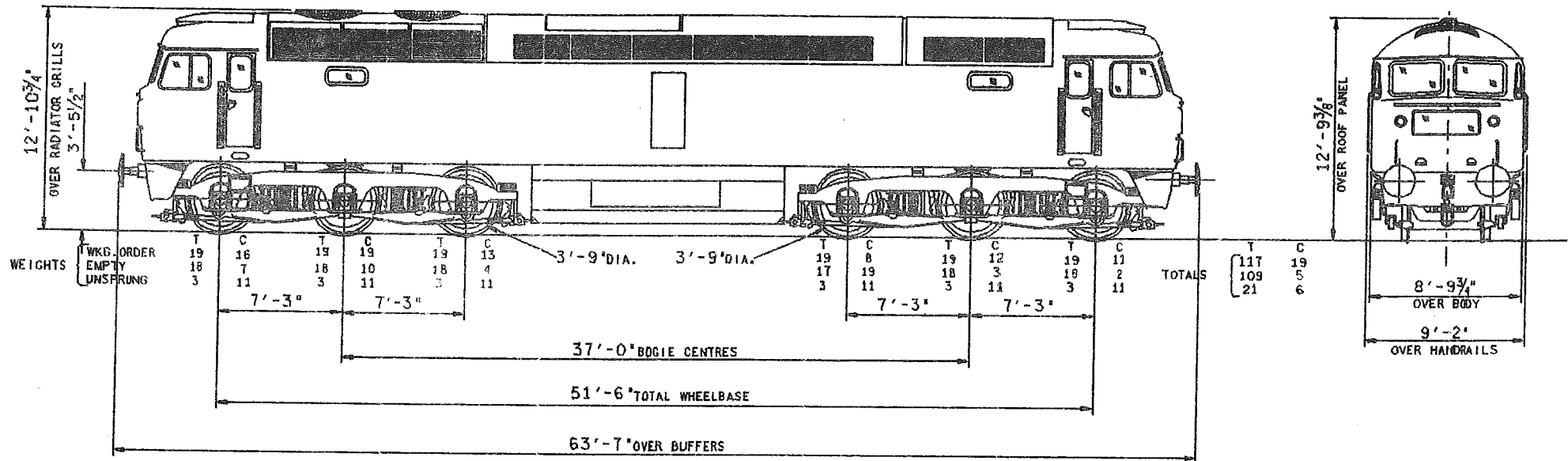
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0d X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE	FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	NO. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE	% OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.				84.3%.
TRACTION MOTORS	MAKE & TYPE	BRUSH TG 160-60 MK.4	MULTIPLE WORKING	COUPLING SYMBOL		
	MAKE & TYPE	BRUSH TM 64-68 MK.1.A				
	NO.	SIX.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING		4 CHAINS.
	TYPE OF SUSPENSION	NOSE.	CURVES	HORIZONTAL WITH 1/4 INS. GAUGE WIDENING		3.75 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.		VERTICAL CONVEX		10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB. AT 23.5% ADHESION		VERTICAL CONCAVE		10 CHAINS.
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 3,750 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER	MAKE & TYPE STEAMING CAPACITY	SPANNER MK.3.
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.	EQUIPMENT			1850 LB/HR
	FULL ENGINE OUTPUT	AT 2,130 AMPS. MAIN GENERATOR				
DATA PANEL	WEIGHT	2,080 H.P. AVAILABLE BETWEEN 10.5&85 MPH	TANK CAPACITIES	ENGINE FUEL		720 GALLONS.
	BRAKE FORCE	117 TONNES		BOILER FUEL		1250 GALLONS
	E.T.H. INDEX	60 TONNES		BOILER WATER		
	ROUTE AVAILABILITY	6.				
	MAX. SPEED	95 M.P.H.				

OCT. 1984

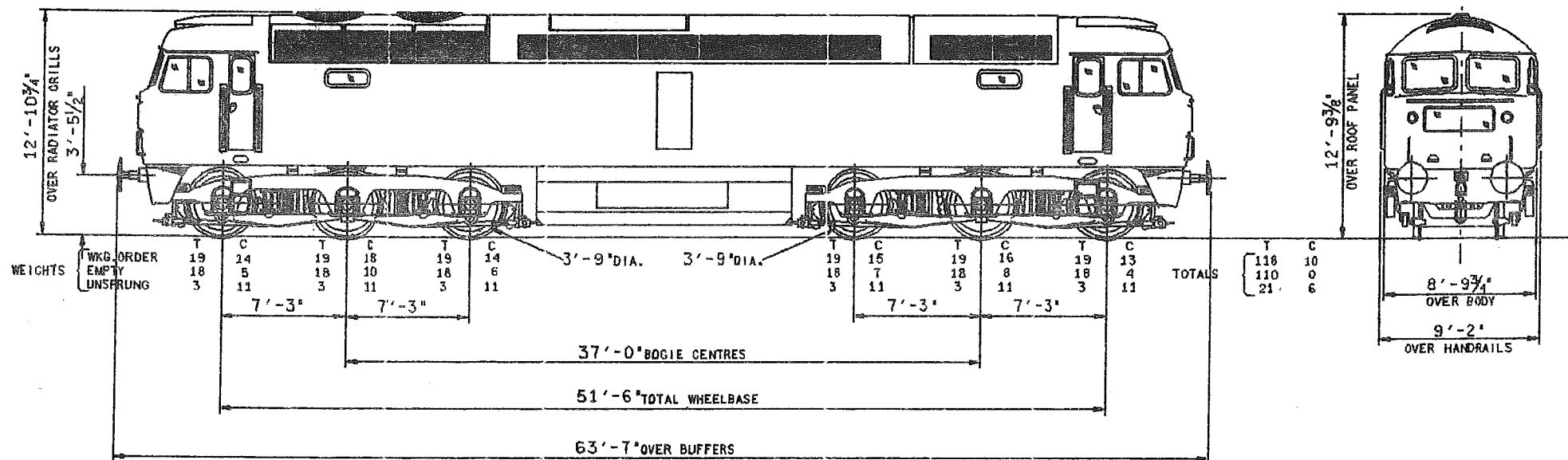
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0e X

No.1 END.

No.2 END.



## ENGINE

## MAIN GENERATOR

## TRACTION MOTORS

## PERFORMANCE

## DATA PANEL

MAKE & TYPE  
No. OF CYLS. & CYCLE  
MAX. CONT. RATED OUTPUT  
MAKE & TYPE  
MAKE & TYPE  
No  
TYPE OF SUSPENSION  
TYPE OF GEAR DRIVE  
MAX TRACTIVE EFFORT  
CONT. TRACTIVE EFFORT  
RAIL H.P. AT CONT. RATING  
FULL ENGINE OUTPUT  
WEIGHT  
BRAKE FORCE  
E.T.H. INDEX  
ROUTE AVAILABILITY  
MAX. SPEED

SULZER 12 L.D.A. 28C.  
12 CYL. 4 STROKE.  
2580 H.P. AT 750 R.P.M.  
BRUSH TG 172-50 MK.1  
BRUSH TM 64-68 MK.1.A.  
SIX.  
NOSE.  
STRAIGHT SPUR.  
62,000 LB. AT 23.4% ADHESION  
AT 7,500 AMPS. MAIN GENERATOR.  
30,000 LB. AT 26 M.P.H.  
AT 4,260 AMPS. MAIN GENERATOR  
2,080 H.P.  
AVAILABLE BETWEEN 10.5 & 77 MPH  
117 TONNES  
60 TONNES  
-  
6.  
95 M.P.H.

## BRAKING

## MULTIPLE WORKING

## MINIMUM RADIUS CURVES

## TRAIN HEATING EQUIPMENT

## TANK CAPACITIES

TYPE { FOR LOCO  
FOR TRAIN  
BRAKE FORCE { % OF LOCO WEIGHT  
IN WORKING ORDER

## COUPLING SYMBOL

HORIZONTAL WITHOUT GAUGE WIDENING  
HORIZONTAL WITH 3/4 INS. GAUGE WIDENING  
VERTICAL CONVEX  
VERTICAL CONCAVE

BOILER { MAKE & TYPE  
STEAMING CAPACITY

{ ENGINE FUEL  
BOILER FUEL  
BOILER WATER

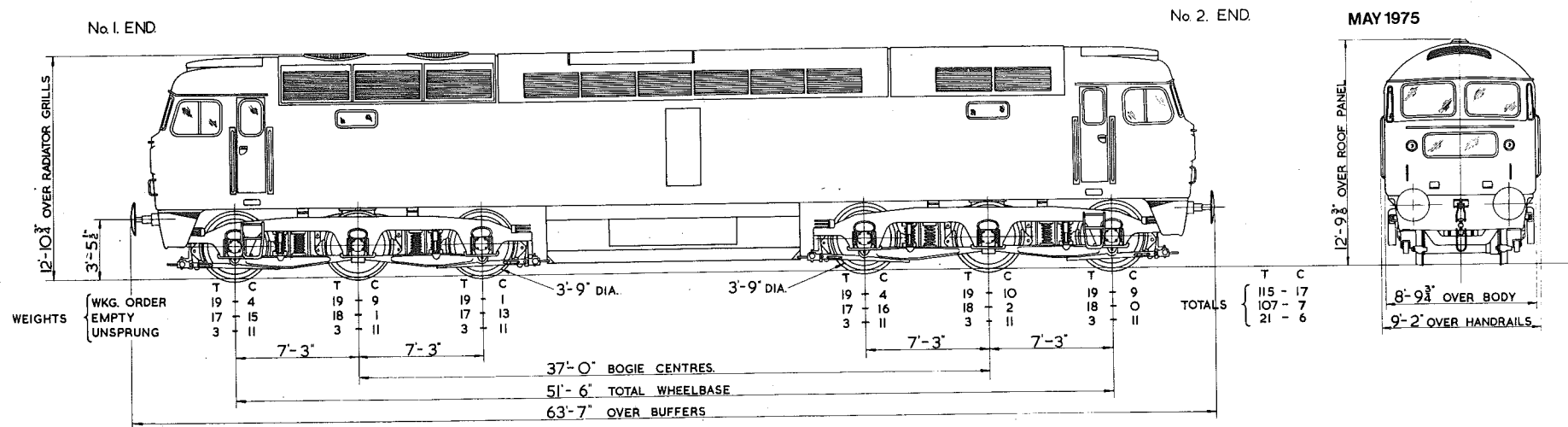
STRAIGHT AIR & AUTO. AIR  
AUTO. AIR & AIR CONT. VAC.  
83.9%.

4 CHAINS.  
3.75 CHAINS.  
10 CHAINS.  
10 CHAINS.

SPANNER MK.3.  
1850 LB/HR

720 GALLONS.  
1200 GALLONS

OCT. 1984



ENGINE.	MAKE & TYPE.	SULZER 12 L.D.A 28 C.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
	No. OF CYLS. & CYCLE.	12 CYL 4 STROKE.			
	MAX. CONT. RATED OUTPUT.	2580HP AT 750 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG.172-50 MK.I.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	85-9%
	MAKE & TYPE.	BRUSH TM.64-68 MK.IA.			
	No.	SIX.			
TRACTION MOTORS.	TYPE OF SUSPENSION.	NOSE.	MINIMUM RADIUS CURVES	MAX PERMITTED SERVICE SPEED.	95 M.P.H.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.			
	MAX. TRACTIVE EFFORT.	62000 LB AT 23.9% ADHESION			
PERFORMANCE	CONT. TRACTIVE EFFORT.	AT 7500 AMPS MAIN GENERATOR.	TRAIN HEATING EQUIPMENT	HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
	RAIL H.P. AT CONT. RATING.	30000 LB. AT 26 M.P.H.			
	FULL ENGINE OUTPUT.	AT 4260 AMPS MAIN GENERATOR.	TANK CAPACITIES	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.75 CHAINS.
		2080 H.P.			
		AVAILABLE BETWEEN 10.5 & 77M.P.H.		VERTICAL CONVEX.	10 CHAINS.
				VERTICAL CONCAVE.	10 CHAINS.
				BOILER MAKE & TYPE.	STONE VAPOR BR.4625.
				STEAMING CAPACITY.	2750 LB/HR.
				ENGINE FUEL	765 GALLONS.
				BOILER FUEL	1200 GALLONS.
				BOILER WATER	

2580 H.P BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47/0

47-f V

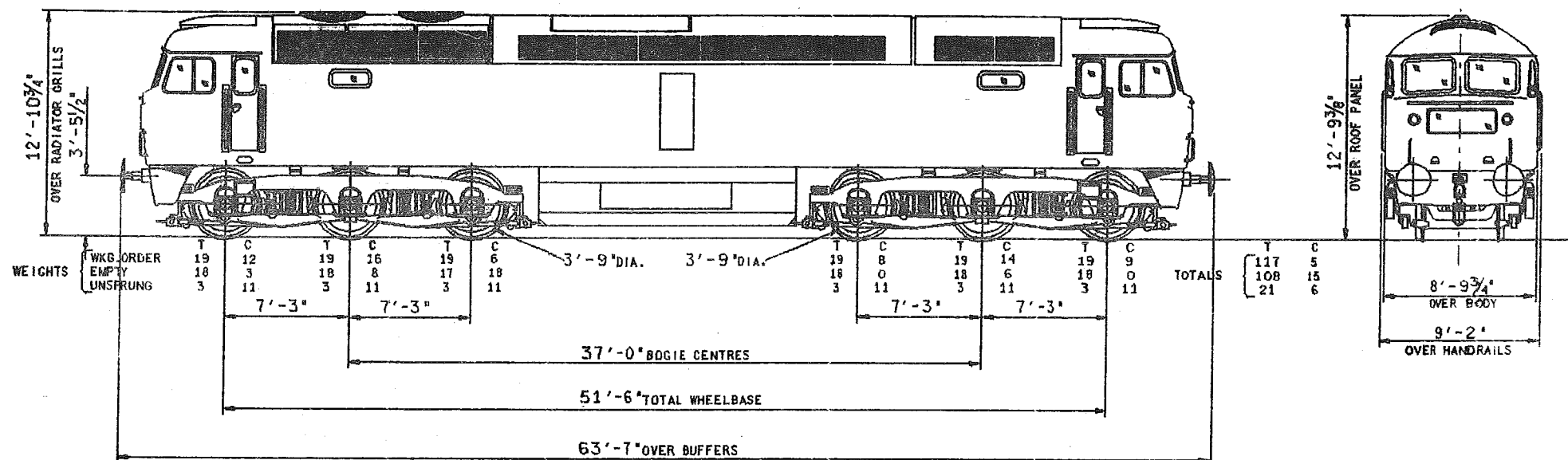
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0g X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE	FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	NO. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE	% OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.				84.8%.
	MAKE & TYPE	BRUSH TG 172-50 MK.1	MULTIPLE WORKING	COUPLING SYMBOL		-
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.		HORIZONTAL WITHOUT GAUGE WIDENING		4 CHAINS.
	NO.	SIX.		HORIZONTAL WITH 1/4 INS. GAUGE WIDENING		3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	VERTICAL CONVEX		10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	CURVES	VERTICAL CONCAVE		10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB. AT 23.6% ADHESION				
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 7,500 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER	MAKE & TYPE	STONE VAPOR BR. 4625.
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.	EQUIPMENT		STEAMING CAPACITY	2750 LB/HR
	FULL ENGINE OUTPUT	AT 4,260 AMPS. MAIN GENERATOR				
	WEIGHT	2,080 H.P.				
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 10.5 & 77 MPH	TANK CAPACITIES	ENGINE FUEL		720 GALLONS.
	E.T.H. INDEX	117 TONNES		BOILER FUEL		1200 GALLONS
	ROUTE AVAILABILITY	60 TONNES		BOILER WATER		
	MAX. SPEED	-				
		6.				
		95 M.P.H.				

OCT. 1984



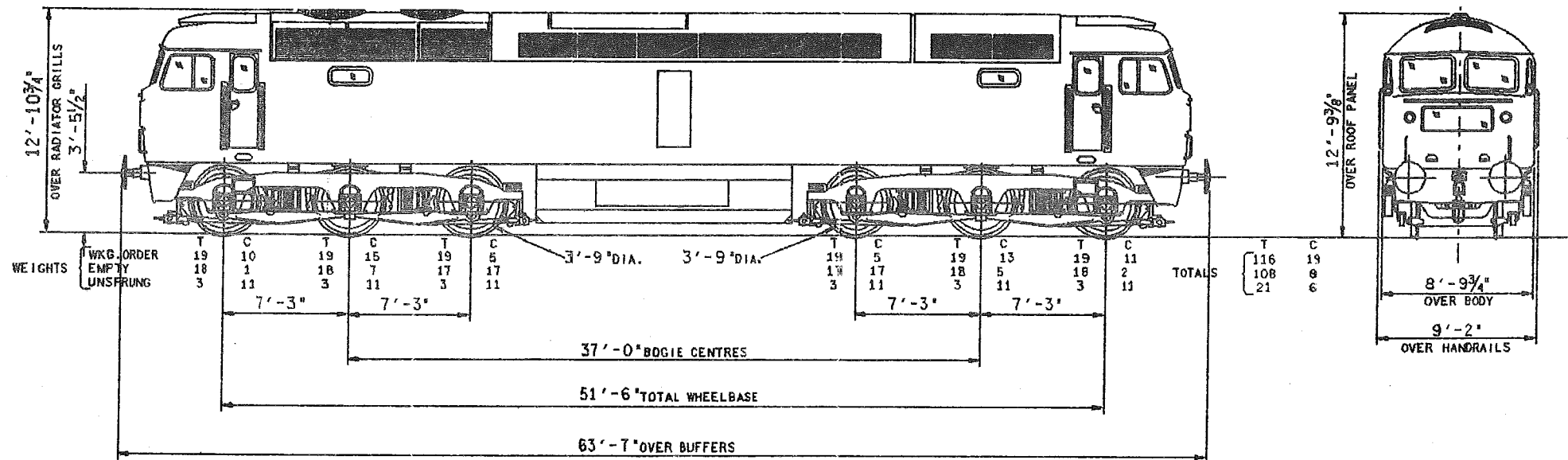
# 2580 H.P.BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0h X

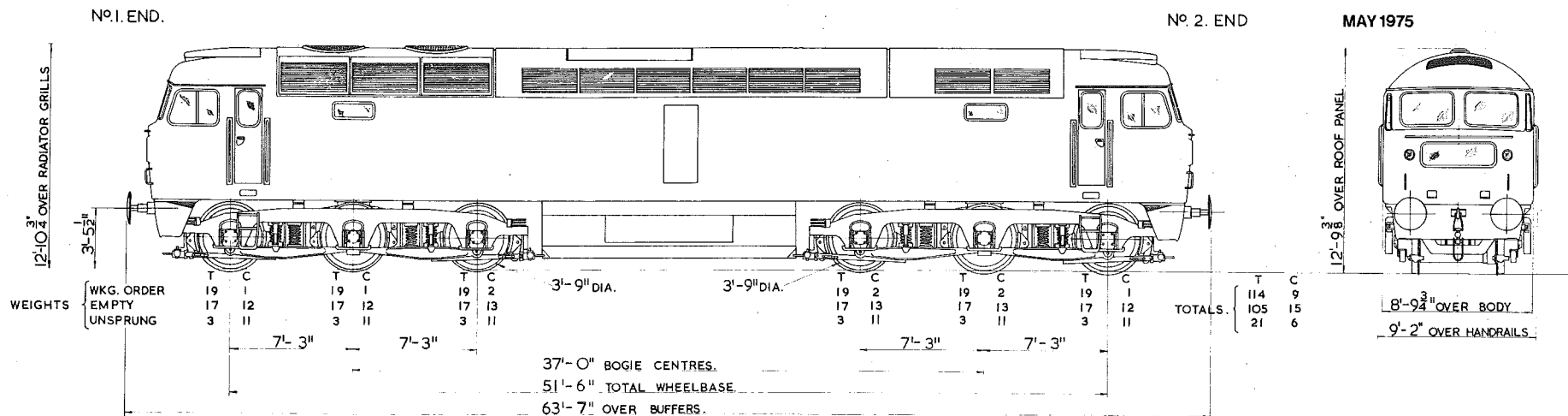
No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.			85.1%.
	MAKE & TYPE	BRUSH TG 172-50 MK.1	MULTIPLE WORKING	COUPLING SYMBOL	-
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	No	SIX.		HORIZONTAL WITH 1/4 INS.GAUGE WIDENING	3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPLR.	CURVES	VERTICAL CONCAVE	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB.AT 23.8% ADHESION	TRAIN HEATING	BOILER { MAKE & TYPE STEAMING CAPACITY	CLAYTON MK 2.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 7,500 AMPS. MAIN GENERATOR.	EQUIPMENT		2500 LB/HR
	RAIL H.P.AT CONT.RATING	30,000 LB.AT 26 M.P.H.			
	FULL ENGINE OUTPUT	AT 4,260 AMPS. MAIN GENERATOR	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	720 GALLONS.
	WEIGHT	2,080 H.P.			1200 GALLONS
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 10.5&77 MPH			
	E.T.H.INDEX	117 TONNES			
	ROUTE AVAILABILITY	60 TONNES			
	MAX.SPEED	6.			
		95 M.P.H.			

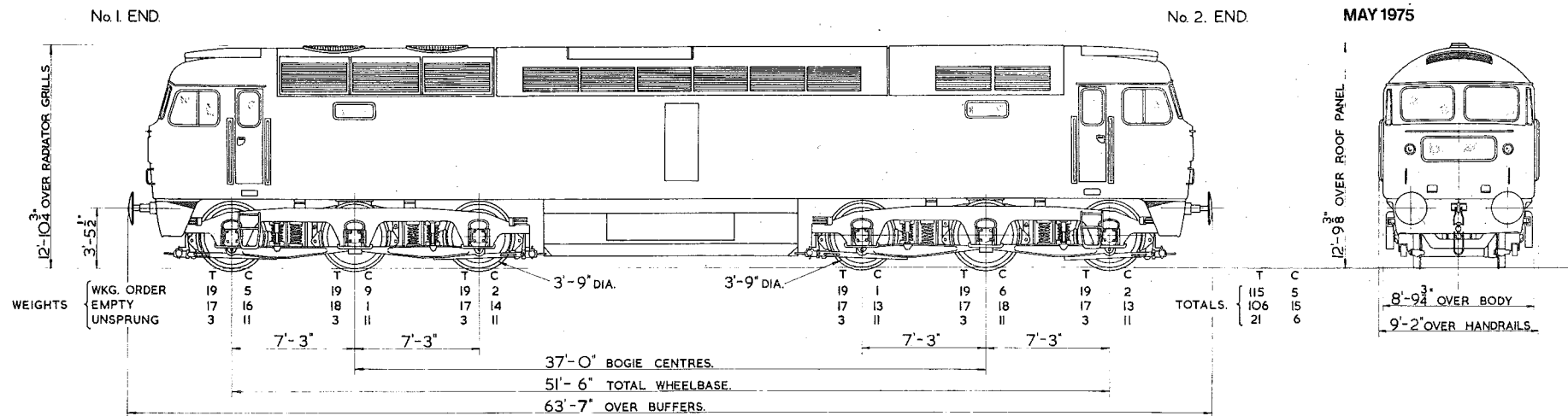
OCT.1984



ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28C	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM
	No. OF CYLS. & CYCLE.	12 CYL; 4 STROKE			
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2580 HP AT 750 R.P.M.	SPEED.	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	87%
	MAKE & TYPE.	BRUSH TG 160-60 MK. 2.			
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM 64-68 MK. 1.	CURVE.	MAX. PERMITTED SERVICE SPEED	95 M.P.H.
	No.	SIX			
	TYPE OF SUSPENSION.	NOSE	TRAIN HEATING EQUIPMENT.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR			
PERFORMANCE.	MAX. TRACTIVE EFFORT.	62,000 LB. AT 24.2% ADHESION AT 3750 AMPS. MAIN GENERATOR	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	SPANNER MARK III 1850 LB/HR.  765 GALLONS  1250 GALLONS
	CONT. TRACTIVE EFFORT.	30,000 LB. AT 26 M.P.H. AT 2,130 AMPS. MAIN GENERATOR			
	RAIL H.P. AT CONT. RATING.	2080 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.5 & 77 M.P.H.			

**2580 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47/0**

47-j V



ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28 C.	BRAKING.	TYPE {	FOR LOCO.	AIR.
	No. OF CYLS. & CYCLE.	12 CYL 4 STROKE.		FOR TRAIN.		VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2580 H.P. AT 750 R.P.M.		BRAKE FORCE {	% OF LOCO. WEIGHT	86.4%.
	MAKE & TYPE.	T.G. 172 - 50 MK. I.		IN WORKING ORDER.		
TRACTION MOTORS.	MAKE & TYPE.	T.M. 64 - 68 MK. I.A.	SPEED.	MAX. PERMITTED SERVICE SPEED.		95 M.P.H.
	No.	SIX.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING.		4 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	CURVES.	VERTICAL CONVEX.		10 CHAINS
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.		VERTICAL CONCAVE.		10 CHAINS
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 24% ADHESION	TRAIN HEATING	BOILER MAKE & TYPE.		SPANNER MARK III.
		AT 7500 AMPS. MAIN GENERATOR.	EQUIPMENT.	STEAMING CAPACITY.		1850 LB/HR.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 26 M.P.H.	TANK CAPACITIES.	ENGINE FUEL.		765 GALLONS.
	RAIL H.P. AT CONT. RATING.	AT 4260 AMPS. MAIN GENERATOR.		BOILER FUEL.		1200 GALLONS.
	FULL ENGINE OUTPUT.	2080 H.P.		BOILER WATER.		
		AVAILABLE BETWEEN 10.5 & 77 M.P.H.				

**2580 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 47/0**

47-k V

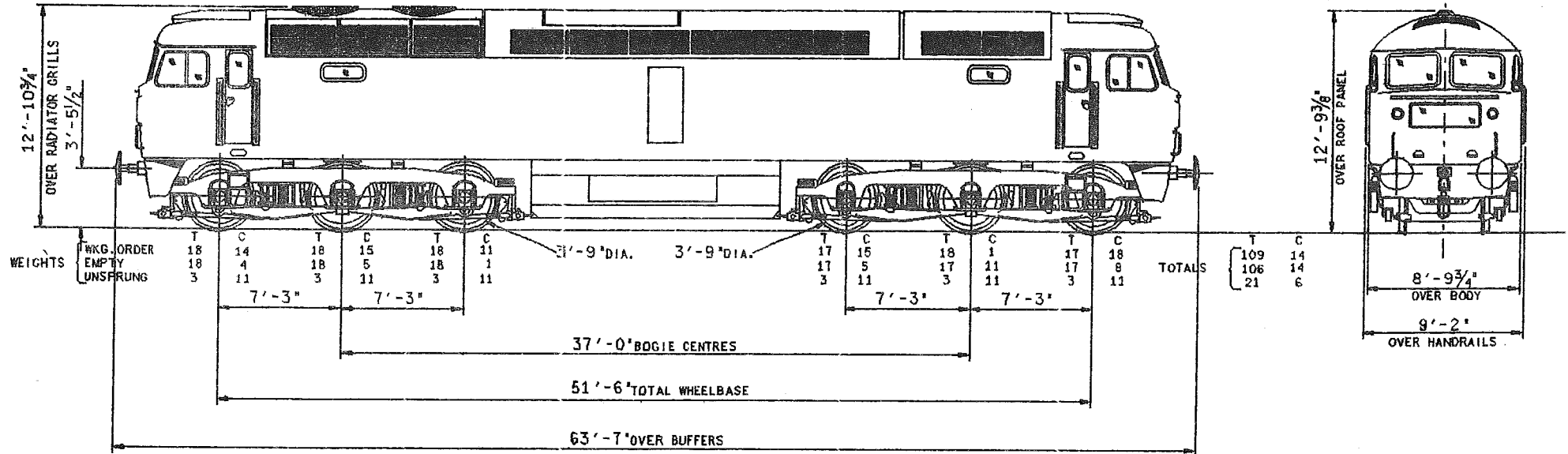
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-01 X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.280.	TYPE	FOR LOCO	STRAIGHT AIR & AUTO. AIR
	NO. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.	BRAKE FORCE	% OF LOCO WEIGHT	90.6%.
	MAKE & TYPE	BRUSH TG 172-50 MK.1		IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.	MULTIPLE WORKING	COUPLING SYMBOL	-
	NO	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	TYPE OF SUSPENSION	NOSE.		HORIZONTAL WITH 1/4 INS.GAUGE WIDENING	3.75 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB.AT 25.2% ADHESION	CURVES	VERTICAL CONCAVE	10 CHAINS.
		AT 7,500 AMPS. MAIN GENERATOR.			
PERFORMANCE	CONT.TRACTIVE EFFORT	30,000 LB.AT 26 M.P.H.	TRAIN HEATING		NOT FITTED
		AT 4,260 AMPS. MAIN GENERATOR	EQUIPMENT		
	RAIL H.P.AT CONT.RATING	2,080 H.P.			
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10.5&77 MPH			
	WEIGHT	117 TONNES			
DATA PANEL	BRAKE FORCE	60 TONNES	TANK CAPACITIES	ENGINE FUEL	720 GALLONS.
	E.T.H.INDEX	-			
	ROUTE AVAILABILITY	6.			
	MAX.SPEED	95 M.P.H.			

OCT.1984

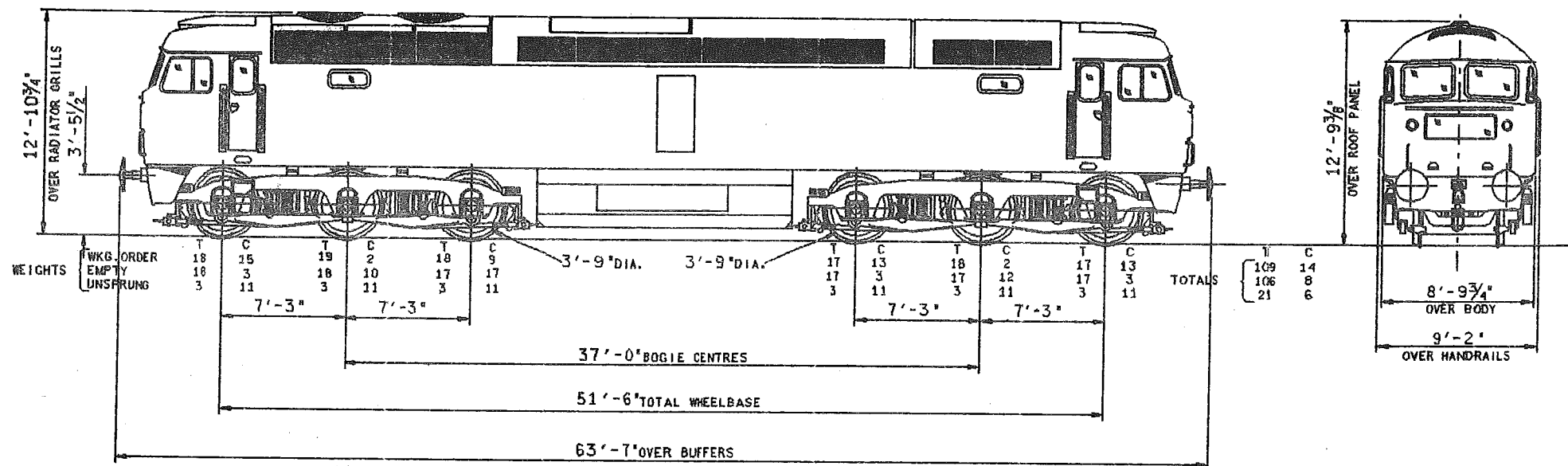
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/0

47-0m X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	TYPE { FOR LOCO	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.	{ FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.	BRAKE FORCE { % OF LOCO WEIGHT	90.7%.
	MAKE & TYPE	BRUSH TG 160-60 MK.2	{ IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1	MULTIPLE WORKING COUPLING SYMBOL	-
	No	SIX.	{ HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	TYPE OF SUSPENSION	NOSE.	{ HORIZONTAL WITH 3/4INS.GAUGE WIDENING	3.75 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	{ VERTICAL CONVEX	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB.AT 25.2% ADHESION	{ VERTICAL CONCAVE	10 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 3,750 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT	BOILER { MAKE & TYPE
	RAIL H.P.AT CONT.RATING	30,000 LB.AT 26 M.P.H.		{ STEAMING CAPACITY
	FULL ENGINE OUTPUT	AT 2,130 AMPS. MAIN GENERATOR		
DATA PANEL	WEIGHT	2,080 H.P.	TANK CAPACITIES { ENGINE FUEL	SPANNER MK.3.
	BRAKE FORCE	AVAILABLE BETWEEN 10.5&77 MPH	{ BOILER FUEL	1850 LB/HR
	E.T.H.INDEX	117 TONNES	{ BOILER WATER	
	ROUTE AVAILABILITY	60 TONNES		720 GALLONS.
	MAX.SPEED	6.		1250 GALLONS
		95 M.P.H.		

OCT. 1984

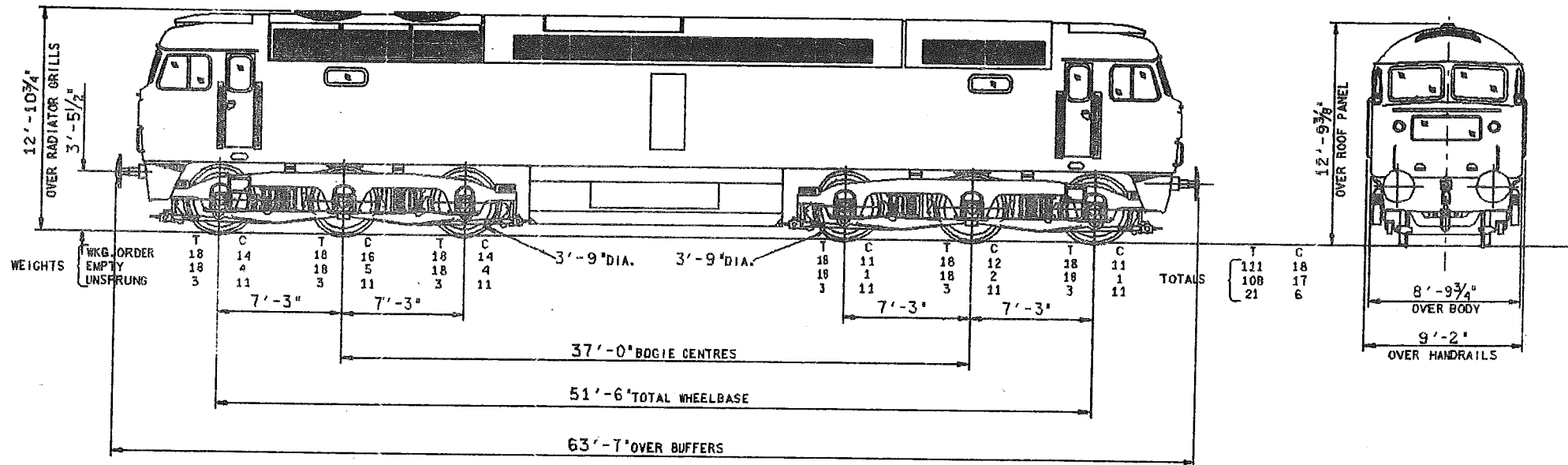
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/3

47-3a X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	TYPE	FOR LOCO	STRAIGHT AIR & AUTO. AIR
	NO. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.	BRAKE FORCE	% OF LOCO WEIGHT	88.9%.
	MAKE & TYPE	BRUSH TG 172-50 MK.1		IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.	MULTIPLE WORKING	COUPLING SYMBOL	
	NO	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	TYPE OF SUSPENSION	NOSE.		HORIZONTAL WITH 4INS.GAUGE WIDENING	3.75 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB.AT 24.7% ADHESION	CURVES	VERTICAL CONCAVE	10 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 7,500 AMPS. MAIN GENERATOR.	TRAIN HEATING		NOT FITTED
	RAIL H.P.AT CONT.RATING	30,000 LB.AT 26 M.P.H.	EQUIPMENT		
	FULL ENGINE OUTPUT	AT 4,260 AMPS. MAIN GENERATOR			
	WEIGHT	2,080 H.P.			
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 10.5&77 MPH	TANK CAPACITIES	ENGINE FUEL	720 GALLONS.
	E.T.H.INDEX	117 TONNES			
	ROUTE AVAILABILITY	60 TONNES			
	MAX.SPEED	6.			
		95 M.P.H.			

OCT.1984

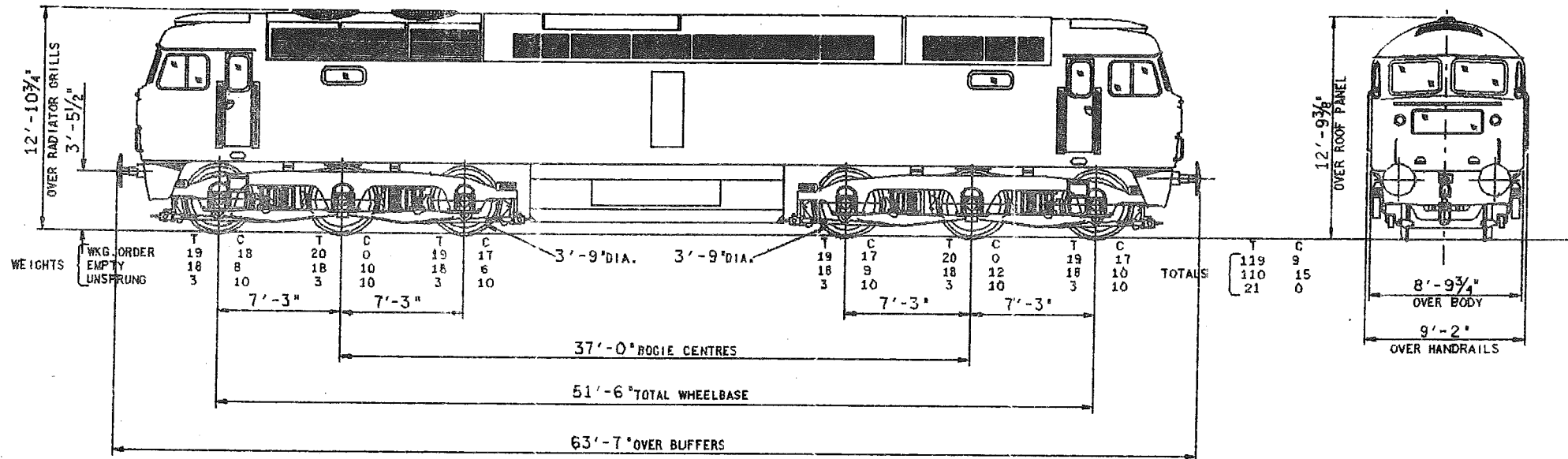
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-40 X

No. 1 END.

No. 2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.			83.2%.
TRACTION MOTORS	MAKE & TYPE	BRUSH TG 160-60	MULTIPLE WORKING	COUPLING SYMBOL	-
	MAKE & TYPE	BRUSH TM 64-68		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	No	SIX.		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	CURVES	VERTICAL CONCAVE	10 CHAINS.
PERFORMANCE	MAX TRACTIVE EFFORT	55,000 LB. AT 20.6% ADHESION	TRAIN HEATING	BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MARK 3.
	CONT. TRACTIVE EFFORT	AT 3,390 AMPS. MAIN GENERATOR.	EQUIPMENT	ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	2500 LB/HR
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.			BRUSH TG 160-60 MK.4
	FULL ENGINE OUTPUT	AT 2,130 AMPS. MAIN GENERATOR	TANK CAPACITIES	ENGINE FUEL	MAIN ENGINE.
	WEIGHT	2,080 H.P.		BOILER FUEL	320 KW. AT 800 VOLTS.
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 12.8 & 77 MPH		BOILER WATER	
	E.T.H. INDEX	117 TONNES			720 GALLONS.
	ROUTE AVAILABILITY	60 TONNES			1250 GALLONS
	MAX. SPEED	66.			
		7.			
		95 M.P.H.			

OCT. 1984

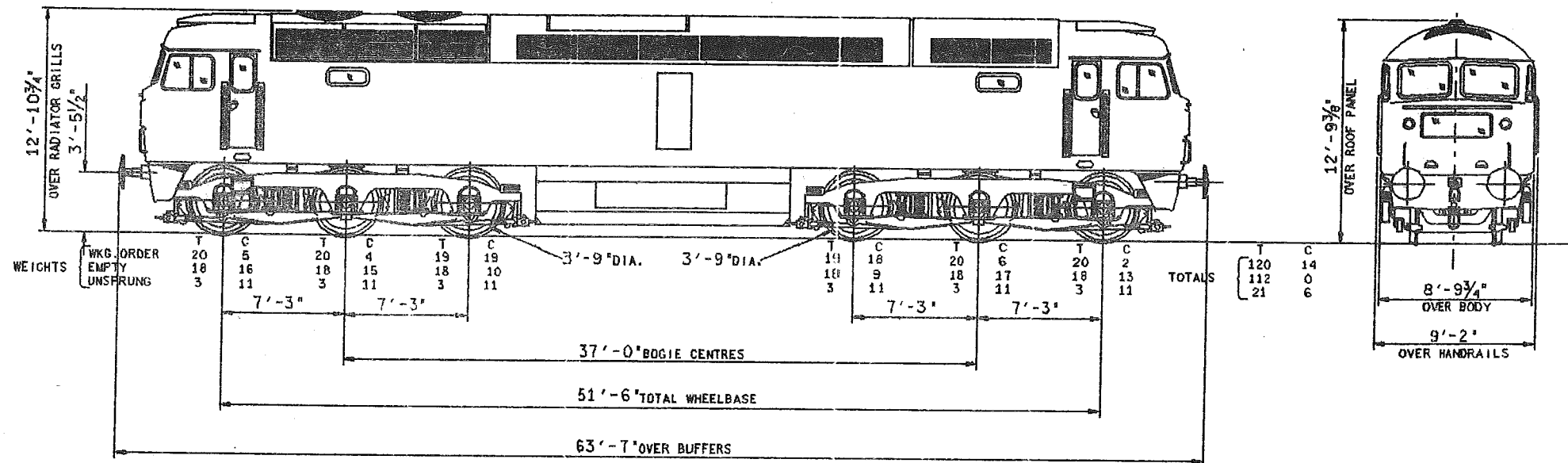
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4b X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.			82.5%.
TRACTION MOTORS	MAKE & TYPE	BRUSH TG 160-60 MK.2	MULTIPLE WORKING	COUPLING SYMBOL	-
	MAKE & TYPE	BRUSH TM 64-68 MK.1.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	No.	SIX.		HORIZONTAL WITH 1/4 INS. GAUGE WIDENING	3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPLUR.	CURVES	VERTICAL CONCAVE	10 CHAINS.
PERFORMANCE	MAX TRACTIVE EFFORT	62,000 LB. AT 22.9% ADHESION		BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MARK 3.
	CONT. TRACTIVE EFFORT	AT 3,750 AMPS. MAIN GENERATOR.	TRAIN HEATING	ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	1850 LB/HR
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.	EQUIPMENT		BRUSH. BL 100-30.
	FULL ENGINE OUTPUT	AT 2,130 AMPS. MAIN GENERATOR			MAIN ENGINE.
	WEIGHT	2,080 H.P.	TANK CAPACITIES	ENGINE FUEL	320 KW. AT 800 VOLTS.
	BRAKE FORCE	AVAILABLE BETWEEN 10.5 & 77 MPH		BOILER FUEL	720 GALLONS.
	E.T.H. INDEX	117 TONNES		BOILER WATER	1250 GALLONS
	ROUTE AVAILABILITY	60 TONNES			
	MAX. SPEED	66.			
		7.			
		95 M.P.H.			

OCT. 1984



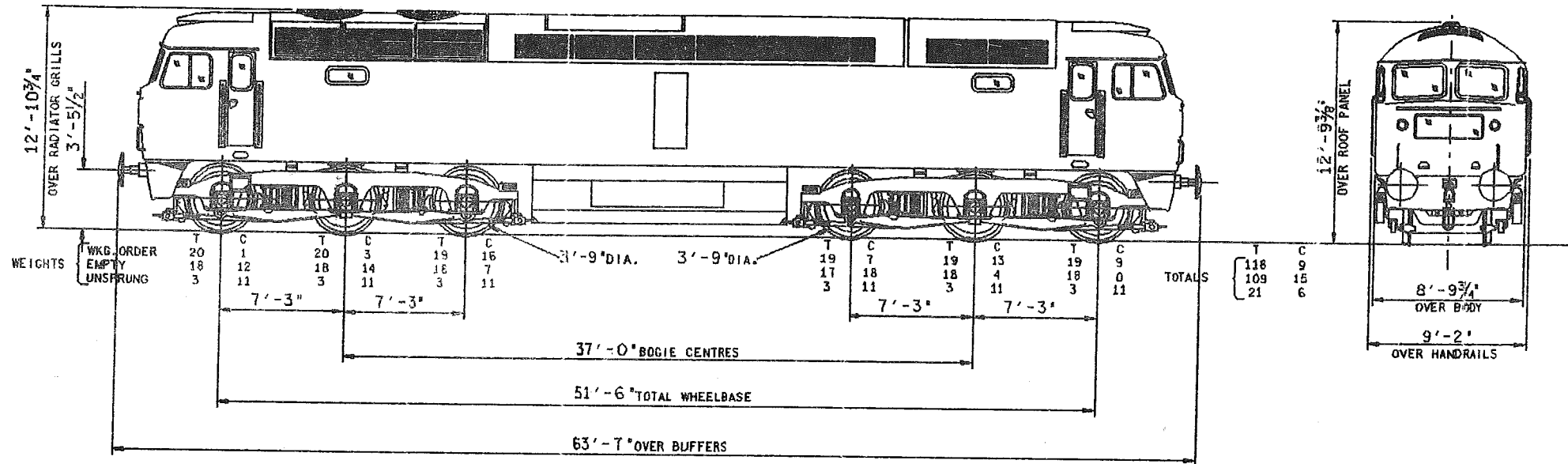
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4C X

No.1 END.

No.2 END.



## ENGINE

## MAIN GENERATOR

## TRACTION MOTORS

## PERFORMANCE

## DATA PANEL

MAKE & TYPE  
No. OF CYLS. & CYCLE  
MAX. CONT. RATED OUTPUT  
MAKE & TYPE  
MAKE & TYPE  
No.  
TYPE OF SUSPENSION  
TYPE OF GEAR DRIVE  
MAX TRACTIVE EFFORT  
CONT. TRACTIVE EFFORT  
RAIL H.P. AT CONT. RATING  
FULL ENGINE OUTPUT  
WEIGHT  
BRAKE FORCE  
E.T.H. INDEX  
ROUTE AVAILABILITY  
MAX. SPEED

SULZER 12 L.D.A. 28C.  
12 CYL. 4 STROKE.  
2580 H.P. AT 750 R.P.M.  
BRUSH TG 160-60 MK. 2  
BRUSH TM 64-68 MK. 1.  
SIX.  
NOSE.  
STRAIGHT SPUR.  
62,000 LB. AT 23.4% ADHESION  
AT 3,750 AMPS. MAIN GENERATOR.  
30,000 LB. AT 26 M.P.H.  
AT 2,130 AMPS. MAIN GENERATOR  
2,080 H.P.  
AVAILABLE BETWEEN 10.5 & 77 MPH  
117 TONNES  
60 TONNES  
66.  
7.  
95 M.P.H.

## BRAKING

## MULTIPLE WORKING

## MINIMUM RADIUS CURVES

## TRAIN HEATING EQUIPMENT

## TANK CAPACITIES

TYPE { FOR LOCO  
FOR TRAIN  
BRAKE FORCE { % OF LOCO WEIGHT  
IN WORKING ORDER

COUPLING SYMBOL  
HORIZONTAL WITHOUT GAUGE WIDENING  
HORIZONTAL WITH 1/4 INS. GAUGE WIDENING  
VERTICAL CONVEX  
VERTICAL CONCAVE

ELECTRIC ALTERNATOR { MAKE & TYPE  
DRIVEN BY  
CONT. OUTPUT

{ ENGINE FUEL  
WATER (FOR URINAL)

STRAIGHT AIR & AUTO. AIR  
AUTO. AIR & AIR CONT. VAC.

83.5%.

4 CHAINS.  
3.75 CHAINS.  
10 CHAINS.  
10 CHAINS.

BRUSH. BL 100-30.  
MAIN ENGINE.  
320 KW. AT 800 VOLTS.

720 GALLONS.

1250 GALLONS

OCT. 1984

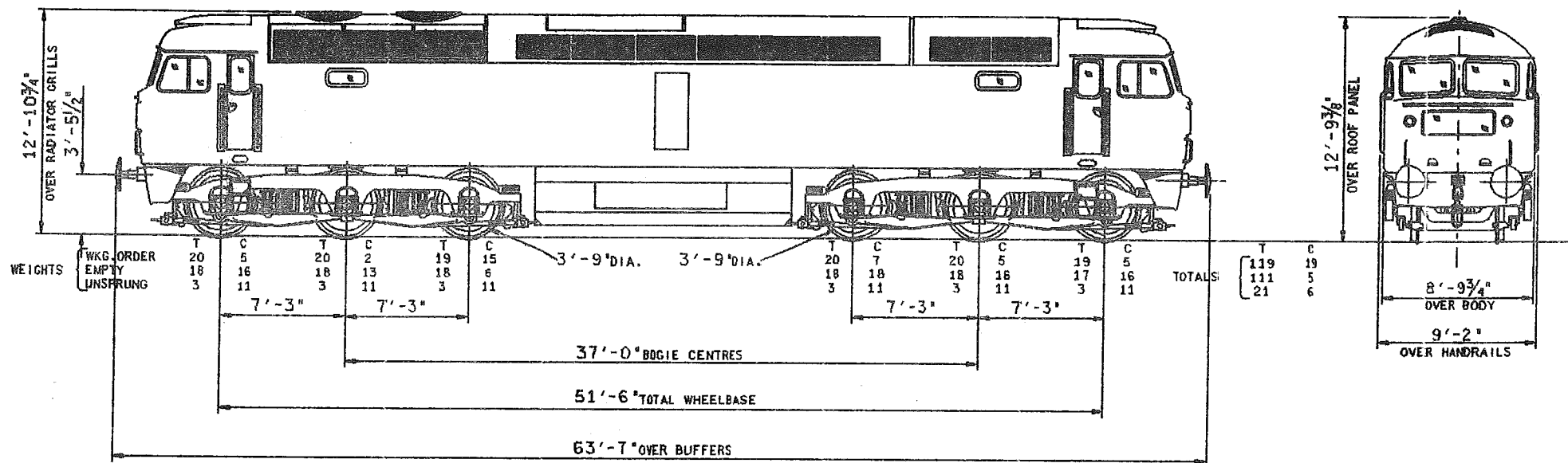
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4d X

No. 1 END.

No. 2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.			82.9%.
	MAKE & TYPE	BRUSH TG 160-60 MK.4	MULTIPLE WORKING	COUPLING SYMBOL	-
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	No.	SIX.		HORIZONTAL WITH 1/4 INS. GAUGE WIDENING	3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	VERTICAL CONVEX	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	CURVES	VERTICAL CONCAVE	10 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB. AT 23.1% ADHESION		BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MARK 3.
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 3,750 AMPS. MAIN GENERATOR.	TRAIN HEATING	ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	1850 LB/HR
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.	EQUIPMENT		BRUSH. BL 100-30.
	FULL ENGINE OUTPUT	AT 2,130 AMPS. MAIN GENERATOR			MAIN ENGINE.
	WEIGHT	2,080 H.P. AVAILABLE BETWEEN 10.5 & 77 MPH	TANK CAPACITIES	ENGINE FUEL	320 KW. AT 800 VOLTS.
DATA PANEL	BRAKE FORCE	117 TONNES		BOILER FUEL	720 GALLONS.
	E.T.H. INDEX	60 TONNES		BOILER WATER	1250 GALLONS
	ROUTE AVAILABILITY	66.			
	MAX. SPEED	7.			
		95 M.P.H.			

OCT. 1984

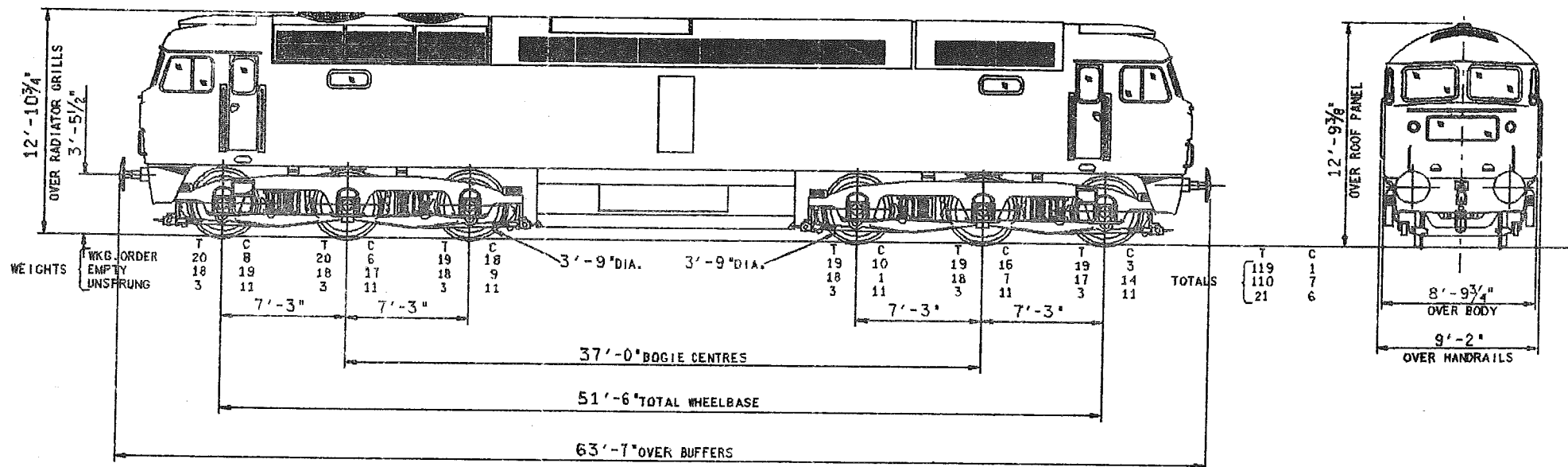
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4e X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	TYPE { FOR LOCO	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.	FOR TRAIN	AUTO.AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.	BRAKE FORCE { % OF LOCO WEIGHT	83.5%.
	MAKE & TYPE	BRUSH TG 160-60 MK.4	IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.		
	No.	SIX.	MULTIPLE WORKING COUPLING SYMBOL	-
	TYPE OF SUSPENSION	NOSE.	{ HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	{ HORIZONTAL WITH 3/4 INS.GAUGE WIDENING	3.75 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB.AT 23.3% ADHESION	{ VERTICAL CONVEX	10 CHAINS.
		AT 3,750 AMPS. MAIN GENERATOR.	{ VERTICAL CONCAVE	10 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	30,000 LB.AT 26 M.P.H.		
	RAIL H.P.AT CONT.RATING	AT 2,130 AMPS. MAIN GENERATOR	TRAIN HEATING EQUIPMENT	ELECTRIC ALTERNATOR { MAKE & TYPE
	FULL ENGINE OUTPUT	2,080 H.P.		DRIVEN BY
	WEIGHT	117 TONNES		CONT.OUTPUT
DATA PANEL	BRAKE FORCE	60 TONNES	TANK CAPACITIES	{ ENGINE FUEL
	E.T.H.INDEX	66.		{ WATER (FOR URINAL)
	ROUTE AVAILABILITY	7.		
	MAX.SPEED	95 M.P.H.		

OCT.1984

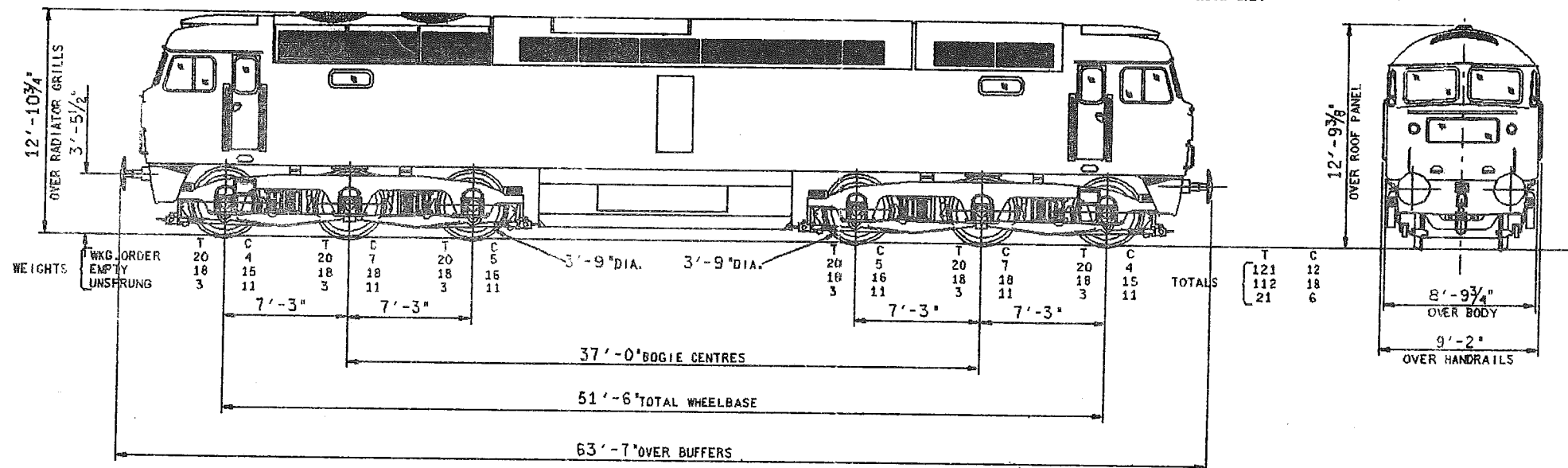
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4f X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO.AIR & AIR CONT.VAC.
	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.	MULTIPLE WORKING COUPLING SYMBOL		81.9%.
TRACTION MOTORS	MAKE & TYPE	BRUSH TG 172-50 MK.1	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.	CURVES	HORIZONTAL WITH 1/4INS.GAUGE WIDENING	3.75 CHAINS.
	No	SIX.		VERTICAL CONVEX	10 CHAINS.
	TYPE OF SUSPENSION	NOSE.		VERTICAL CONCAVE	10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	TRAIN HEATING EQUIPMENT	BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MARK 3.
PERFORMANCE	MAX TRACTIVE EFFORT	62,000 LB.AT 22.8% ADHESION		ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT.OUTPUT	1850 LB/HR
	CONT.TRACTIVE EFFORT	30,000 LB.AT 26 M.P.H.	TANK CAPACITIES	ENGINE FUEL	BRUSH. BL 160-30.
	RAIL H.P.AT CONT.RATING	AT 4,260 AMPS. MAIN GENERATOR		BOILER FUEL	MAIN ENGINE.
	FULL ENGINE OUTPUT	2,080 H.P.		BOILER WATER	320 KW.AT 800 VOLTS.
DATA PANEL	WEIGHT	AVAILABLE BETWEEN 10.5&77 MPH			720 GALLONS.
	BRAKE FORCE	117 TONNES			1250 GALLONS
	E.T.H.INDEX	60 TONNES			
	ROUTE AVAILABILITY	66.			
	MAX.SPEED	7.			
		95 M.P.H.			

OCT.1984

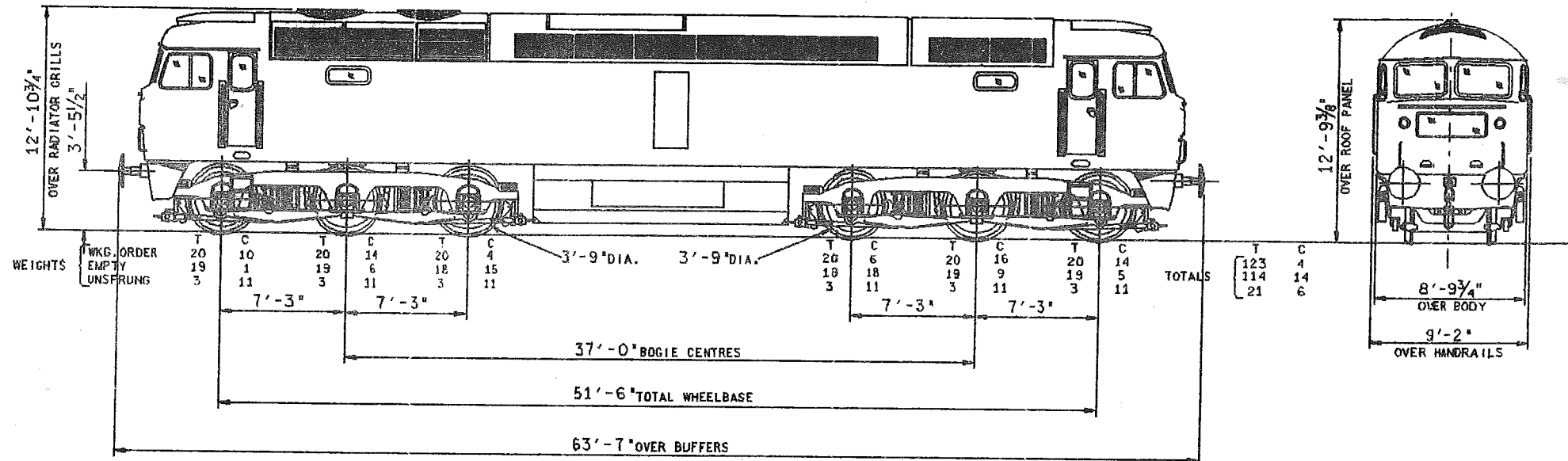
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4g X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.2BC.	BRAKING	TYPE	FOR LOCO	STRAIGHT AIR & AUTO. AIR
	NO. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		FOR TRAIN	FOR TRAIN	AUTO. AIR & AIR CONT.VAC.
MAIN GENERATOR	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.		BRAKE FORCE	% OF LOCO WEIGHT	80.4%
	MAKE & TYPE	BRUSH TG 172-50 MK.1		IN WORKING ORDER	IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1.A.	MULTIPLE WORKING	COUPLING SYMBOL		
	NO	SIX.				
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING		4 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPLR.	CURVES	HORIZONTAL WITH 1/4 INS.GAUGE WIDENING		3.75 CHAINS.
	MAX TRACTIVE EFFORT	62,000 LB.AT 22.5% ADHESION		VERTICAL CONVEX		10 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 7,500 AMPS. MAIN GENERATOR.	TRAIN HEATING	VERTICAL CONCAVE		10 CHAINS.
	RAIL H.P.AT CONT.RATING	30,000 LB.AT 26 M.P.H.	EQUIPMENT	BOILER	MAKE & TYPE	STONE VAPOR BR.4625.
	FULL ENGINE OUTPUT	AT 4,260 AMPS. MAIN GENERATOR		STEAMING CAPACITY		2750 LB/HR
	WEIGHT	2,080 H.P.		ELECTRIC ALTERNATOR	MAKE & TYPE	BRUSH. BL 100-30.
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 10.5&77 MPH	TANK CAPACITIES	DRIVEN BY	CONT.OUTPUT	MAIN ENGINE.
	E.T.H.INDEX	117 TONNES				320 KW.AT 800 VOLTS.
	ROUTE AVAILABILITY	60 TONNES		ENGINE FUEL		
	MAX.SPEED	66.		BOILER FUEL		720 GALLONS.
		7.		BOILER WATER		1200 GALLONS
		95 M.P.H.				

OCT.1984

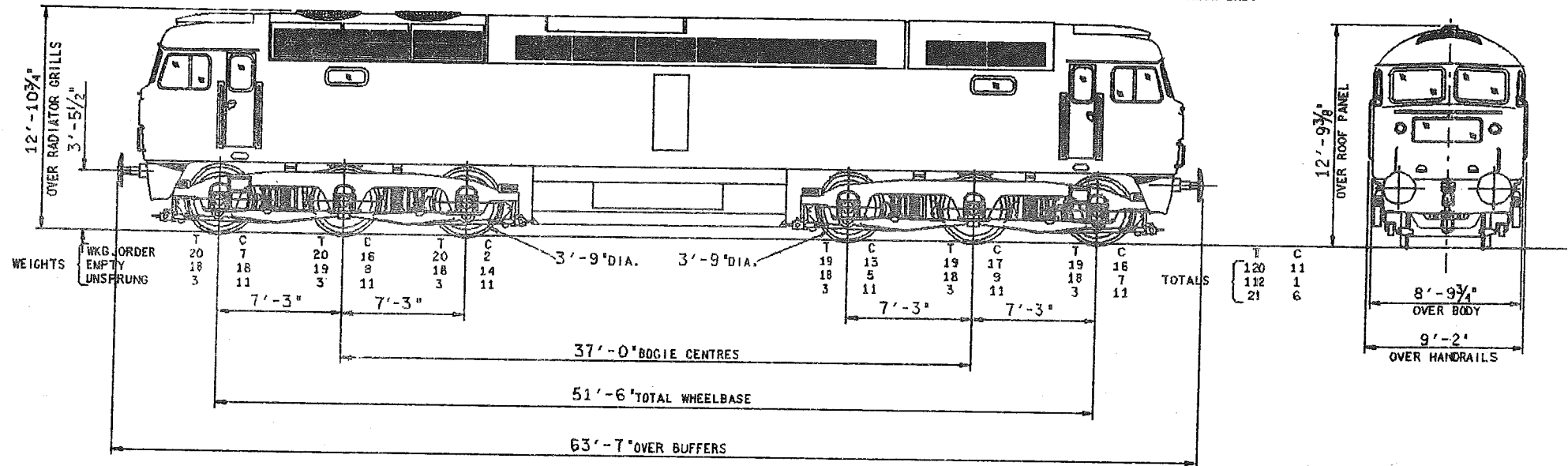
DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4h	X
-------	---

No.1 END.

No.2 END.

[illegible]

OCT. 1984

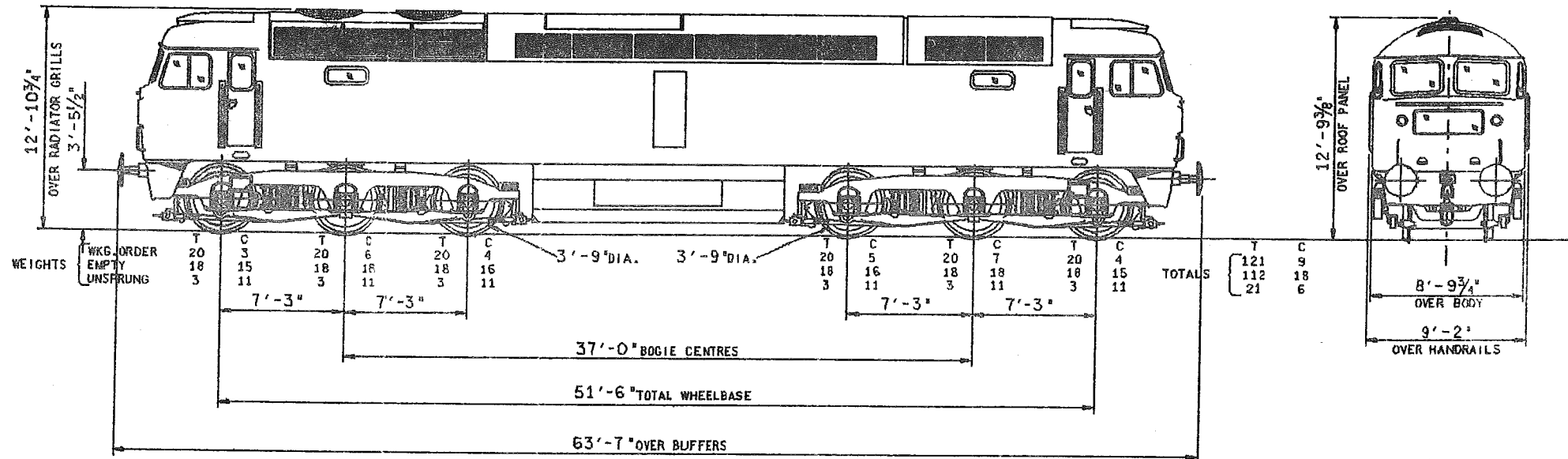
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4j X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.	MULTIPLE WORKING	COUPLING SYMBOL	81.9%
TRACTION MOTORS	MAKE & TYPE	BRUSH TC 172-50 MK.1	MINIMUM RADIUS	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	-
	MAKE & TYPE	BRUSH TM 64-68 MK.1 A.	CURVES		4 CHAINS.
	No	SIX.			3.75 CHAINS.
	TYPE OF SUSPENSION	NOSE.			10 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	TRAIN HEATING	BOILER { MAKE & TYPE STEAMING CAPACITY	10 CHAINS.
PERFORMANCE	MAX TRACTIVE EFFORT	62,000 LB. AT 22.8% ADHESION	EQUIPMENT		SPANNER MARK 3.
	CONT. TRACTIVE EFFORT	AT 7,500 AMPS. MAIN GENERATOR		ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	1850 LB/HR
	RAIL H.P. AT CONT. RATING	30,000 LB. AT 26 M.P.H.	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	BRUSH. BL 100-30.
	FULL ENGINE OUTPUT	AT 4,260 AMPS. MAIN GENERATOR			MAIN ENGINE.
	WEIGHT	2,080 H.P.			320 KW. AT 800 VOLTS.
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 10.5 & 77 MPH			
	E.T.H. INDEX	117 TONNES			
	ROUTE AVAILABILITY	60 TONNES			
	MAX. SPEED	66.			
		7.			
		95 M.P.H.			

OCT. 1984

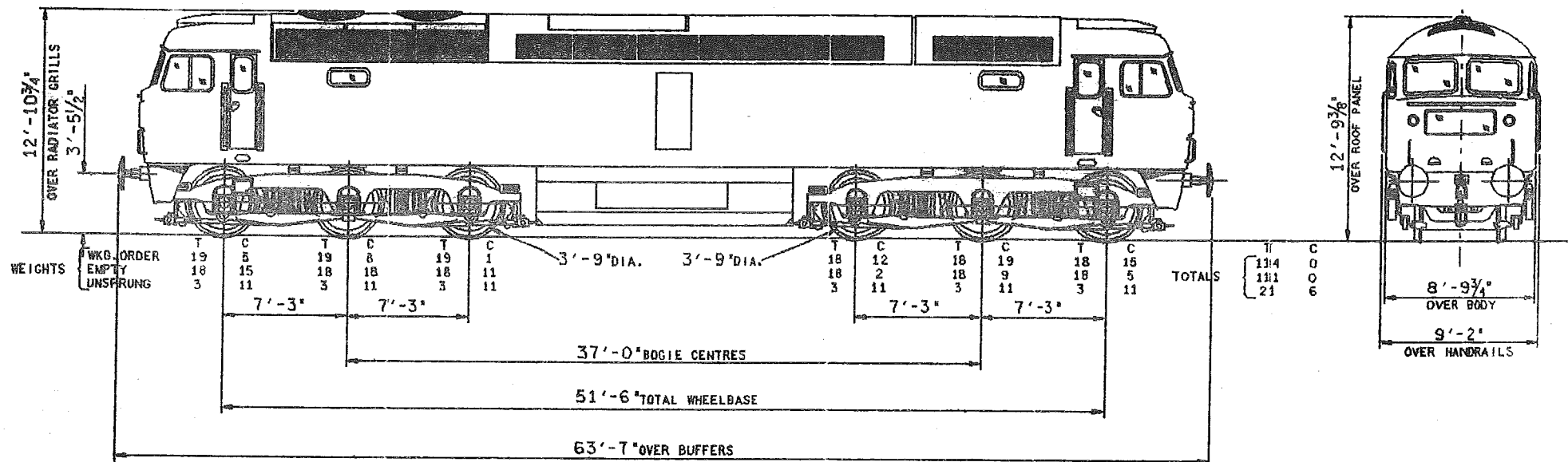
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-4k X

No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	2580 H.P. AT 750 R.P.M.	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	87.3%
	MAKE & TYPE	BRUSH TG 172-50 MK.1		
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 64-68 MK.1 A.	MULTIPLE WORKING COUPLING SYMBOL	-
	No	SIX.	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	4 CHAINS. 3.75 CHAINS. 10 CHAINS. 10 CHAINS.
	TYPE OF SUSPENSION	NOSE.		
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.		
PERFORMANCE	MAX TRACTIVE EFFORT	62,000 LB. AT 24.3% ADHESION AT 7,500 AMPS. MAIN GENERATOR 30,000 LB. AT 26 M.P.H. AT 4,260 AMPS. MAIN GENERATOR	TRAIN HEATING EQUIPMENT	ELECTRIC ALTERNATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT
	CONT. TRACTIVE EFFORT	2,080 H.P. AVAILABLE BETWEEN 10.5 & 77 MPH		BRUSH. BL 100-30. MAIN ENGINE. 320 KW. AT 800 VOLTS.
	RAIL H.P. AT CONT. RATING			
	FULL ENGINE OUTPUT			
DATA PANEL	WEIGHT	117 TONNES	TANK CAPACITIES	{ ENGINE FUEL WATER (FOR URINAL)
	BRAKE FORCE	60 TONNES		720 GALLONS 9 GALLONS
	E.T.H. INDEX	66.		
	ROUTE AVAILABILITY	7.		
	MAX. SPEED	95 M.P.H.		

OCT. 1984



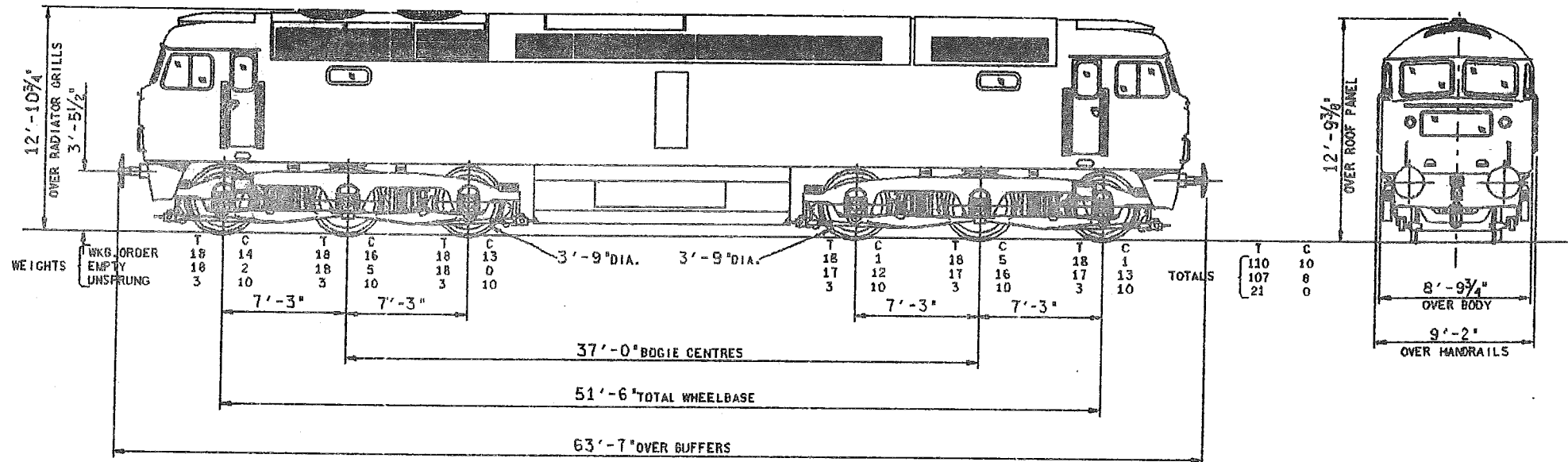
# 2580 H.P. BRUSH TYPE 4.C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/4

47-41 X

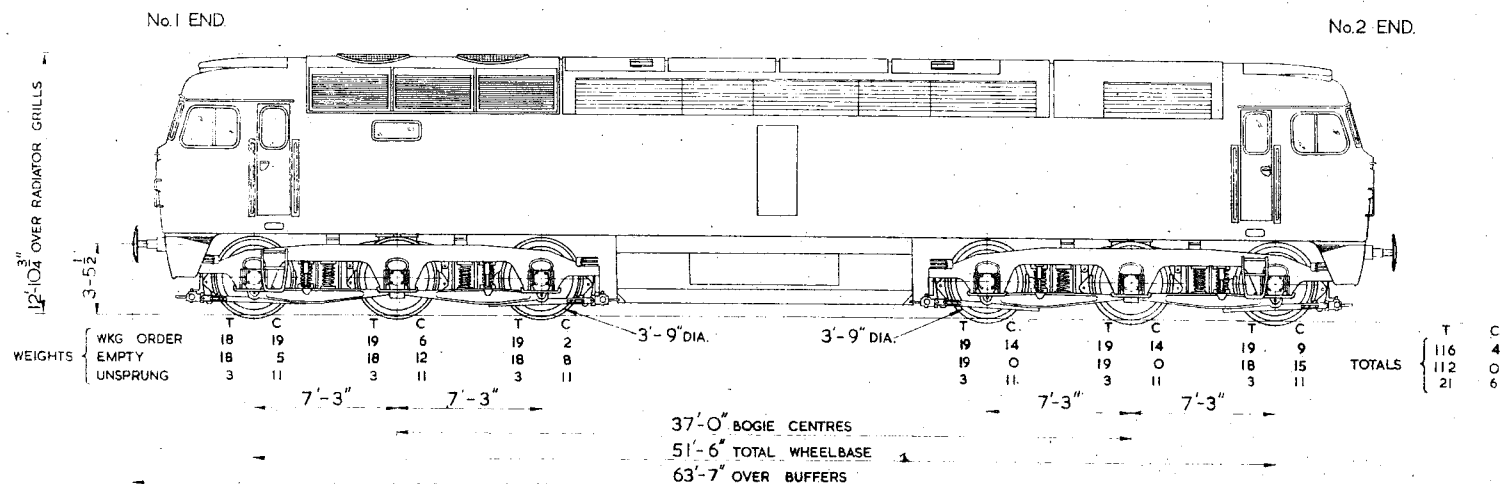
No.1 END.

No.2 END.



ENGINE	MAKE & TYPE	SULZER 12 L.D.A.28C.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO. AIR
MAIN GENERATOR	No. OF CYLS. & CYCLE	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	AUTO.AIR & AIR CONT.VAC.
	MAX.CONT.RATED OUTPUT	2580 H.P. AT 750 R.P.M.			89.9%
TRACTION MOTORS	MAKE & TYPE	BRUSH TG 160-60	MULTIPLE WORKING	COUPLING SYMBOL	-
	No	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS.
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	HORIZONTAL WITH 3/4 INS.GAUGE WIDENING	3.75 CHAINS.
	TYPE OF GEAR DRIVE	STRAIGHT SPUR.	CURVES	VERTICAL CONVEX	10 CHAINS.
	MAX TRACTIVE EFFORT	55,000 LB.AT 22.2% ADHESION		VERTICAL CONCAVE	10 CHAINS.
PERFORMANCE	CONT.TRACTIVE EFFORT	AT 3,390 AMPS MAIN GENERATOR	TRAIN HEATING	ELECTRIC GENERATOR { MAKE & TYPE DRIVEN BY CONT.OUTPUT	BRUSH TG 160-16
	RAIL H.P.AT CONT.RATING	30,000 LB.AT 26 M.P.H.	EQUIPMENT		MAIN ENGINE.
	FULL ENGINE OUTPUT	AT 2,130 AMPS MAIN GENERATOR			320 KW.AT 800 VOLTS.
DATA PANEL	WEIGHT	2,080 H.P.	TANK CAPACITIES	{ ENGINE FUEL	720 GALLONS
	BRAKE FORCE	117 TONNES		{ WATER [FOR URINAL]	9 GALLONS
	E.T.H.INDEX	60 TONNES			
	ROUTE AVAILABILITY	66.			
	MAX.SPEED	7.			
		95 M.P.H.			

OCT.1984



AUGUST 1976

ENGINE.	MAKE & TYPE.	RUSTON PAXMAN 16RK 3CT
	No. OF CYLS. & CYCLE.	16 CYL. 4 STROKE.
MAIN ALTERNATOR.	MAX. CONT. RATED OUTPUT.	3250 HP AT 900 R.P.M.
	MAKE & TYPE.	BRUSH BA 1101
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM. 64-68 MK.1A
	No.	SIX.
	TYPE OF SUSPENSION.	NOSE.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.
	MAX. TRACTIVE EFFORT.	57,325 LB. AT 22.0% ADHESION
PERFORMANCE.	CONT. TRACTIVE EFFORT.	32,600 LB. AT 32.3MPH.
	RAIL H.P. AT CONT. RATING.	AT 2250 AMPS. MAIN ALTERNATOR
	FULL ENGINE OUTPUT.	2808 HP
		AVAILABLE BETWEEN 18.6 & 95 M.P.H.

BRAKING.	TYPE	FOR LOCO. FOR TRAIN.
	BRAKE FORCE	% OF LOCO. WEIGHT IN WORKING ORDER.
SPEED.	MAX PERMITTED SERVICE SPEED.	95 M.P.H.
MINIMUM RADIUS CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.75 CHAINS.
	VERTICAL CONVEX	10 CHAINS
TANK CAPACITY.	VERTICAL CONCAVE ENGINE FUEL.	10 CHAINS 1010 GALLONS

STRAIGHT AIR & AUTO. AIR

AUTO. AIR

85.6 %

95 M.P.H.

4 CHAINS.

3.75 CHAINS.

10 CHAINS

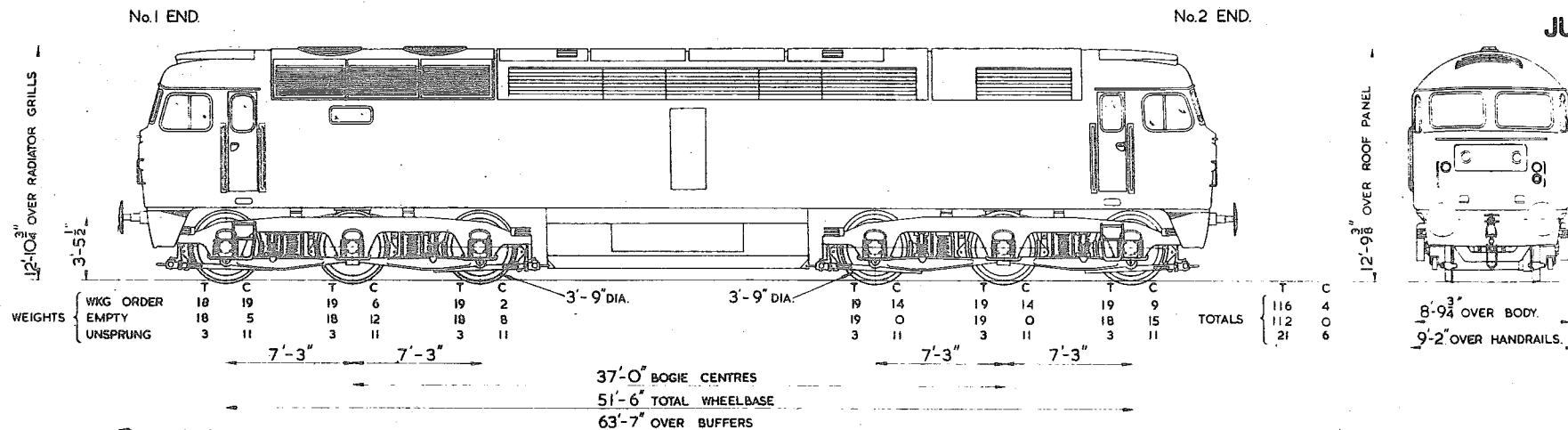
10 CHAINS

1010 GALLONS

3250 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/6

47-6a A



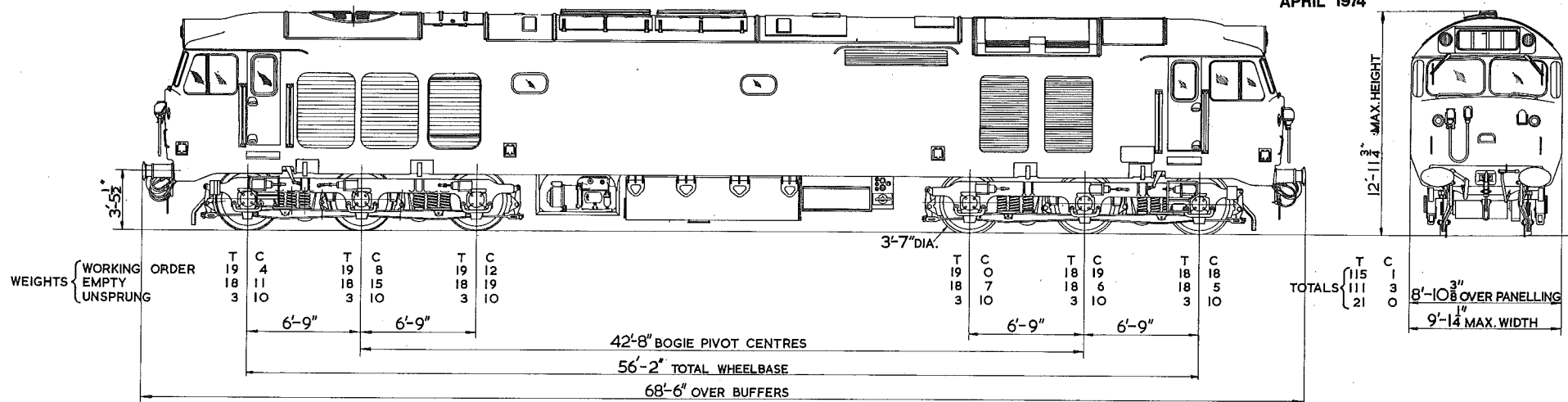
ENGINE.	MAKE & TYPE.	RUSTON FAXMAN 16RK3CT.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR
	No. OF CYLS. & CYCLE.	16 CYL. 4 STROKE.			AUTO AIR.
	MAX. CONT. RATED OUTPUT.	3250 HP AT 900 R.P.M.			
MAIN ALTERNATOR.	MAKE & TYPE.	BRUSH BA 1101		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	85.6 %
	MAKE & TYPE.	BRUSH TM. 64-68 MK.I.A.	SPEED.	MAX PERMITTED SERVICE SPEED	95 M.P.H.
TRACTION MOTORS.	No.	SIX.		HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
	TYPE OF SUSPENSION.	NOSE.		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.75 CHAINS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	MINIMUM RADIUS	VERTICAL CONVEX.	10 CHAINS
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 26.1 % ADHESION	CURVES.	VERTICAL CONCAVE.	10 CHAINS.
		AT 7500 AMPS. MAIN ALTERNATOR.	TANK CAPACITY.	ENGINE FUEL.	1010 GALLONS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	35,750 LB. AT 29 M.P.H.			
		AT 2400 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	2785 HP			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 18.6 & 95 M.P.H.			

**3250 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 47/6**

**47-6a A**

No. 1 END

APRIL 1974

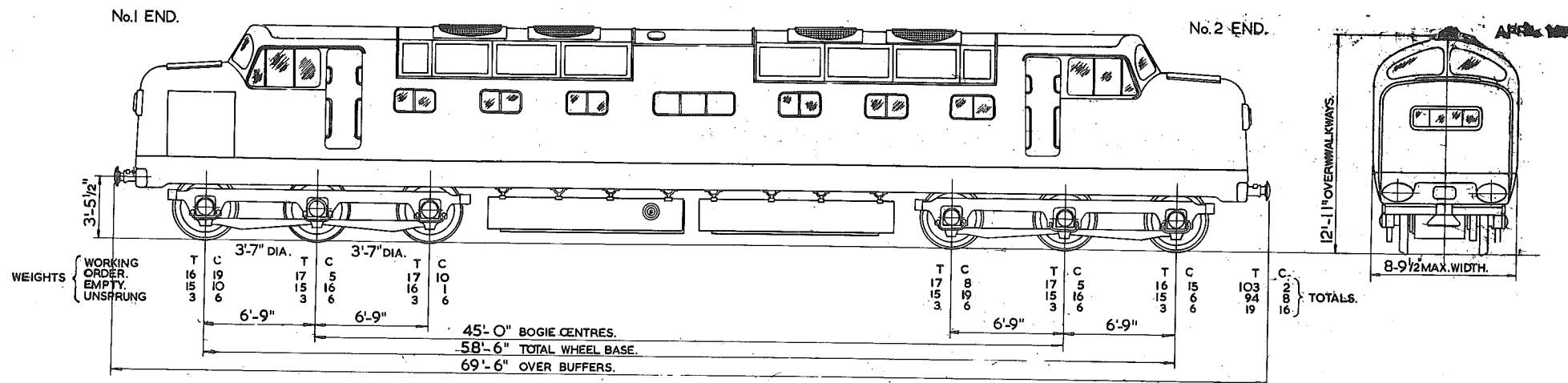


ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 16 CSVT	BRAKING	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE	16 CYL. 4 STROKE			AUTO. AIR & CONT. VAC.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT	2700 H.P. AT 850 R.P.M.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	84.9%
	MAKE & TYPE	ENGLISH ELECTRIC TYPE EE 840/4B	SPEED	MAX. PERMITTED SERVICE SPEED	100 M.P.H.
TRACTION MOTORS	MAKE & TYPE	ENGLISH ELECTRIC EE 538/5A	MINIMUM RADIUS	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	4 CHAINS 3 1/2 CHAINS 10 CHAINS 10 CHAINS
	No.	SIX	CURVES		
	TYPE OF SUSPENSION	NOSE	TRAIN HEATING	ELECTRIC GENERATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	ENGLISH ELECTRIC EE 915/1B
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	EQUIPMENT		MAIN ENGINE
PERFORMANCE	MAX. TRACTIVE EFFORT	48500 LB. AT 18.8% ADHESION	TANK CAPACITIES	ENGINE FUEL	320 KW. AT 850 VOLTS
	CONT. TRACTIVE EFFORT	AT 2400 AMPS MAIN GENERATOR			1055 GALLONS
	RAIL H.P. AT CONT. RATING	33000 LB. AT 23.5 M.P.H.			
	FULL ENGINE OUTPUT	AT 1800 AMPS MAIN GENERATOR			
		2070 H.P.			
		AVAILABLE BETWEEN 15 & 87 M.P.H.			

## 2700 H.P. E.E. Co. TYPE 4 C-C DIESEL ELECTRIC LOCOMOTIVE CLASS 50

50-a X

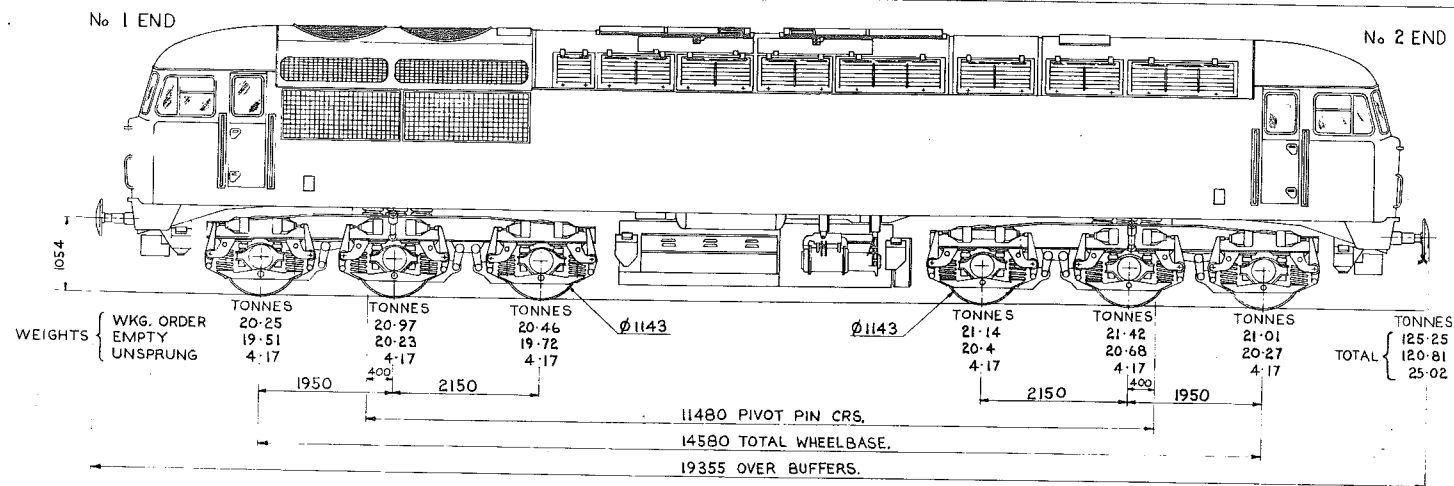




ENGINE.	No. MAKE & TYPE. No. OF CYLS. & CYCLE.	TWO NAPIER DELTIC 18. 18 CYLS (OPPOSED PISTONS) PER ENG. 2 STROKE.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT. No. MAKE & TYPE.	1650 H.P. AT 1500 R.P.M. TWO ENGLISH ELECTRIC. TYPE E.E. 829.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	AUTO AIR & AIR CONT. VAC.
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	ENGLISH ELECTRIC. E.E. 538. SIX. NOSE. SINGLE REDUCTION. 50,000 LB. AT 21.7% ADHESION. AT 2400 AMPS. MAIN GENERATORS. 30,500 LB. AT 32.5 M.P.H. AT 1,650 AMPS. MAIN GENERATORS. 2,640 H.P.	SPEED.	MAX. PERMITTED SERVICE SPEED.	83.2%.
PERFORMANCE	CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 18.5 & 100 M.P.H.	MINIMUM RADIUS CURVES	HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	100 M.P.H. 4 CHAINS. 38 CHAINS 11 CHAINS 11 CHAINS
			TRAIN HEATING EQUIPMENT	BOILER { MAINT. & TYPE STEAMING CAPACITY ELECTRIC FROM MAIN GENERATOR	SPANNER MK. II 1500 LB/HR. UP TO 344 KW. AT 860 VOLTS
			TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	826 GALLONS 830 GALLONS

# 3300 H.P. E.E. TYPE 5 C-C DIESEL ELECTRIC LOCOMOTIVE. CLASS 55

55- a X



DEC 81

ENGINE.	MAKE & TYPE	RUSTON 16RK3CT	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR.
	No. OF CYLS. & CYCLE.	16 CYL. 4 STROKE.		BRAKE FORCE. % OF LOCO	
MAIN ALTERNATOR.	MAX. CONT. RATED OUTPUT	2460 kW, AT 900 RPM.	SPEED.	WEIGHT IN WORKING ORDER.	71.7%
	MAKE & TYPE.	BRUSH BA1101A		MAX. PERMITTED SERVICE SPEED.	130 km/h.
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM 73-62	MINIMUM RADIUS CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.	80 m.
	No.	SIX		HORIZONTAL WITH 20 mm. GAUGE WIDENING.	74 m.
	TYPE OF SUSPENSION.	NOSE		VERTICAL CONVEX.	200 m.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT.	VERTICAL CONCAVE.	200 m.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	275000 N AT 22% ADHESION AT 3050 A TRACTION CURRENT.		TANK CAPACITY. ENGINE FUEL.	5228 LITRES.
	CONT. TRACTIVE EFFORT.	240000 N AT 27 km/h AT 2730 A TRACTION CURRENT.			
	POWER AT RAIL (CONT. RATING).	1790 kW			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 26 & 130 km/h.			

2460kW BRUSH Co-Co DIESEL ELECTRIC LOCOMOTIVE.

CLASS 56

56-a A

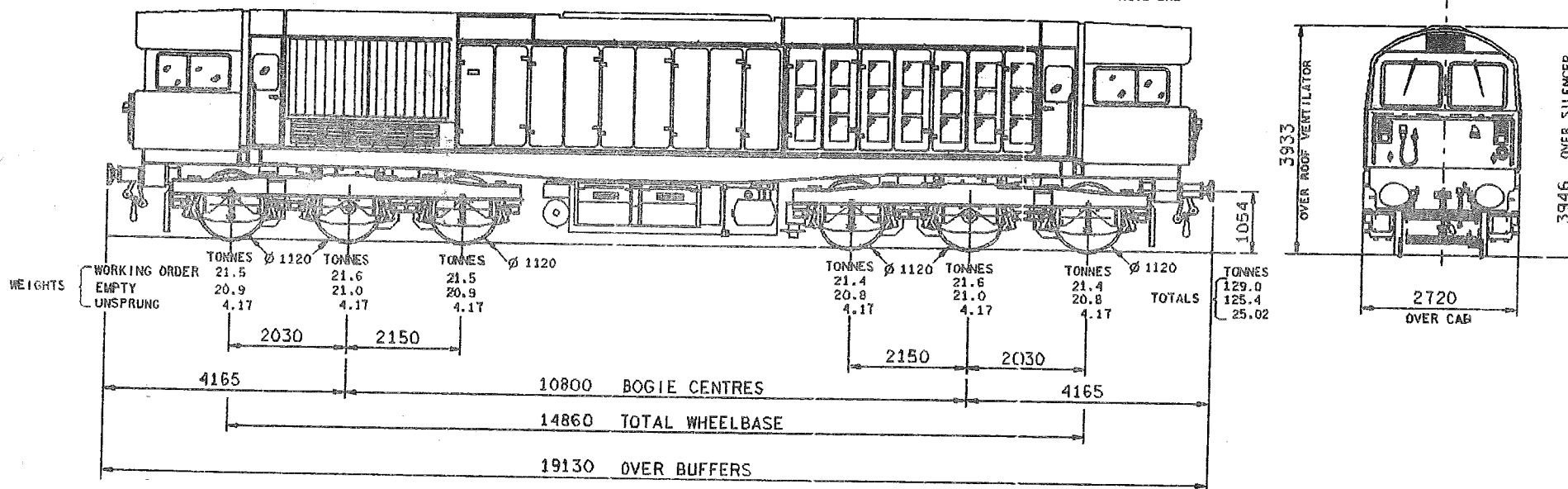
# 2460 kW B.R.Co-Co DIESEL ELECTRIC LOCOMOTIVE.

CLASS 58

58-0a A

No.1 END

No.2 END



ENGINE	MAKE & TYPE	RUSTON 12RK3CT	BRAKING	TYPE	FOR LOCO	STRAIGHT AIR & AUTO.AIR
	No. OF CYLS. & CYCLE	12 CYL.4 STROKE		FOR TRAIN		AUTO.AIR
MAIN ALTERNATOR	MAX.CONT.RATED OUTPUT	2460 kW.AT 1000 R.P.M.		BRAKE FORCE	% OF LOCO WEIGHT	58.4%
	MAKE & TYPE	BRUSH BA1101 B		IN WORKING ORDER		
TRACTION MOTORS	MAKE & TYPE	BRUSH TM 73-62	MULTIPLE WORKING	COUPLING SYMBOL		RED DIAMOND
	No	SIX				
	TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING		80 m
	TYPE OF GEAR DRIVE	SINGLE REDUCTION.	CURVES	HORIZONTAL WITH 20mm GAUGE WIDENING		75 m
PERFORMANCE	MAX TRACTIVE EFFORT	275,000N.AT 21.73% ADHESION		VERTICAL CONVEX		200m
	CONT.TRACTIVE EFFORT	AT 3030A.TRACTION CURRENT	TRAIN HEATING	VERTICAL CONCAVE		200m
	RAIL H.P.AT CONT.RATING	240,000N AT 28.0 km/h	EQUIPMENT			NOT FITTED
	FULL ENGINE OUTPUT	AT 2730A.TRACTION CURRENT	TANK CAPACITIES	ENGINE FUEL		4215 LITRES
	WEIGHT	1780 kW				
DATA PANEL	BRAKE FORCE	AVAILABLE BETWEEN 26 & 130km/h				
	E.T.H.INDEX	129 TONNES				
	ROUTE AVAILABILITY	62 TONNES				
	MAX.SPEED	-				
		7				
		80 M.P.H.				

OCT 1984