

MT/25

# B.R. Main Line Diesel Locomotive Diagram Book

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## PREFACE

1. It should be noted that this Main Line Locomotive Diagram Book completely replaces the earlier (page size 11" x 5 $\frac{3}{4}$ ") edition which must be destroyed.
2. A complete set of locomotive diagram books consists of the following :-

<u>Diagram Book</u>	<u>Publication No.</u>
a) Main Line Diesel Locomotive	MT/25
b) Electric Locomotive	MT/26
c) Shunting Diesel Locomotive	MT/27

Each separate book contains the relevant index sheets to relate the locomotive number to the applicable diagram number.

3. The photographs, where included, depict typical locomotives in their "as built" condition.
4. This diagram book has been updated up to and including February 1973.

Date: March 1973

Issued by:- Chief Mechanical & Electrical Engineer  
The Railway Technical Centre  
DERBY

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
1	DE/4001/6	46	DE/4001/7	91	DE/4001/0	136	DE/4001/2	181	DE/4001/9	226	DE/4002/1	271	DE/4002/1	316	DE/4002/1	361	DE/4002/2	406	DE/4004/1		
2	"	47	DE/4001/7	92	DE/4001/7	137	DE/4001/7	182	"	227	DE/4002/4	272	"	317	"	362	DE/4002/5	407	"		
3	"	48	"	93	DE/4001/7	138	DE/4001/8	183	"	228	"	273	DE/4002/6	318	"	363	DE/4002/5	408	"		
4	"	49	DE/4001/2	94	DE/4001/7	139	DE/4001/8	184	"	229	DE/4002/1	274	DE/4002/4	319	DE/4002/4	364	"	409	"		
5	"	50	"	95	"	140	DE/4001/3	185	"	230	DE/4002/4	275	DE/4002/1	320	DE/4002/1	365	DE/4002/2	410	"		
6	"	51	DE/4001/0	96	"	141	DE/4001/8	186	"	231	DE/4002/1	276	DE/4002/4	321	"	366	"	411	"		
7	"	52	DE/4001/7	97	DE/4001/7	142	"	187	"	232	"	277	DE/4002/4	322	"	367	DE/4002/5	412	"		
8	"	53	"	98	DE/4001/2	143	"	188	"	233	DE/4002/4	278	DE/4002/4	323	DE/4002/1	368	DE/4002/5	413	"		
9	"	54	DE/4001/7	99	DE/4001/7	144	DE/4001/3	189	"	234	DE/4002/4	279	"	324	"	369	DE/4002/2	414	"		
10	"	55	DE/4001/7	100	DE/4001/2	145	"	190	DE/4001/9	235	"	280	DE/4002/1	325	DE/4002/2	370	DE/4002/5	415	"		
11	DE/4001/7	56	DE/4001/7	101	"	146	DE/4001/8	191	DE/4001/9	236	"	281	DE/4002/4	326	"	371	"	416	"		
12	DE/4001/7	57	"	102	DE/4001/7	147	"	192	DE/4001/9	237	DE/4002/3	282	"	327	"	372	DE/4002/2	417	"		
13	DE/4001/7	58	DE/4001/2	103	DE/4001/7	148	DE/4001/8	193	DE/4001/9	238	"	283	"	328	DE/4002/5	373	"	418	"		
14	DE/4001/7	59	DE/4001/0	104	"	149	DE/4001/3	194	"	239	"	284	"	329	DE/4002/2	374	"	419	"		
15	"	60	DE/4001/7	105	"	150	"	195	"	240	"	285	"	330	DE/4002/5	375	"	420	"		
16	"	61	"	106	DE/4001/0	151	"	196	"	241	DE/4002/1	286	"	331	DE/4002/2	376	"	421	"		
17	DE/4001/7	62	DE/4001/7	107	DE/4001/7	152	DE/4001/8	197	"	242	"	287	DE/4002/2	332	"	377	DE/4002/5	422	"		
18	DE/4001/7	63	DE/4001/7	108	"	153	DE/4001/8	198	"	243	"	288	"	333	"	378	"	423	"		
19	DE/4001/7	64	DE/4001/7	109	"	154	DE/4001/8	199	"	244	DE/4002/4	289	"	334	"	379	DE/4002/2	424	"		
20	DE/4001/7	65	DE/4001/0	110	"	155	"	200	DE/4002/4	245	DE/4002/1	290	"	335	"	380	DE/4002/5	425	"		
21	"	66	DE/4001/7	111	"	156	"	201	"	246	DE/4002/3	291	DE/4002/5	336	"	381	DE/4002/2	426	"		
22	"	67	DE/4001/7	112	DE/4001/7	157	"	202	DE/4002/1	247	DE/4002/4	292	DE/4002/2	337	"	382	"	427	"		
23	"	68	DE/4001/7	113	DE/4001/7	158	"	203	"	248	DE/4002/1	293	DE/4002/5	338	"	383	"	428	"		
24	DE/4001/7	69	DE/4001/0	114	DE/4001/7	159	"	204	DE/4002/4	249	"	294	DE/4002/2	339	"	384	"	429	"		
25	DE/4001/7	70	DE/4001/7	115	"	160	DE/4001/8	205	DE/4002/1	250	"	295	"	340	"	385	DE/4002/5	430	"		
26	"	71	DE/4001/7	116	DE/4001/0	161	DE/4001/8	206	"	251	"	296	"	341	"	386	DE/4002/2	431	"		
27	DE/4001/7	72	DE/4001/7	117	DE/4001/7	162	"	207	"	252	DE/4002/4	297	DE/4002/5	342	"	387	"	432	"		
28	DE/4001/7	73	DE/4001/7	118	DE/4001/7	163	"	208	"	253	"	298	"	343	"	388	DE/4002/5	433	"		
29	DE/4001/7	74	DE/4001/7	119	DE/4001/2	164	DE/4001/8	209	"	254	DE/4002/4	299	"	344	"	389	DE/4002/2	434	"		
30	DE/4001/7	75	DE/4001/7	120	DE/4001/0	165	DE/4001/8	210	"	255	"	300	DE/4002/2	345	DE/4002/5	390	"	435	"		
31	DE/4001/7	76	DE/4001/0	121	DE/4001/7	166	DE/4001/9	211	"	256	DE/4002/4	301	"	346	"	391	"	436	"		
32	DE/4001/7	77	DE/4001/2	122	DE/4001/0	167	"	212	DE/4002/4	257	"	302	"	347	DE/4002/2	392	"	437	"		
33	"	78	DE/4001/7	123	DE/4001/7	168	"	213	"	258	DE/4002/4	303	"	348	"	393	DE/4002/5	438	"		
34	DE/4001/7	79	DE/4001/2	124	"	169	"	214	"	259	DE/4002/1	304	"	349	DE/4002/5	394	"	439	"		
35	DE/4001/0	80	DE/4001/0	125	DE/4001/2	170	DE/4001/9	215	DE/4002/1	260	DE/4002/5	305	DE/4002/1	350	"	395	DE/4002/2	440	"		
36	DE/4001/7	81	DE/4001/7	126	DE/4001/7	171	"	216	"	261	"	306	"	351	DE/4002/5	396	"	441	"		
37	DE/4001/7	82	"	127	DE/4001/2	172	DE/4001/9	217	"	262	DE/4002/1	307	"	352	"	397	DE/4002/5	442	"		
38	DE/4001/7	83	"	128	DE/4001/7	173	"	218	"	263	DE/4002/5	308	"	353	DE/4002/5	398	DE/4002/2	443	"		
39	DE/4001/2	84	DE/4001/2	129	"	174	"	219	"	264	"	309	"	354	DE/4002/5	399	DE/4002/5	444	"		
40	DE/4001/7	85	DE/4001/0	130	DE/4001/7	175	"	220	"	265	DE/4002/1	310	"	355	"	400	DE/4004/1	445	"		
41	"	86	DE/4001/7	131	DE/4001/2	176	"	221	"	266	DE/4002/5	311	"	356	DE/4002/2	401	"	446	"		
42	DE/4001/2	87	"	132	DE/4001/7	177	DE/4001/9	222	"	267	DE/4002/4	312	"	357	DE/4002/5	402	"	447	"		
43	DE/4001/0	88	"	133	DE/4001/2	178	"	223	"	268	"	313	"	358	"	403	"	448	"		
44	"	89	DE/4001/7	134	DE/4001/7	179	DE/4001/9	224	DE/4002/4	269	"	314	"	359	"	404	"	449	"		
45	DE/4001/2	90	DE/4001/7	135	"	180	DE/4001/9	225	DE/4002/1	270	DE/4002/1	315	"	360	"	405	"				

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		1036	DH/4102/2																			
		1037	"																			
		1038	DH/4102/2																			
		1039	DH/4102/2																			
		1040	"																			
		1041	"																			
		1042	"																			
		1043	"																			
		1044	"																			
1000	DH/4102/2	1045	"																			
1001	"	1046	"																			
1002	"	1047	"																			
1003	"	1048	"																			
1004	"	1049	"																			
1005	"	1050	"																			
1006	"	1051	"																			
1007	"	1052	"																			
1008	"	1053	"																			
1009	"	1054	"																			
1010	"	1055	DH/4102/2	1100	DE/4003/9																	
1011	"	1056	DH/4102/2	1101	DE/4003/8																	
1012	"	1057	"	1102	"																	
1013	DH/4102/2	1058	DH/4102/1	1103	"																	
1014	DH/4102/2	1059	DH/4102/2	1104	"																	
1015	DH/4102/2	1060	DH/4102/2	1105	"																	
1016	DH/4102/2	1061	DH/4102/2	1106	"																	
1017	DH/4102/1	1062	"	1107	"																	
1018	"	1063	"	1108	"																	
1019	"	1064	DH/4102/2	1109	"																	
1020	"	1065	DH/4102/2	1110	"																	
1021	DH/4102/2	1066	"	1111	"																	
1022	"	1067	"																			
1023	DH/4102/1	1068	DH/4102/2																			
1024	DH/4102/2	1069	DH/4102/2																			
1025	"	1070	"																			
1026	"	1071	DH/4102/2																			
1027	"	1072	DH/4102/2																			
1028	DH/4102/2	1073	DH/4102/2																			
1029	DH/4102/2																					
1030	DH/4102/2																					
1031	DH/4102/2																					
1032	"																					
1033	DH/4102/2																					
1034	DH/4102/2																					
1035	DH/4102/2																					



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		1531	DE/4003/2	1576	DE/4003/2	1621	DE/4003/8	1666	DE/4003/9	1711	DE/4003/2	1756	DE/4003/6	1801	DE/4003/10	1846	DE/4003/8	1891	DE/4003/10	1936	DE/4003/21
		1532	DE/4003/15	1577	DE/4003/19	1622	DE/4003/7	1667	"	1712	"	1757	"	1802	"	1847	"	1892	"	1937	"
		1533	DE/4003/16	1578	"	1623	"	1668	"	1713	DE/4003/15	1758	DE/4003/6	1803	"	1848	"	1893	"	1938	DE/4003/9
		1534	"	1579	DE/4003/12	1624	DE/4003/8	1669	"	1714	DE/4003/2	1759	"	1804	"	1849	"	1894	"	1939	"
		1535	DE/4003/2	1580	DE/4003/19	1625	DE/4003/7	1670	"	1715	DE/4003/5	1760	"	1805	"	1850	"	1895	"	1940	DE/4003/21
		1536	DE/4003/16	1581	"	1626	DE/4003/8	1671	"	1716	"	1761	"	1806	"	1851	"	1896	"	1941	"
		1537	DE/4003/15	1582	DE/4003/12	1627	DE/4003/7	1672	DE/4003/9	1717	"	1762	"	1807	"	1852	"	1897	"	1942	"
		1538	"	1583	DE/4003/6	1628	"	1673	"	1718	"	1763	"	1808	"	1853	"	1898	"	1943	DE/4003/9
		1539	"	1584	"	1629	"	1674	"	1719	DE/4003/6	1764	"	1809	"	1854	"	1899	"	1944	DE/4003/21
		1540	"	1585	"	1630	DE/4003/8	1675	"	1720	DE/4003/5	1765	"	1810	"	1855	"	1900	"	1945	"
		1541	DE/4003/16	1586	DE/4003/20	1631	DE/4003/8	1676	"	1721	DE/4003/6	1766	"	1811	"	1856	"	1901	DE/4003/9	1946	"
		1542	"	1587	DE/4003/6	1632	"	1677	"	1722	DE/4003/5	1767	"	1812	"	1857	"	1902	"	1947	DE/4003/10
		1543	DE/4003/15	1588	"	1633	"	1678	"	1723	"	1768	"	1813	"	1858	"	1903	"	1948	DE/4003/14
		1544	"	1589	"	1634	"	1679	"	1724	DE/4003/6	1769	"	1814	"	1859	"	1904	"	1949	"
1500	DE/4003/16	1545	DE/4003/16	1590	DE/4003/20	1635	"	1680	"	1725	"	1770	"	1815	"	1860	"	1905	"	1950	DE/4003/8
1501	"	1546	"	1591	DE/4003/6	1636	DE/4003/9	1681	"	1726	"	1771	"	1816	"	1861	"	1906	"	1951	"
1502	"	1547	DE/4003/2	1592	"	1637	"	1682	DE/4003/2	1727	"	1772	"	1817	"	1862	"	1907	"	1952	"
1503	"	1548	"	1593	"	1638	"	1683	DE/4003/15	1728	DE/4003/5	1773	"	1818	"	1863	"	1908	"	1953	"
1504	"	1549	DE/4003/16	1594	"	1639	"	1684	DE/4003/2	1729	"	1774	"	1819	"	1864	"	1909	"	1954	"
1505	"	1550	DE/4003/16	1595	DE/4003/20	1640	"	1685	"	1730	"	1775	"	1820	"	1865	"	1910	"	1955	"
1506	"	1551	DE/4003/3	1596	DE/4003/20	1641	"	1686	"	1731	DE/4003/6	1776	"	1821	"	1866	"	1911	"	1956	"
1507	"	1552	"	1597	DE/4003/5	1642	"	1687	"	1732	DE/4003/5	1777	"	1822	"	1867	"	1912	"	1957	"
1508	"	1553	"	1598	DE/4003/6	1643	"	1688	"	1733	DE/4003/6	1778	"	1823	"	1868	"	1913	"	1958	"
1509	"	1554	"	1599	DE/4003/5	1644	"	1689	DE/4003/15	1734	"	1779	"	1824	"	1869	"	1914	"	1959	"
1510	"	1555	"	1600	DE/4003/6	1645	"	1690	DE/4003/2	1735	DE/4003/6	1780	"	1825	"	1870	"	1915	"	1960	DE/4003/14
1511	"	1556	"	1601	DE/4003/20	1646	"	1691	DE/4003/15	1736	"	1781	"	1826	"	1871	"	1916	"	1961	"
1512	"	1557	"	1602	"	1647	"	1692	"	1737	"	1782	DE/4003/10	1827	"	1872	"	1917	"	1962	DE/4003/8
1513	"	1558	"	1603	"	1648	"	1693	"	1738	"	1783	"	1828	"	1873	"	1918	"	1963	"
1514	"	1559	"	1604	"	1649	"	1694	"	1739	DE/4003/5	1784	"	1829	"	1874	"	1919	"	1964	"
1515	"	1560	"	1605	DE/4003/6	1650	"	1695	"	1740	"	1785	"	1830	"	1875	DE/4003/10	1920	"	1965	"
1516	"	1561	DE/4003/17	1606	DE/4003/5	1651	"	1696	DE/4003/2	1741	"	1786	"	1831	"	1876	"	1921	"	1966	"
1517	"	1562	"	1607	DE/4003/6	1652	"	1697	"	1742	"	1787	"	1832	"	1877	"	1922	"	1967	"
1518	"	1563	"	1608	"	1653	"	1698	DE/4003/15	1743	DE/4003/6	1788	"	1833	"	1878	"	1923	"	1968	"
1519	DE/4003/15	1564	DE/4003/3	1609	DE/4003/5	1654	"	1699	"	1744	"	1789	"	1834	"	1879	"	1924	"	1969	"
1520	DE/4003/16	1565	"	1610	DE/4003/6	1655	"	1700	"	1745	DE/4003/5	1790	"	1835	"	1880	"	1925	"	1970	"
1521	"	1566	"	1611	DE/4003/5	1656	"	1701	"	1746	DE/4003/6	1791	"	1836	"	1881	"	1926	"	1971	"
1522	"	1567	"	1612	DE/4003/16	1657	"	1702	DE/4003/6	1747	DE/4003/5	1792	"	1837	DE/4003/8	1882	"	1927	"	1972	"
1523	"	1568	"	1613	"	1658	"	1703	DE/4003/15	1748	DE/4003/6	1793	"	1838	"	1883	"	1928	"	1973	"
1524	"	1569	"	1614	DE/4003/5	1659	"	1704	"	1749	"	1794	"	1839	"	1884	"	1929	"	1974	"
1525	DE/4003/16	1570	DE/4003/17	1615	DE/4003/6	1660	"	1705	"	1750	DE/4003/5	1795	"	1840	"	1885	"	1930	"	1975	DE/4003/14
1526	DE/4003/15	1571	DE/4003/3	1616	DE/4003/8	1661	"	1706	"	1751	DE/4003/6	1796	"	1841	"	1886	"	1931	"	1976	DE/4003/8
1527	DE/4003/16	1572	DE/4003/17	1617	"	1662	"	1707	DE/4003/15	1752	"	1797	"	1842	"	1887	"	1932	DE/4003/21	1977	DE/4003/9
1528	DE/4003/15	1573	"	1618	DE/4003/7	1663	"	1708	"	1753	DE/4003/20	1798	"	1843	"	1888	"	1933	"	1978	"
1529	"	1574	DE/4003/3	1619	"	1664	"	1709	"	1754	DE/4003/6	1799	"	1844	"	1889	"	1934	"	1979	"
1530	"	1575	DE/4003/14	1620	DE/4003/8	1665	"	1710	DE/4003/2	1755	DE/4003/5	1800	"	1845	"	1890	"	1935	"	1980	"

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1981	DE/4003/9			5041	DE/2000/5	5086	DE/2000/5			5176	DE/2000/8	5221	DE/2000/8	5266	DE/2000/1	5311	DE/2001/1	5356	DE/2001/3	5401	DE/2001/7
1982	"			5042	"	5087	"	5132	DE/2000/5	5177	"	5222	"	5267	"	5312	"	5357	"	5402	DE/2001/3
1983	"							5133	"	5178	"	5223	"	5268	"	5313	"	5358	"	5403	DE/2001/9
1984	"			5044	DE/2000/4	5089	"	5134	"	5179	DE/2000/9	5224	"	5269	"	5314	"	5359	"	5404	DE/2001/7
1985	"	5000	DE/2000/5	5045	"	5090	"	5135	"	5180	"	5225	"	5270	"	5315	"	5360	"	5405	DE/2001/3
1986	"	5001	"	5046	"	5091	"	5136	"	5181	"	5226	"	5271	"	5316	"	5361	"	5406	"
1987	"	5002	DE/2000/1	5047	"	5092	"	5137	"	5182	"	5227	"	5272	"	5317	"	5362	"	5407	DE/2001/7
1988	"	5003	"	5048	"					5183	DE/2000/8	5228	"	5273	"	5318	"	5363	"	5408	"
1989	"	5004	"	5049	"	5094	"			5184	"	5229	"	5274	"	5319	"	5364	"	5409	"
1990	"			5050	DE/2000/5	5095	"	5140	"	5185	"	5230	"	5275	"	5320	DE/2001/2	5365	"	5410	DE/2001/9
1991	"	5006	DE/2000/1			5096	"	5141	"	5186	"	5231	"	5276	"	5321	"	5366	"	5411	DE/2001/7
1992	"	5007	"	5052	DE/2000/5	5097	"	5142	"	5187	"	5232	"	5277	"	5322	"	5367	"	5412	DE/2001/9
1993	"	5008	"	5053	"	5098	"	5143	"	5188	"	5233	DE 2000 10			5323	"	5368	"	5413	DE/2001/7
1994	"	5009	"	5054	"	5099	"	5144	"	5189	"	5234	"	5279	"	5324	"	5369	"	5414	DE/2001/3
1995	"	5010	"	5055	"	5100	"	5145	"	5190	"	5235	"	5280	"	5325	"	5370	DE/2001/4		
1996	"	5011	DE/2000/1	5056	"	5101	"	5146	"	5191	"	5236	"	5281	"	5326	"	5371	"		
1997	"	5012	"	5057	"	5102	DE/2000/5	5147	"	5192	"	5237	"	5282	"	5327	"	5372	"		
1998	"	5013	"	5058	"	5103	"	5148	"	5193	"	5238	DE/2000/11	5283	"			5373	"		
1999	"	5014	"	5059	"	5104	"			5194	"	5239	"	5284	"	5329	"	5374	DE/2001/7		
		5015	"	5060	"	5105	"	5150	"	5195	"	5240	"	5285	"	5330	"	5375	"		
		5016	"	5061	"	5106	"	5151	DE/2000/6	5196	"	5241	"	5286	"	5331	"	5376	"		
		5017	"	5062	"	5107	"	5152	"	5197	"	5242	"	5287	"	5332	"	5377	"		
		5018	"	5063	"	5108	"	5153	"	5198	"	5243	"	5288	"	5333	"	5378	"		
		5019	"	5064	"	5109	"	5154	"	5199	"	5244	"	5289	"	5334	"	5379	DE/2001/3		
		5020	DE/2000/3	5065	"	5110	"	5155	"	5200	"	5245	"	5290	"	5335	"	5380	DE/2001/7		
		5021	"	5066	"	5111	"	5156	"	5201	"	5246	"	5291	"	5336	"	5381	DE/2001/3		
		5022	"			5112	DE/2000/5	5157	"	5202	"	5247	"	5292	"	5337	"	5382	"		
		5023	"			5113	"	5158	"	5203	"	5248	"	5293	"	5338	"				
		5024	"	5069	"			5159	"	5204	"	5249	"	5294	"	5339	"	5384	DE/2001/3		
		5025	"	5070	"	5115	"	5160	"	5205	"	5250	"	5295	"	5340	"	5385	"		
		5026	"	5071	"	5116	"	5161	"	5206	"	5251	"	5296	"	5341	"	5386	DE/2001/7		
		5027	"	5072	"	5117	"	5162	"	5207	"	5252	"	5297	"	5342	"	5387	"		
				5073	"	5118	"	5163	"	5208	"	5253	"	5298	"	5343	"	5388	"		
		5029	"	5074	"	5119	"	5164	"	5209	"	5254	"	5299	"	5344	"	5389	DE/2001/3		
		5030	"	5075	"	5120	"	5165	"	5210	"	5255	"	5300	DE/2001/5	5345	"	5390	"		
		5031	"	5076	"	5121	"	5166	DE/2000/7	5211	"	5256	"	5301	"	5346	"	5391	DE/2001/9		
		5032	"	5077	"			5167	"	5212	"	5257	"	5302	"	5347	DE/2001/3	5392	DE/2001/9		
		5033	"	5078	"	5123	DE/2000/5	5168	"	5213	"	5258	"	5303	"	5348	"	5393	"		
		5034	"	5079	"	5124	"	5169	"	5214	"	5259	"	5304	"	5349	"	5394	DE/2001/7		
		5035	"	5080	"	5125	"	5170	"	5215	"	5260	"	5305	"	5350	"	5395	DE/2001/7		
		5036	"	5081	"	5126	"	5171	"	5216	"	5261	"	5306	"	5351	"	5396	"		
		5037	"	5082	"	5127	"	5172	"	5217	"	5262	"	5307	DE/2001/1	5352	"	5397	DE/2001/7		
		5038	"	5083	"	5128	"	5173	"	5218	"	5263	"	5308	"	5353	"	5398	DE/2001/3		
		5039	"	5084	"	5129	"	5174	"	5219	"	5264	"	5309	"	5354	"	5399	DE/2001/7		
		5040	"	5085	"	5130	"	5175	"	5220	"	5265	"	5310	"	5355	"	5400	"		

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				5536	DE/2002/9	5581	DE/2002/9	5626	DE/2002/9	5671	DE/2002/8					5806	DE/2002/11	5851	DE/2002/8			
				5537	DE/2002/8	5582	DE/2002/8	5627	"	5672	"					5807	DE/2002/10	5852	"			
				5538	DE/2002/10	5583	DE/2002/11	5628	DE/2002/8	5673	DE/2002/9					5808	DE/2002/10	5853	"			
				5539	DE/2002/9	5584	DE/2002/9	5629	"	5674	DE/2002/8					5809	DE/2002/8	5854	DE/2002/9			
				5540	DE/2002/8	5585	DE/2002/8	5630	"	5675	DE/2002/9					5810	DE/2002/10	5855	DE/2002/8			
				5541	DE/2002/9	5586	DE/2002/9	5631	"	5676	DE/2002/8					5811	"	5856	DE/2002/12			
				5542	DE/2002/10	5587	DE/2002/8	5632	"	5677	DE/2002/9					5812	DE/2002/8	5857	DE/2002/8			
				5543	DE/2002/8	5588	"	5633	"	5678	"					5813	DE/2002/11	5858	DE/2002/9			
				5544	"	5589	DE/2002/12	5634	"	5679	DE/2002/8					5814	DE/2002/8	5859	DE/2002/8			
		5500	DE/2002/8	5545	DE/2002/9	5590	DE/2002/9	5635	"	5680	DE/2002/9					5815	DE/2002/11	5860	"			
		5501	"	5546	DE/2002/8	5591	DE/2002/8	5636	DE/2002/9	5681	DE/2002/8					5816	DE/2002/10	5861	"			
		5502	"	5547	"	5592	DE/2002/12	5637	"	5682	"					5817	DE/2002/9	5862	DE/2002/9			
		5503	"	5548	DE/2002/9	5593	DE/2002/9	5638	DE/2002/8	5683	DE/2002/9					5818	DE/2002/8					
		5504	"	5549	DE/2002/9	5594	DE/2002/8	5639	"	5684	"					5819	DE/2002/10					
		5505	"	5550	DE/2002/8	5595	DE/2002/9	5640	DE/2002/12	5685	"					5820	"					
		5506	"	5551	"	5596	DE/2002/12	5641	DE/2002/8	5686	DE/2002/8					5821	"					
		5507	"	5552	"	5597	DE/2002/8	5642	DE/2002/9	5687	"					5822	"					
		5508	"	5553	"	5598	"	5643	DE/2002/9	5688	"					5823	DE/2002/8					
		5509	"	5554	"	5599	DE/2002/9	5644	"	5689	"					5824	"					
		5510	"	5555	"	5600	DE/2002/8	5645	DE/2002/8	5690	"					5825	DE/2002/9					
		5511	"	5556	"	5601	DE/2002/9	5646	DE/2002/12	5691	DE/2002/9					5826	DE/2002/8					
		5512	"	5557	"	5602	"	5647	DE/2002/8	5692	DE/2002/8					5827	"					
		5513	"	5558	"	5603	DE/2002/8	5648	DE/2002/9	5693	"					5828	"					
		5514	"	5559	"	5604	"	5649	"	5694	"					5829	DE/2002/11					
		5515	"	5560	"	5605	DE/2002/12	5650	"	5695	"					5830	DE/2002/8					
		5516	"	5561	DE/2002/9	5606	DE/2002/12	5651	"	5696	"					5831	"					
		5517	"	5562	DE/2002/8	5607	DE/2002/8	5652	"	5697	"					5832	"					
		5518	"	5563	DE/2002/9	5608	DE/2002/9	5653	"	5698	DE/2002/9					5833	"					
		5519	"	5564	DE/2002/8	5609	"	5654	DE/2002/8	5699	DE/2002/8					5834	DE/2002/11					
		5520	"	5565	"	5610	"	5655	"							5835	DE/2002/8					
		5521	"	5566	"	5611	"	5656	DE/2002/12							5836	DE/2002/10					
		5522	"	5567	"	5612	DE/2002/8	5657	DE/2002/9							5837	DE/2002/8					
		5523	DE/2002/7	5568	"	5613	DE/2002/9	5658	DE/2002/9							5838	"					
		5524	"	5569	"	5614	"	5659	"							5839	DE/2002/10					
		5525	DE/2002/8	5570	"	5615	DE/2002/9	5660	DE/2002/8							5840	DE/2002/9					
		5526	"	5571	"	5616	DE/2002/12	5661	"							5841	DE/2002/8					
		5527	DE/2002/7	5572	"	5617	DE/2002/8	5662	DE/2002/9							5842	"					
		5528	DE/2002/7	5573	"	5618	"	5663	DE/2002/8							5843	"					
		5529	DE/2002/8	5574	DE/2002/9	5619	"	5664	"							5844	"					
		5530	DE/2002/7	5575	DE/2002/8	5620	DE/2002/9	5665	DE/2002/9							5845	DE/2002/9					
		5531	DE/2002/7	5576	"	5621	DE/2002/8	5666	DE/2002/8	5800	DE/2002/8	5845	DE/2002/9			5846	DE/2002/8					
		5532	DE/2002/6	5577	"	5622	DE/2002/9	5667	"	5801	"	5847	"			5848	DE/2002/8					
		5533	"	5578	"	5623	DE/2002/9	5668	"	5802	DE/2002/9	5849	DE/2002/9			5849	DE/2002/9					
		5534	DE/2002/7	5579	"	5624	DE/2002/8	5669	DE/2002/12	5803	DE/2002/10	5848	DE/2002/9			5849	DE/2002/8					
		5535	DE/2002/9	5580	"	5625	DE/2002/9	5670	DE/2002/9	5804	DE/2002/8	5849	DE/2002/8			5849	DE/2002/8					
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				6526	DE/3002/1	6571	DE/3002/1			6704	DE/3003/7	6751	DE/3003/1	6796	DE/3003/1	6841	DE/3003/4	6886	DE/3003/5		
				6527	DE/3002/3	6572	"			6707	"	6752	DE/3003/6	6797	"	6842	DE/3003/4	6887	"		
				6528	"	6573	"			6708	"	6753	DE/3003/1	6798	"	6843	"	6888	DE/3003/5		
				6529	"	6574	"			6709	"	6754	"	6799	"	6844	DE/3003/4	6889	DE/3003/5		
				6530	DE/3002/1	6575	"			6710	"	6755	DE/3003/8	6800	"	6845	DE/3003/4	6890	"		
				6531	DE/3002/3					6711	DE/3003/1	6756	"	6801	"	6846	DE/3003/4	6891	"		
				6532	"	6577	DE/3002/1			6712	DE/3003/6	6757	"	6802	"	6847	"	6892	"		
				6533	"	6578	"			6713	"	6758	DE/3003/1	6803	DE/3003/6	6848	DE/3003/4	6893	DE/3003/4		
				6534	DE/3002/1	6579	"			6714	"	6759	DE/3003/8	6804	DE/3003/1	6849	"	6894	"		
				6535	DE/3002/3	6580	DE/3002/3			6715	"	6760	"	6805	DE/3003/6	6850	"	6895	"		
				6536	"	6581	DE/3002/1			6716	"	6761	DE/3003/7	6806	DE/3003/1	6851	DE/3003/4	6896	DE/3003/3		
				6537	DE/3002/1	6582	"			6717	"	6762	"	6807	"	6852	"	6897	DE/3003/4		
				6538	DE/3002/3	6583	"			6718	DE/3003/8	6763	"	6808	DE/3003/6	6853	"	6898	"		
				6539	DE/3002/1	6584	"			6719	DE/3003/6	6764	DE/3003/8	6809	DE/3003/1	6854	DE/3003/4	6899	"		
				6540	"	6585	"			6720	"	6765	DE/3003/7	6810	"	6855	DE/3003/4	6900	"		
				6541	"	6586	DE/3002/2			6721	DE/3003/1	6766	"	6811	"	6856	"	6901	"		
				6542	"	6587	"			6722	DE/3003/6	6767	DE/3003/8	6812	DE/3003/6	6857	"	6902	"		
				6543	"	6588	"			6723	DE/3003/1	6768	DE/3003/7	6813	DE/3003/1	6858	DE/3003/4	6903	"		
				6544	"	6589	"			6724	DE/3003/6	6769	DE/3003/8	6814	"	6859	DE/3003/4	6904	"		
		6500	DE/3002/1	6545	"	6590	"			6725	DE/3003/1	6770	"	6815	DE/3003/6	6860	DE/3003/4	6905	"		
		6501	"	6546	"	6591	"			6726	"	6771	DE/3003/7	6816	"	6861	"	6906	"		
				6547	"	6592	"			6727	DE/3003/6	6772	DE/3003/8	6817	DE/3003/1	6862	DE/3003/3	6907	"		
		6503	DE/3002/1	6548	"	6593	"			6728	DE/3003/1	6773	"	6818	DE/3003/6	6863	DE/3003/4	6908	"		
		6504	"	6549	"	6594	"			6729	"	6774	"	6819	DE/3003/4	6864	"	6909	"		
		6505	"	6550	"	6595	"			6730	"	6775	DE/3003/1	6820	"	6865	"	6910	"		
		6506	"	6551	"	6596	"			6731	"	6776	DE/3003/7	6821	"	6866	"	6911	"		
		6507	"	6552	"	6597	"			6732	"	6777	DE/3003/8	6822	"	6867	DE/3003/4	6912	"		
		6508	"	6553	"					6733	DE/3003/6	6778	"	6823	"	6868	"	6913	DE/3003/3		
		6509	"	6554	"					6734	"	6779	DE/3003/7	6824	"	6869	DE/3003/4	6914	DE/3003/3		
		6510	"	6555	"	6600	DE/3003/4			6735	DE/3003/1	6780	"	6825	"	6870	DE/3003/4	6915	DE/3003/4		
		6511	DE/3002/3	6556	"	6601	DE/3003/4			6736	"	6781	DE/3003/6	6826	"	6871	DE/3003/4	6916	"		
		6512	DE/3002/1	6557	"	6602	DE/3003/4			6737	DE/3003/6	6782	DE/3003/1	6827	"	6872	"	6917	DE/3003/3		
		6513	DE/3002/3	6558	"	6603	DE/3003/4			6738	DE/3003/1	6783	"	6828	DE/3003/4	6873	DE/3003/4	6918	"		
		6514	"	6559	"	6604	"			6739	DE/3003/6	6784	"	6829	DE/3003/4	6874	DE/3003/4	6919	DE/3003/4		
		6515	DE/3002/1	6560	"	6605	"			6740	DE/3003/1	6785	"	6830	"	6875	DE/3003/5	6920	DE/3003/3		
		6516	DE/3002/3	6561	"	6606	"			6741	DE/3003/6	6786	DE/3003/6	6831	"	6876	"	6921	DE/3003/4		
		6517	"	6562	"	6607	DE/3003/4			6742	DE/3003/1	6787	DE/3003/1	6832	"	6877	"	6922	DE/3003/3		
		6518	DE/3002/1	6563	"	6608	"			6743	DE/3003/6	6788	"	6833	DE/3003/4	6878	DE/3003/5	6923	"		
		6519	DE/3002/3	6564	"					6744	"	6789	DE/3003/6	6834	DE/3003/4	6879	DE/3003/5	6924	DE/3003/4		
		6520	"	6565	"					6745	DE/3003/1	6790	DE/3003/1	6835	"	6880	"	6925	DE/3003/3		
		6521	"	6566	"					6746	"	6791	DE/3003/6	6836	"	6881	"	6926	DE/3003/4		
		6522	DE/3002/1	6567	"					6747	DE/3003/6	6792	DE/3003/1	6837	DE/3003/4	6882	"	6927	DE/3003/3		
		6523	"	6568	"					6748	DE/3003/1	6793	"	6838	DE/3003/4	6883	"	6928	"		
		6524	"	6569	"					6749	DE/3003/6	6794	"	6839	DE/3003/4	6884	"	6929	"		
		6525	DE/3002/3	6570	"					6750	DE/3003/1	6795	DE/3003/6	6840	"	6885	DE/3003/5	6930	"		



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6934	"	6979	DE/3003/4																			
6935	DE/3003/3	6980	DE/3003/4																			
6936	DE/3003/4	6981	"	7026	"																	
6937	"	6982	"																			
6938	DE/3003/3			7028	"																	
6939	"	6984	DE/3003/4	7029	"																	
6940	"	6985	"	7030	"	7075	DH/3100/2															
6941	DE/3003/4	6986	"	7031	"	7076	"															
6942	DE/3003/3	6987	DE/3003/4	7032	"																	
6943	DE/3003/4	6988	"																			
6944	"	6989	DE/3003/4																			
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6946	"	6991	DE/3003/4																			
6947	DE/3003/5	6992	"																			
6948	DE/3003/3	6993	"																			
6949	"	6994	"																			
6950	"	6995	"																			
6951	"	6996	"																			
6952	"	6997	DE/3003/4																			
6953	"	6998	"																			
6954	DE/3003/4	6999	"	7044	"	7089	"															
6955	DE/3003/4	7000	DH/3100/1																			
6956	"	7001	"																			
6957	"																					
6958	"					7093	"															
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6960	DE/3003/5																					
6961	"																					
6962	"																					
6963	"																					
6964	"	7009	"																			
6965	"			7055	DH/3100/2																	
6966	"	7011	"																			
6967	"																					
6968	"																					
6969	DE/3003/4																					
6970	DE/3003/4																					
6971	"	7016	"																			
6972	"	7017	"																			
6973	DE/3003/4	7018	"																			
6974	DE/3003/4																					
6975	DE/3003/4																					

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
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				7317	"	7342	"	7607	"	7652	DE/2000/11										
				7318	"	7343	"	7608	DE/2000/11	7653	"										
				7319	"	7344	"	7609	"	7654	"										
				7320	"	7345	"	7610	"	7655	"										
				7321	"	7346	"	7611	"	7656	DE/2000/11										
				7322	"	7347	"	7612	"	7657	"										
				7323	"	7348	DE/2000/14	7613	"	7658	DE/2000/12										
				7324	"	7349	DE/2000/8	7614	"	7659	"										
				7325	"	7350	"	7615	"	7660	DE/2000/12										
				7326	"	7351	DE/2000/14	7616	"	7661	"										
				7327	"	7352	"	7617	"	7662	"										
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				7333	"	7358	DE/2000/14	7623	"	7668	"										
				7334	"	7359	"	7624	"	7669	"										
				7335	"	7360	DE/2000/14	7625	"	7670	DE/2000/11										
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				7337	"	7362	DE/2000/14	7627	DE/2000/11	7672	"										
				7338	"	7363	"	7628	"	7673	"										
				7339	"	7364	"	7629	DE/2000/12	7674	DE/2000/12										
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		7301	"	7346	"	7371	"	7636	"												
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		7315	"	7360	"			7650	DE/2000/12												

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			
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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	
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						8555	DE/1004/1	8600	"													
								8601	"													
						8557	DE/1004/1	8602	"													
		8513	DE/1004/1			8558	"	8603	"													
						8559	"	8604	"													
		8515	DE/1004/1																			
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						8562	"	8607	"													
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						8565	DE/1004/1	8610	DE/1004/2													
						8567	DE/1004/1	8612	DE/1004/2													
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		8535	DE/1004/1			8580	"															
		8536	"			8581	"															
		8538	DE/1004/1			8583	DE/1004/1															
		8539	"																			
		8540	"																			
		8541	"			8586	DE/1004/3															
		8542	"			8587	"															
		8543	"			8588	DE/1004/2															
						8589	"															
		8500	DE/1004/1			8545	DE/1004/1	8590	"													
						8546	"															
		8502	DE/1004/1					8592	DE/1004/2													
						8548	DE/1004/1	8593	"													
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		8505	"			8550	"															



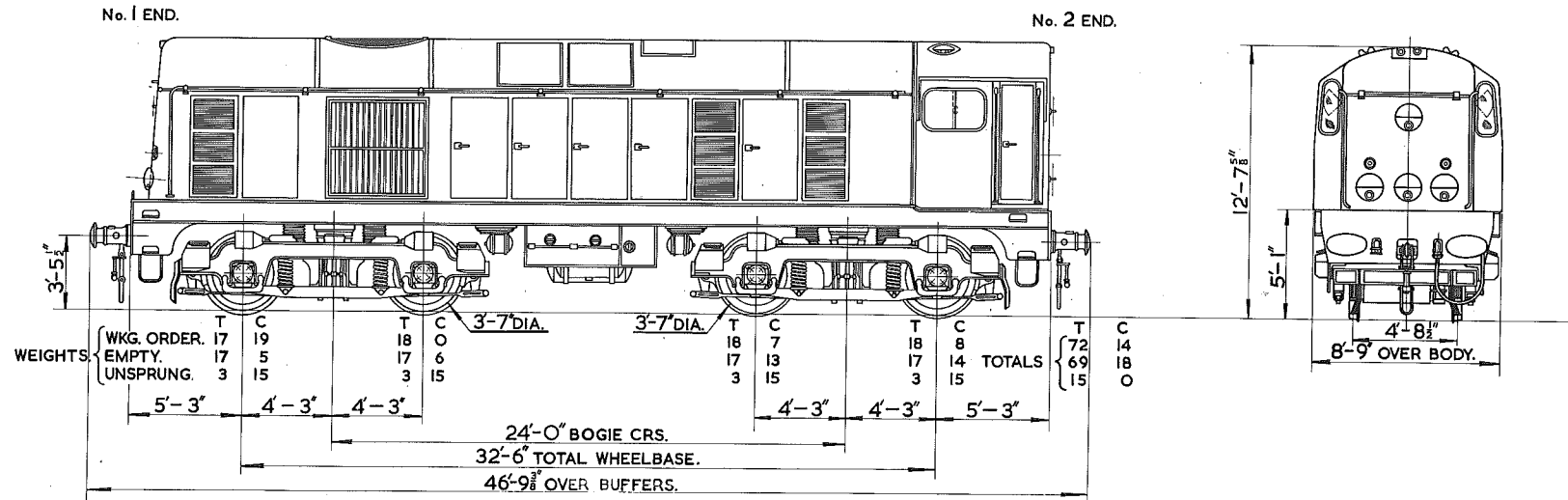










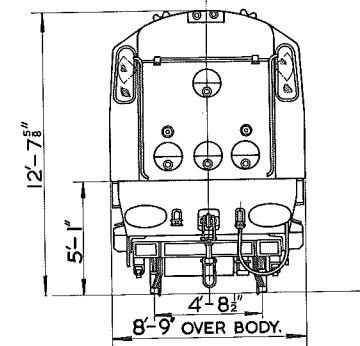
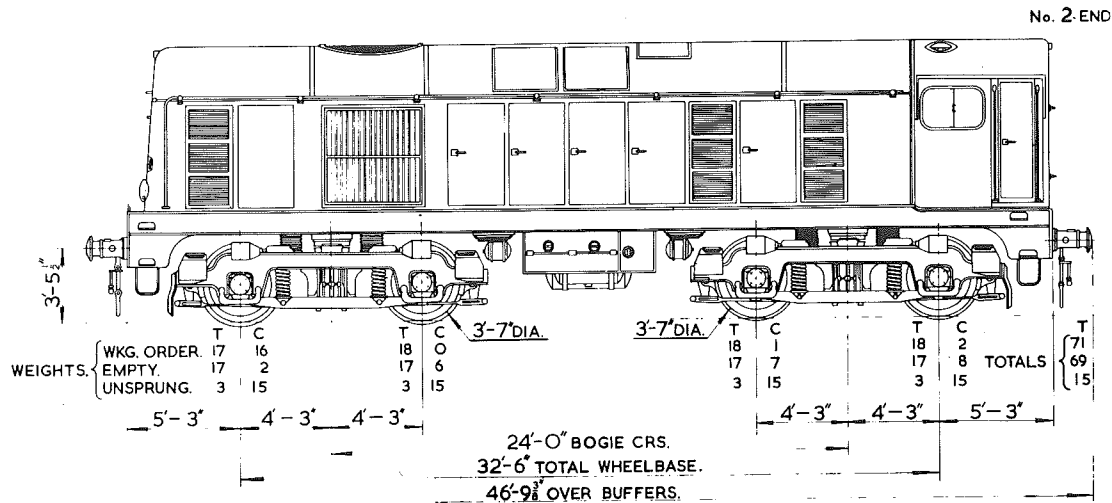


ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE.	ENGLISH ELECTRIC 8 SVT. MK.II 8 CYL. 4 STROKE.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	{ MAX. CONT. RATED OUTPUT. MAKE & TYPE.	1000 H.P. AT 850 R.P.M. ENGLISH ELECTRIC E.E. 819/3C.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	82.5%.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC E.E. 526/5D. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	75 M.P.H. 3 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	42000 LB. AT 26% ADHESION. AT 1800 AMPS. MAIN GENERATOR. 25000 LB. AT 11 M.P.H. AT 1,200 AMPS. MAIN GENERATOR. 770 H.P. AVAILABLE BETWEEN 5 & 75 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	380 GALLS.

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

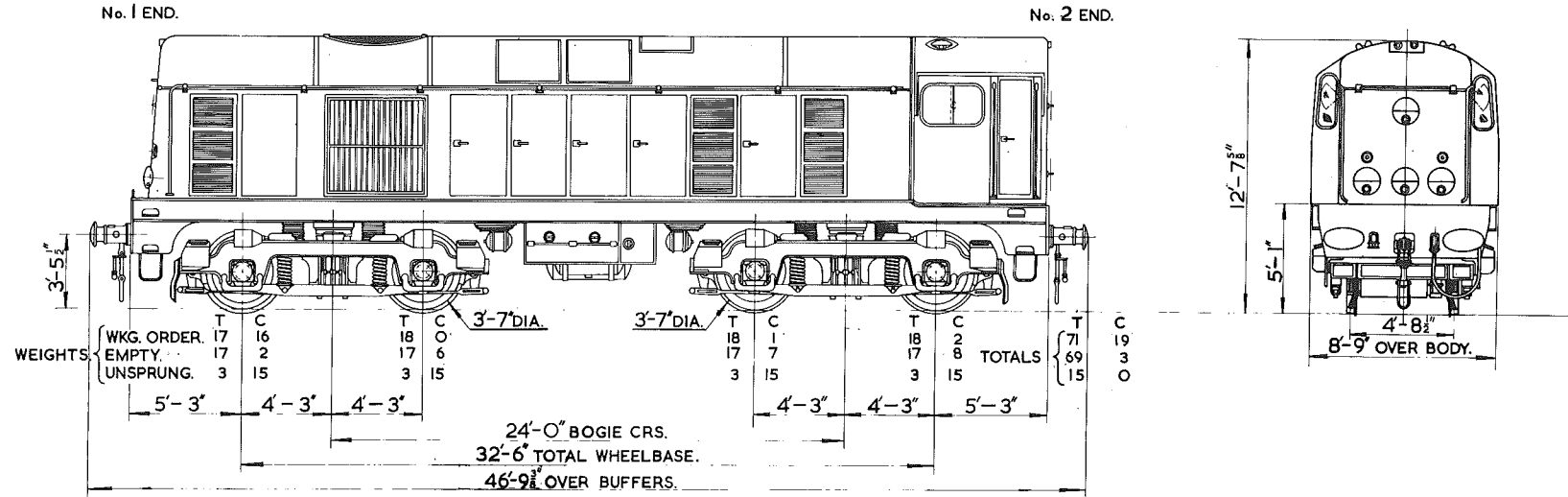
CLASS 20





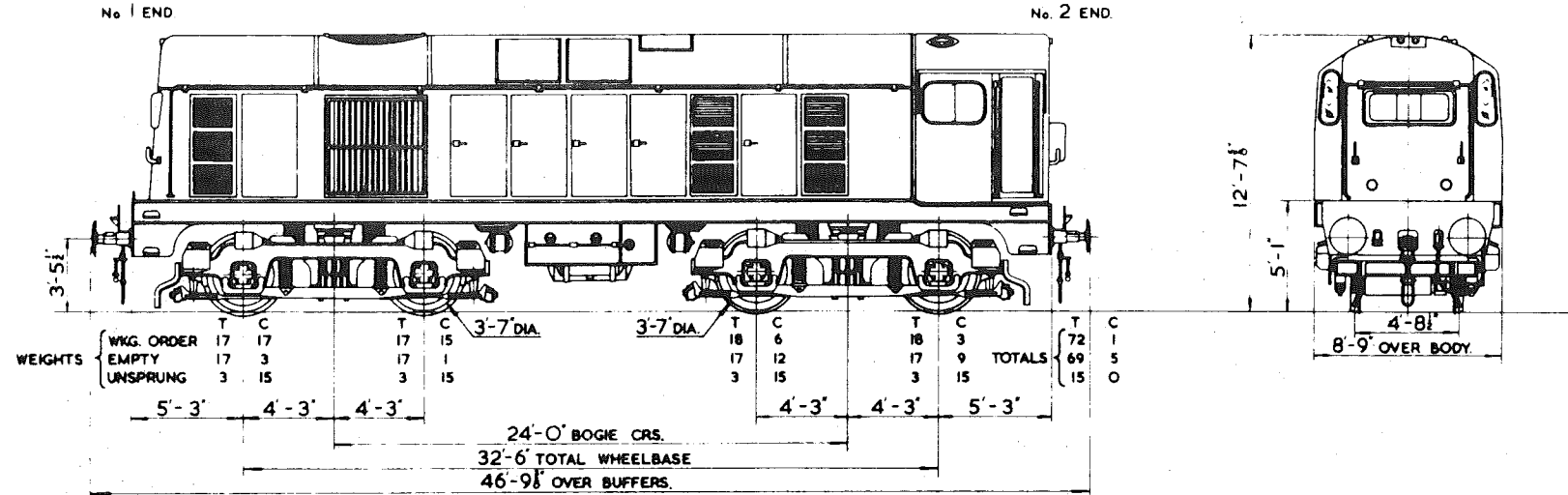
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 8 SVT. MK.II 8 CYL. 4 STROKE. 1000 H.P. AT 850 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	{ MAKE & TYPE.	ENGLISH ELECTRIC E.E. 819/3C.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER	83.4%
TRACTION MOTORS.	{ MAKE & TYPE No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC E.E. 526/5D. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED	75 M.P.H. 3 1/2 CHAINS
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	42000 LB. AT 26 1/2% ADHESION. AT 1800 AMPS. MAIN GENERATOR. 25000 LB. AT 11 M.P.H. AT 1200 AMPS. MAIN GENERATOR. 770 H.P. AVAILABLE BETWEEN 5 & 75 MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	380 GALLS.

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



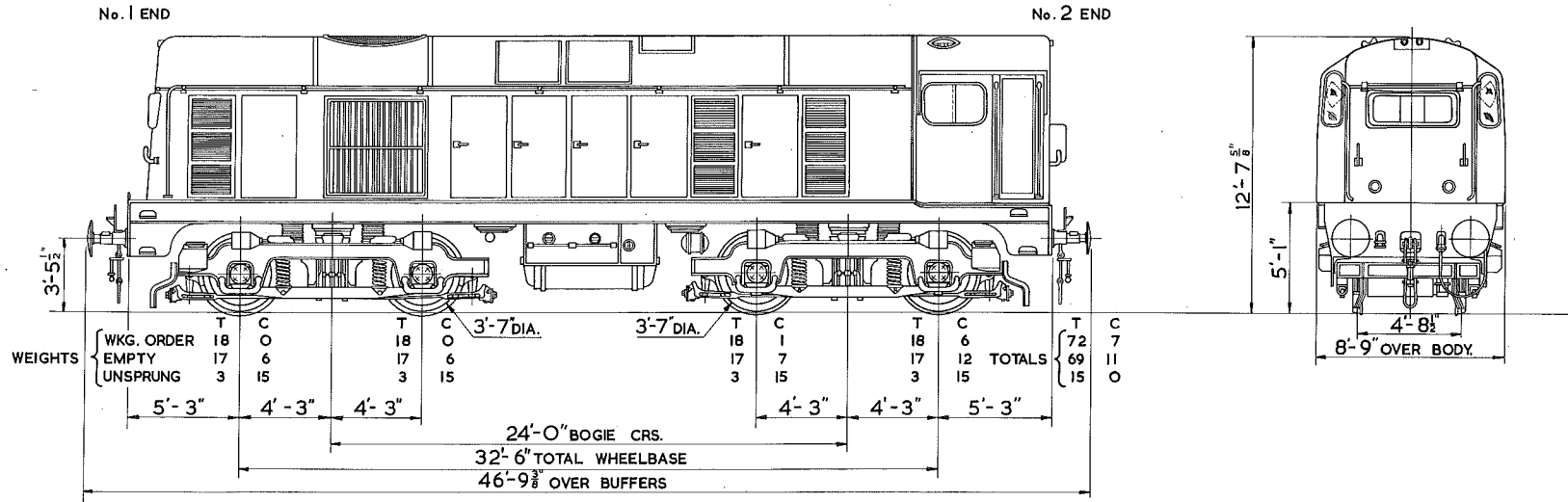
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 8 SVT. MK. II 8 CYL. 4 STROKE. 1000 H.P. AT 850 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 83.4%
MAIN GENERATOR.	{ MAKE & TYPE.	ENGLISH ELECTRIC E.E. 819/3C.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC E.E. 526/8D. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	3 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	42000 LB. AT 26 1/2% ADHESION. AT 1800 AMPS. MAIN GENERATOR. 25,000 LB. AT 110 M.P.H. AT 1,200 AMPS. MAIN GENERATOR. 770 H.P. AVAILABLE BETWEEN 5 & 75 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	380 GALLS.

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



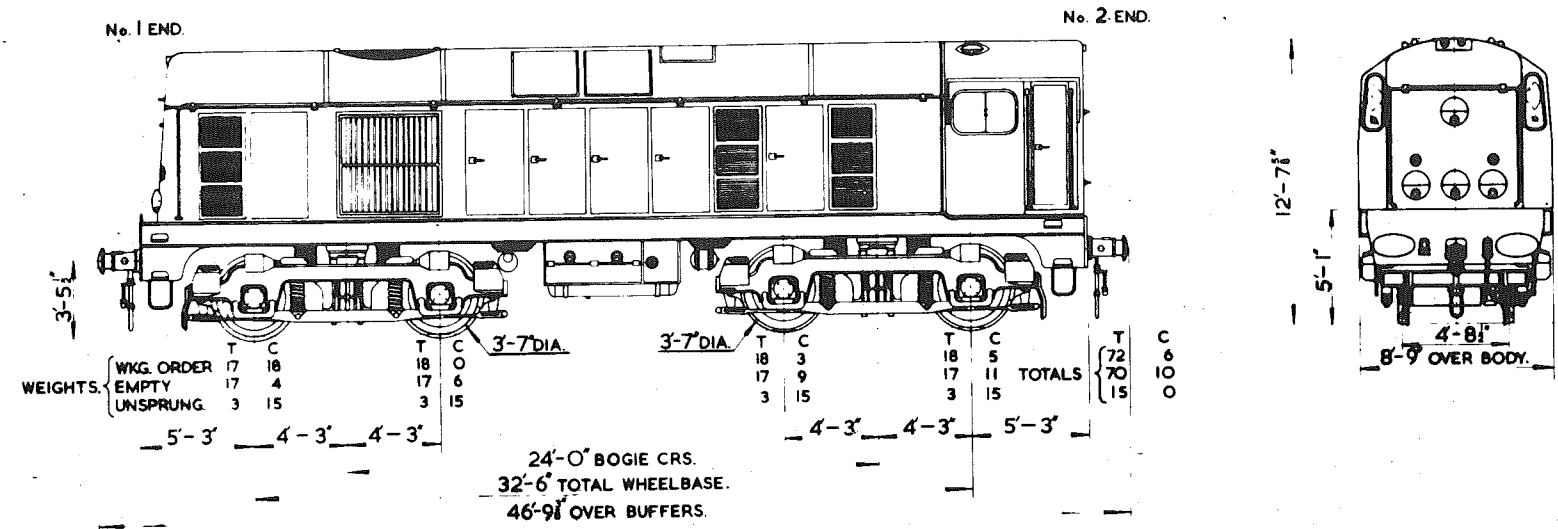
ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 8 S.V.T. MK.II	BRAKING	TYPE { FOR LOCO FOR TRAIN	AIR VACUUM
	No. OF CYLS. & CYCLE	8 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	83.2%
	MAX. CONT. RATED OUTPUT	1000 H.P. AT 850 R.P.M.			
MAIN GENERATOR	MAKE & TYPE	ENGLISH ELECTRIC E.E.819/3C	SPEED	MAX PERMITTED SERVICE SPEED	75 M.P.H.
TRACTION MOTORS	MAKE & TYPE	ENGLISH ELECTRIC E.E.526/BD	MINIMUM RADIUS CURVES	HORIZONTAL WITHOUT GAUGE WIDENING	3.5 CHAINS
	No.	FOUR		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.07 CHAINS
	TYPE OF SUSPENSION	NOSE		VERTICAL CONVEX	9.75 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION		VERTICAL CONCAVE	11 CHAINS.
	MAX TRACTIVE EFFORT	42000 LB AT 26 % ADHESION	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE	
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 1800 AMPS. MAIN GENERATOR 25000 LB. AT 11.0 M.P.H.	TANK CAPACITIES	STEAMING CAPACITY	
		AT 1000 AMPS. MAIN GENERATOR 770 HP		ENGINE FUEL	380 GALLONS
	RAIL H.P. AT CONT. RATING	AVAILABLE BETWEEN 5 & 75 M.P.H.		BOILER FUEL	
	FULL ENGINE OUTPUT			BOILER WATER	

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



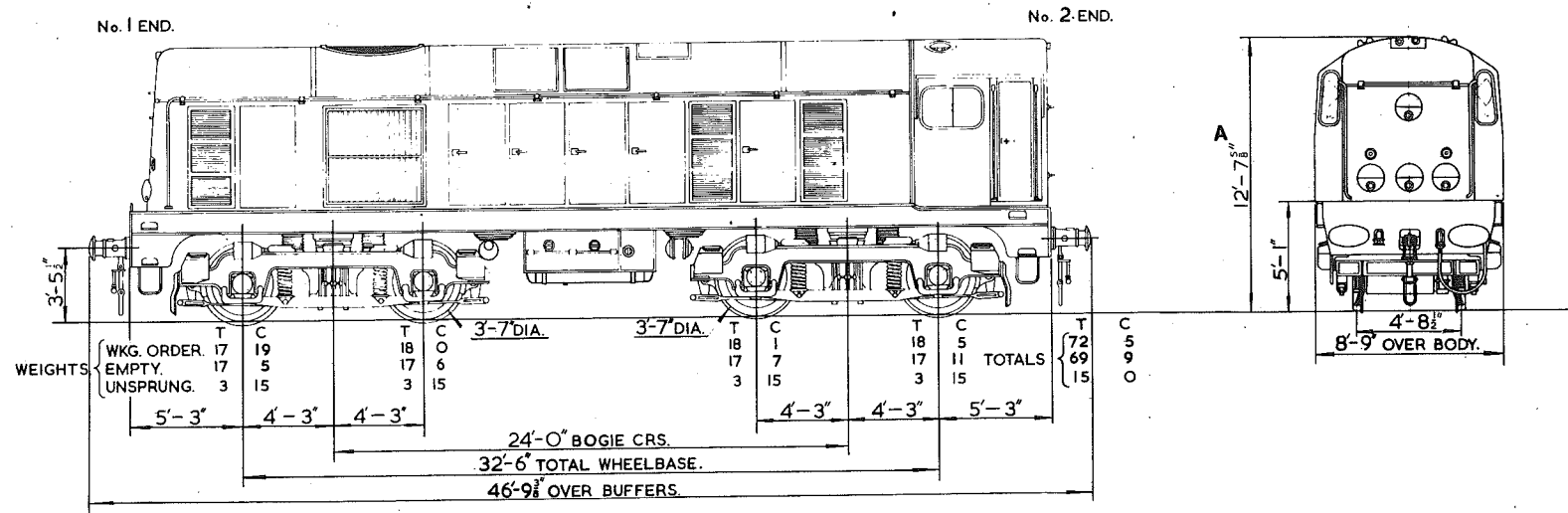
ENGINE	{ MAKE & TYPE No. OF CYLS. & CYCLE MAX. CONT. RATED OUTPUT	ENGLISH ELECTRIC 8 S.V.T. MK.II 8 CYL. 4 STROKE. 1,000 H.P. AT 850 R.P.M.	BRAKING	{ TYPE { FOR LOCO. FOR TRAIN BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	STRAIGHT AIR. & AUTO. AIR. AUTO. AIR. & AIR CONT. VAC. 82.8%
MAIN GENERATOR	{ MAKE & TYPE	ENGLISH ELECTRIC E.E.819/3C	SPEED	MAX PERMITTED SERVICE SPEED	75 M.P.H.
TRACTION MOTORS	{ MAKE & TYPE No.	ENGLISH ELECTRIC E.E.526/8D FOUR	MINIMUM RADIUS 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
	{ TYPE OF SUSPENSION TYPE OF GEAR DRIVE MAX TRACTIVE EFFORT	NOSE SINGLE REDUCTION 42000 LB AT 25.9% ADHESION AT 1800 AMPS. MAIN GENERATOR		TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE STEAMING CAPACITY
PERFORMANCE	{ CONT. TRACTIVE EFFORT	25000 LB. AT 11.0 M.P.H. AT 1000 AMPS. MAIN GENERATOR	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	380 GALLONS
	{ RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT	770 HP AVAILABLE BETWEEN 5 & 75 M.P.H.			

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



ENGINE.	MAKE & TYPE	ENGLISH ELECTRIC 8 SV.T. MK II	BRAKING	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS & CYCLE	8 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT RATED OUTPUT.	1000 H.P. AT 850 R.P.M.			82.9%
MAIN GENERATOR.	MAKE & TYPE	ENGLISH ELECTRIC E.E. 819/3C	SPEED	MAX PERMITTED SERVICE SPEED	75 M.P.H.
	MAKE & TYPE	ENGLISH ELECTRIC E.E. 526/5D		HORIZONTAL WITHOUT GAUGE WIDENING	3.5 CHAINS
TRACTION MOTORS.	No.	FOUR.	MINIMUM RADIUS	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.075 CHAINS
	TYPE OF SUSPENSION	NOSE.	CURVES	VERTICAL CONVEX	9.75 CHAINS
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		VERTICAL CONCAVE	11 CHAINS
	MAX TRACTIVE EFFORT.	42000 LB. AT 25.9% ADHESION.	TRAIN HEATING	BOILER MAKE & TYPE	
		AT 1800 AMPS MAIN GENERATOR.	EQUIPMENT	STEAMING CAPACITY	
PERFORMANCE.	CONT. TRACTIVE EFFORT.	25000 LB. AT 11.0 M.P.H.			
		AT 1.200 AMPS MAIN GENERATOR.	TANK CAPACITIES	ENGINE FUEL	380 GALLONS
	RAIL H.P. AT CONT RATING.	770 H.P.		BOILER FUEL	
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 5 & 75 MPH		BOILER WATER	

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



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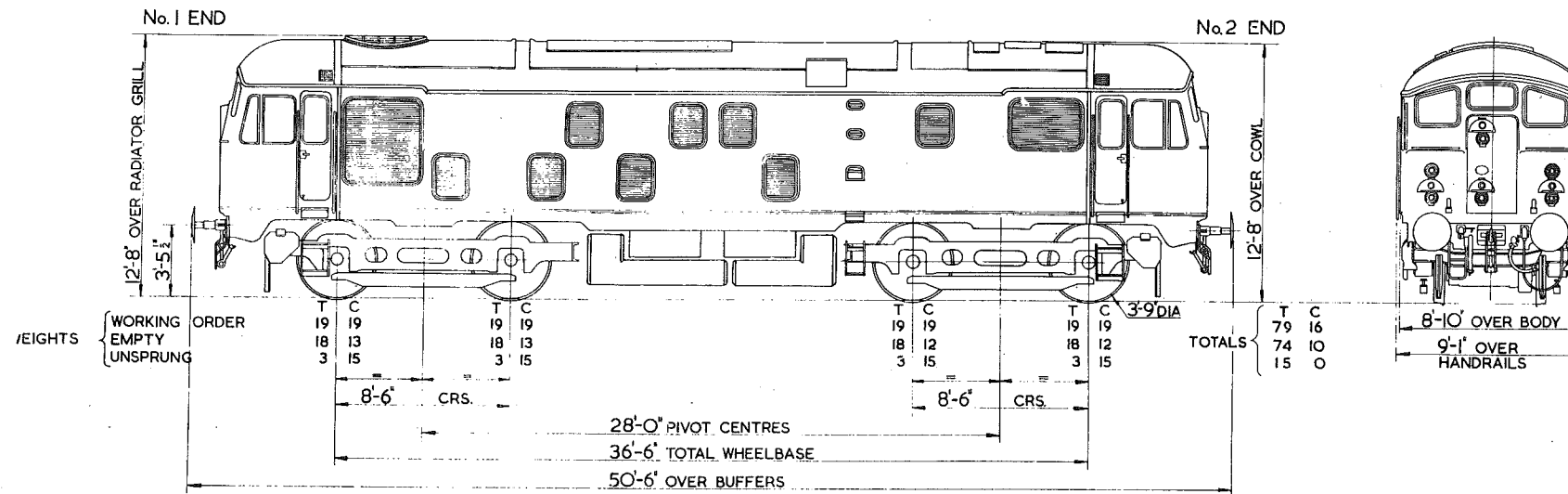
MARCH 1973

ENGINE.	{ MAKE & TYPE.	ENGLISH ELECTRIC 8 SVT. 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.	1000 H.P. AT 850 R.P.M.		{ BRAKE FORCE { % OF LOCO. WEIGHT	83 %
	{ MAKE & TYPE.	ENGLISH ELECTRIC E.E. 819/3C.		{ IN WORKING ORDER	
TRACTION MOTORS.	{ MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/8D.	SPEED	{ MAX PERMITTED SERVICE SPEED	/5 M.P.H.
	{ No.	FOUR.		{ HORIZONTAL WITHOUT GAUGE WIDENING	3.5 CHAINS
	{ TYPE OF SUSPENSION	NOSE.	MINIMUM RADIUS	{ HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.07 CHAINS
	{ TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVES	{ VERTICAL CONVEX	9.75 CHAINS
	{ MAX. TRACTIVE EFFORT.	42000 LB. AT 25.9% ADHESION.		{ VERTICAL CONCAVE	11 CHAINS
PERFORMANCE.	{ CONT. TRACTIVE EFFORT.	25,000 LB. AT 11.0 M.P.H.	TRAIN HEATING	{ BOILER MAKE & TYPE	
	{ RAIL H.P. AT CONT. RATING.	770 H.P.	EQUIPMENT	{ STEAMING CAPACITY	
	{ FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 5 & 75 MPH.	TANK CAPACITIES	{ ENGINE FUEL	380 GALLONS
				{ BOILER FUEL	
				{ BOILER WATER	

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

CLASS 20





DE/2000/1

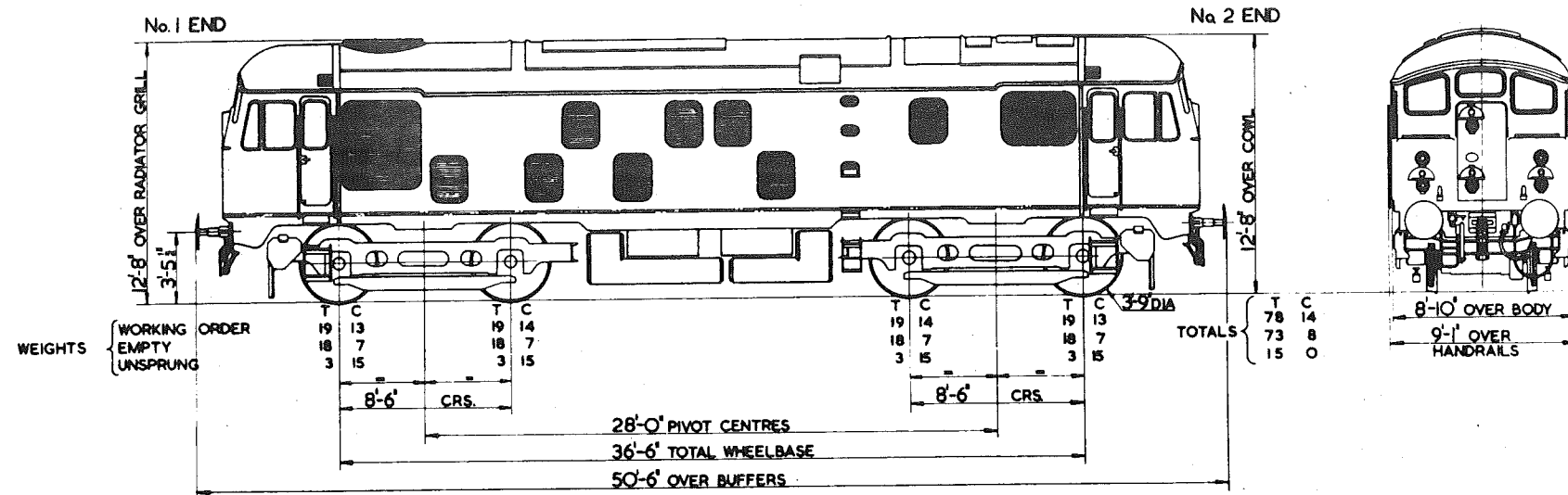
MARCH 1973

ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28. 6 CYL. 4 STROKE. 1160 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	{ MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B. 15656.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	78.7%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRITISH-THOMSON-HOUSTON. 137 B.Y. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	75 M.P.H. 4½ CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	40,000 LBS. AT 22.3% ADHESION. AT 2,320 AMPS. MAIN GENERATOR. 21,300 LBS. AT 14.8 M.P.H. AT 1,400 AMPS. MAIN GENERATOR. 843 H.P. AVAILABLE BETWEEN 7.7 & 69 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	{ OK 4616A OR OK 4616B. 1750 LBS./HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	546 GALLS. 600 GALLS.

1160 H.P. B.R. TYPE 2 B.B. DIESEL ELECTRIC LOCOMOTIVE.

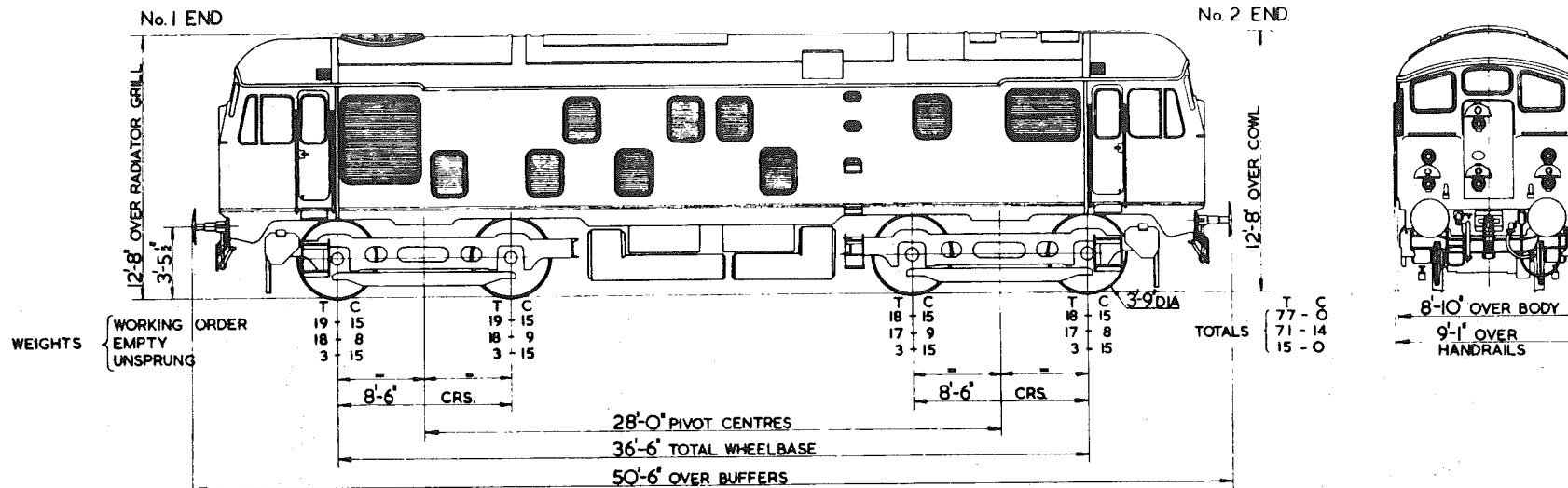
CLASS 24/1





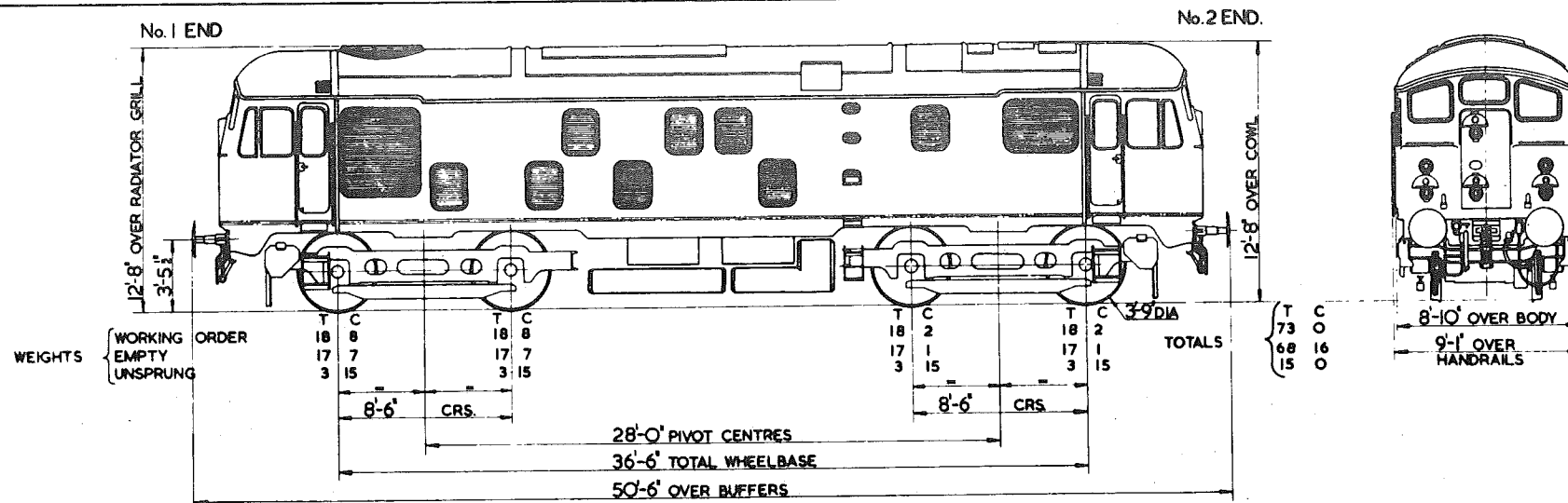
ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	79.8%
	MAX. CONT. RATED OUTPUT.	1160 HP AT 750 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B 15656.	SPEED.	MAX. PERMITTED SERVICE SPEED	75 M.P.H.
	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. 137.BY	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. STEAMING CAPACITY.	STONE VAPOR QK. 4616/B 1750 LBS./HOUR
	MAX. TRACTIVE EFFORT.	40000 LBS. AT 22.7% ADHESION. AT 2320 AMPS. MAIN GENERATOR.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	21,300 LBS. AT 14.8 M.P.H. AT 1400 AMPS. MAIN GENERATOR.	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	546 GALLS. 600 GALLS.
	RAIL H.P. AT CONT RATING.	843 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.7 & 69 M.P.H.			

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



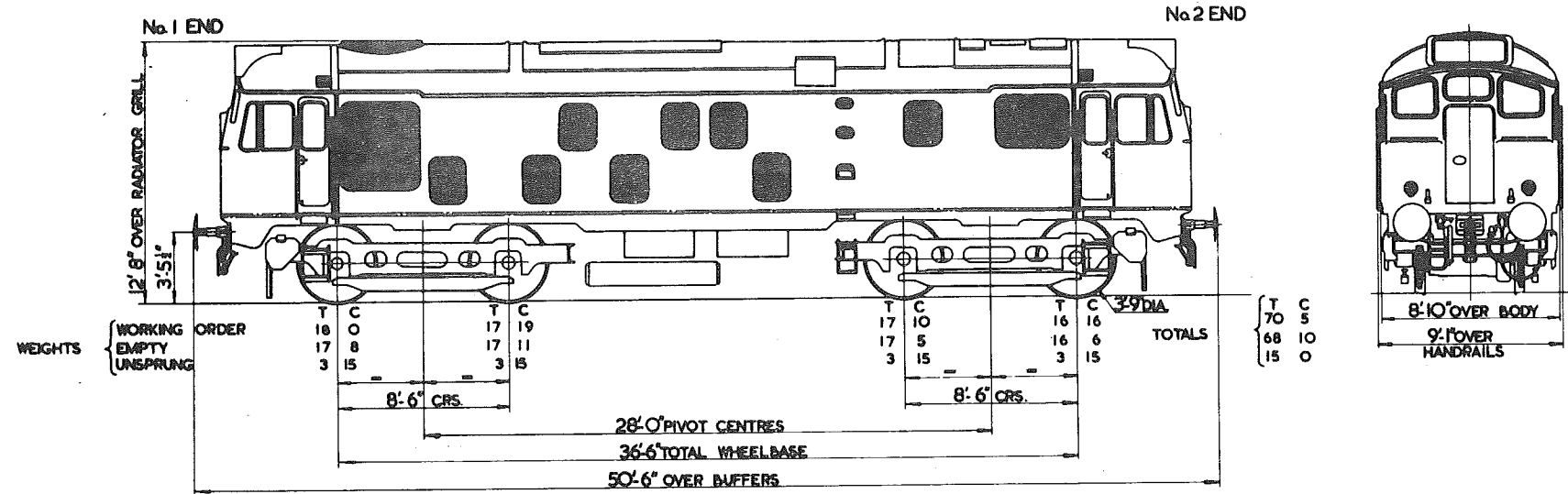
ENGINE.	{ MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6L.D.A. 28. 6 CYL. 4 STROKE. 1160 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	{ MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B 15656.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	81.6%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRITISH-THOMSON-HOUSTON. 137.B.Y. FOUR. NOSE.	CURVE.	{ MAX. PERMITTED SERVICE SPEED MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED	75 M.P.H. 4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT RATING. FULL ENGINE OUTPUT.	4Q000 LBS. AT 23.2% ADHESION. AT 2,320 AMPS. MAIN GENERATOR. 21,300 LBS. AT 14.8 M.P.H. AT 1400 AMPS. MAIN GENERATOR. 843 H.P. AVAILABLE BETWEEN 7.7 & 69 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR L.4610. 1000 LBS./HOUR
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	546 GALLS. 450 GALLS.

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



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28. 6 CYL. 4 STROKE. 1160 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRITISH-THOMSON-HOUSTON, R.T.B. 15656. BRITISH-THOMSON-HOUSTON, 137.B.Y.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	86%
TRACTION MOTORS.	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 40000 LBS. AT 24.5% ADHESION. AT 2,320 AMPS. MAIN GENERATOR.	CURVE.	{ MAX. PERMITTED SERVICE SPEED MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED	75 M.P.H. 4 1/2 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	21,300 LBS. AT 14.8 M.P.H. AT 1400 AMPS. MAIN GENERATOR. 843 H.P. AVAILABLE BETWEEN 7.7 & 69 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR L4610 1000 LBS./HOUR
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS 450 GALLS

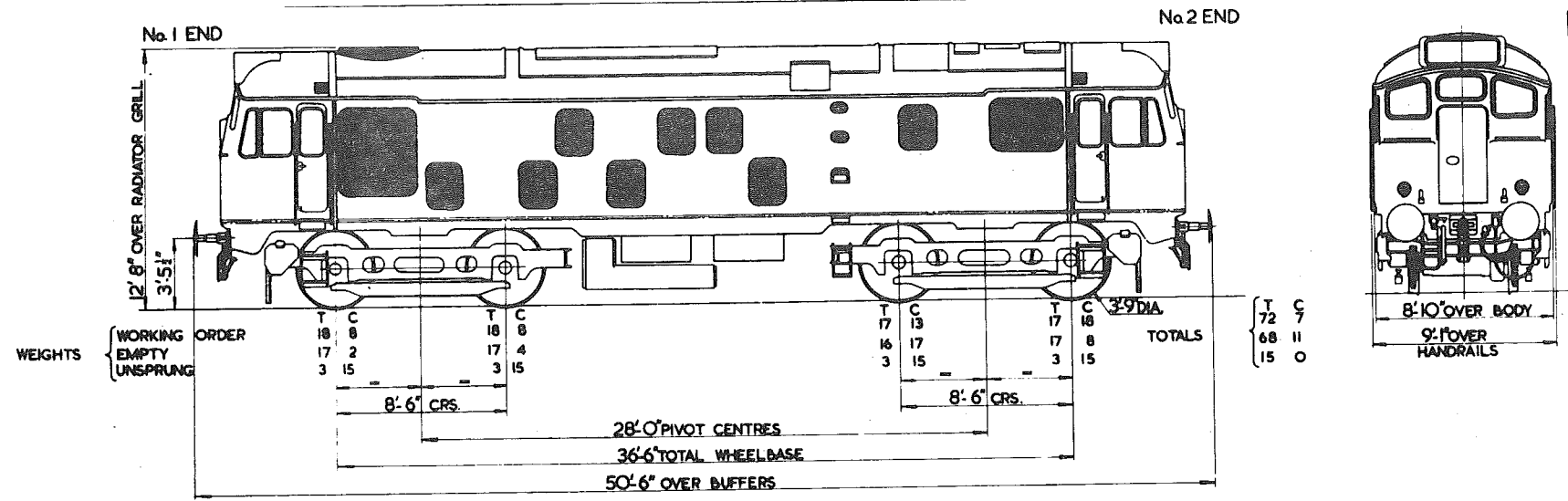
**1160 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 24/2**



ENGINE.	MAKE & TYPE No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6L.D.A 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.	SPEED.	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 BX. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	MAX. PERMITTED SERVICE SPEED MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H. 4 1/2 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	39,000 LBS. AT 24.8% ADHESION. AT 2530 AMPS. MAIN GENERATOR. 20,800 LBS. AT 17.1 M.P.H. AT 1500 AMPS. MAIN GENERATOR. 949 H.P. AVAILABLE BETWEEN 9.3 & 76 MPH.	TRAIN HEATING. EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS.

1250 H.P. BR. TYPE 2 BB. DIESEL ELECTRIC LOCOMOTIVE.

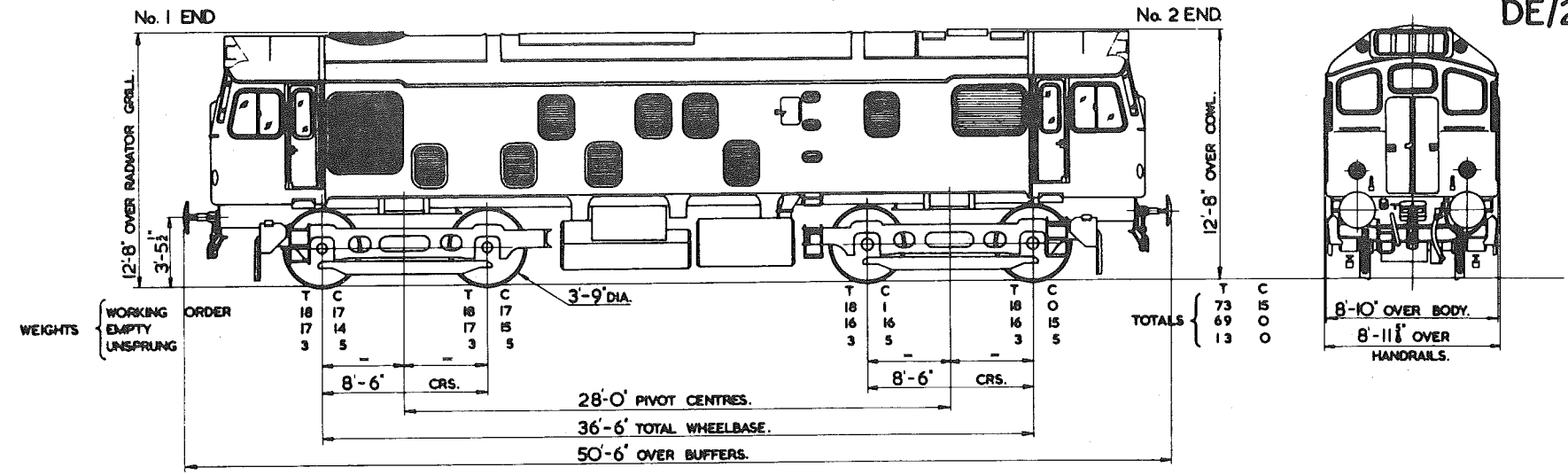
CLASS 25



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.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	86.9%.
TRACTION MOTORS.	{ MAKE & TYPE. No TYPE OF SUSPENSION TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	A.E.I. 137 BX. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H. 4 1/2 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	39000 LBS. AT 24.1% ADHESION. AT 2530 AMPS. MAIN GENERATOR. 20800 LBS. AT 17.1 M.P.H. AT 1500 AMPS. MAIN GENERATOR. 949 H.P. AVAILABLE BETWEEN 9.3 & 76 M.P.H.	TRAIN HEATING. EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS.

1250 H.P. BR. TYPE 2 BB. DIESEL ELECTRIC LOCOMOTIVE.

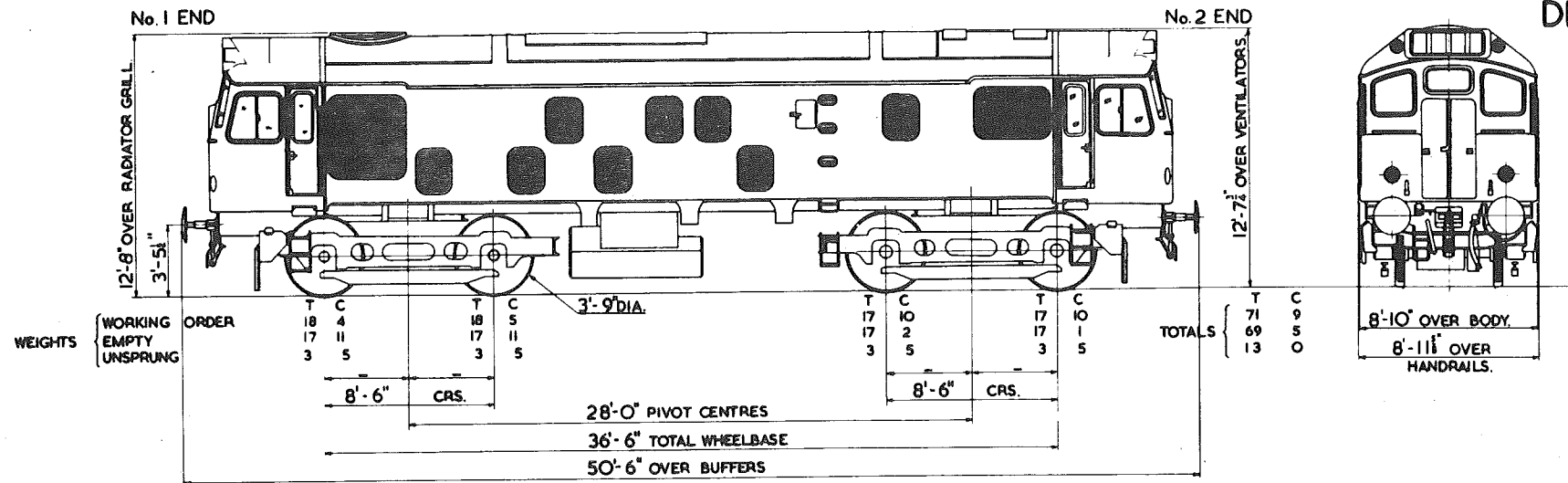
CLASS 25



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.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	85.2%
	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	A.E.I. R.T.B. 15656.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 MPH.
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 A.Y.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.
	No.	FOUR.			
	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR L4610 1000 LBS/HOUR.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.2% ADHESION AT 2,340 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS. 580 GALLS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	20,800 LBS. AT 17.1 M.P.H. AT 1,300 AMPS. MAIN GENERATOR.			
	RAIL HP AT CONT. RATING.	949 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.0 & 77.5 MPH.			

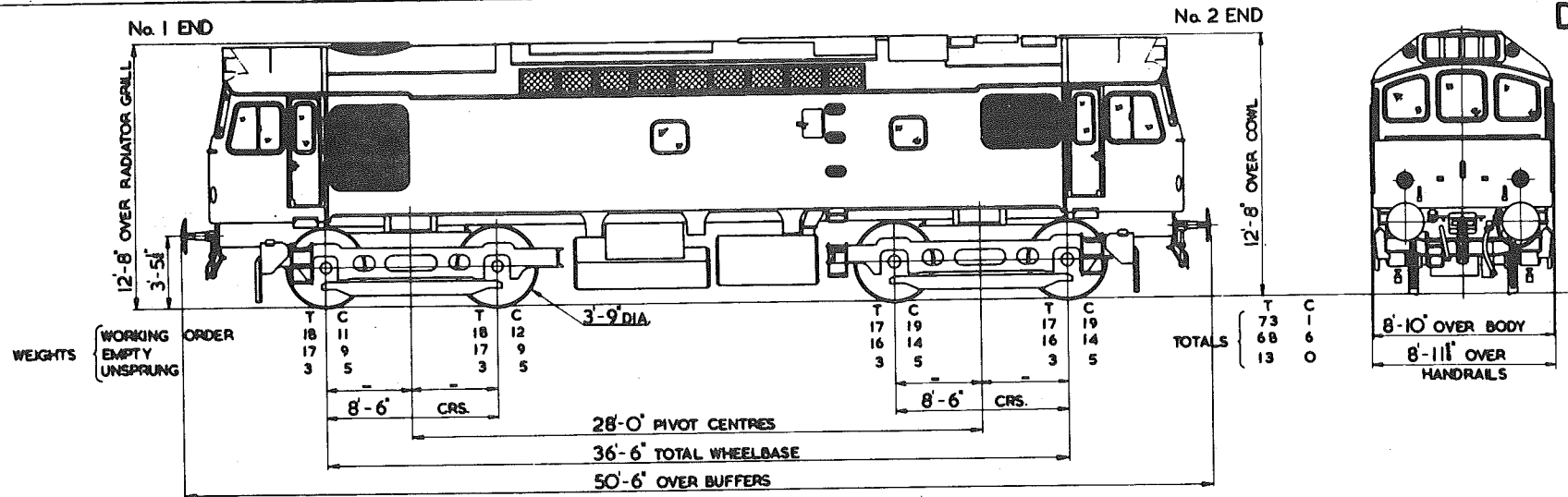
1250 H.P. B.B. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 25



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 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.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	87.9%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	A.E.I. 253 A.Y. FOUR. NOSE. SINGLE REDUCTION. 45,000 LBS. AT 28.1% ADHESION	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H. 4 1/2 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	AT 2,340 AMPS. MAIN GENERATOR. 20,800 LBS. AT 17.1 M.P.H. AT 1,300 AMPS. MAIN GENERATOR. 949 H.P. AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS.

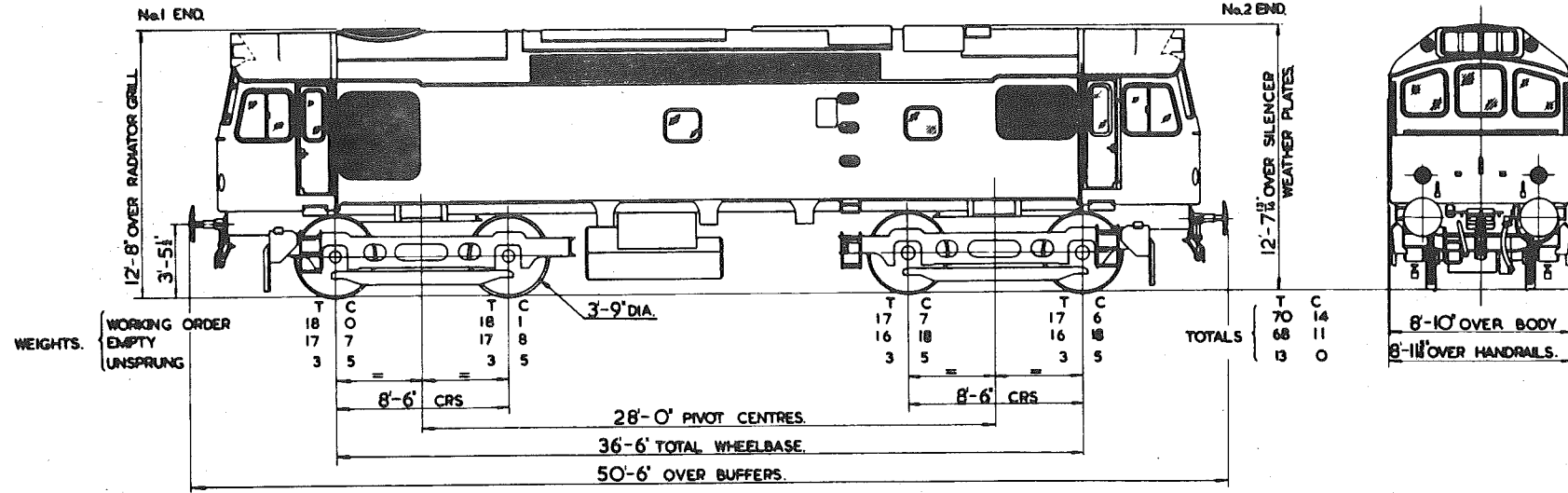
**1250 H.P. BR. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE  
CLASS 25**



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.		BRAKE FORCE. { % OF LOCO WEIGHT. IN WORKING ORDER.	86%
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	MAKE & TYPE.	A.E.I. R.T.B. 15656.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS.
TRACTION MOTORS.	MAKE & TYPE.	A.E.I. 253 A.Y.	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE.	STONE VAPOR L.4610.
	No.	FOUR.		STEAMING CAPACITY.	1000 LBS/HOUR
	TYPE OF SUSPENSION.	NOSE	TANK CAPACITIES.	{ ENGINE FUEL } { BOILER FUEL } { BOILER WATER }	500 GALLS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.			580 GALLS.
	MAX. TRACTIVE EFFORT.	45,000 LBS. AT 27.5% ADHESION.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,340 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	20,800 LBS. AT 17.1 M.P.H.			
	FULL ENGINE OUTPUT.	AT 1,300 AMPS. MAIN GENERATOR.			
		949 H.P.			
		AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.			

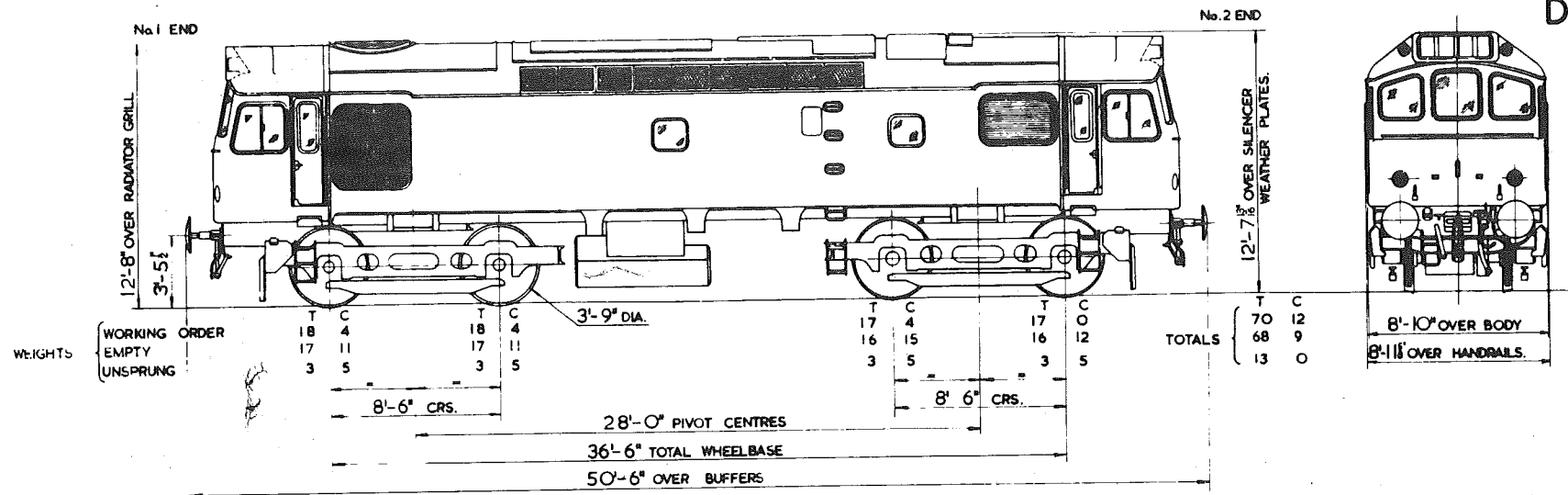
**1250 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE  
CLASS 25**





ENGINE	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28-B. 6 CYL. 4 STROKE. 1250 HP AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	A.E.I. R.T.B. 15656. A.E.I. 253 AY.	SPEED.	{ BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	88.6%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H. 4 1/2 CHAINS
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	45,000 LB. AT 28.7% ADHESION AT 2340 AMPS. MAIN GENERATOR. 20,800 LB. AT 17.1 M.P.H. AT 1300 AMPS MAIN GENERATOR 949 H.P. AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS.

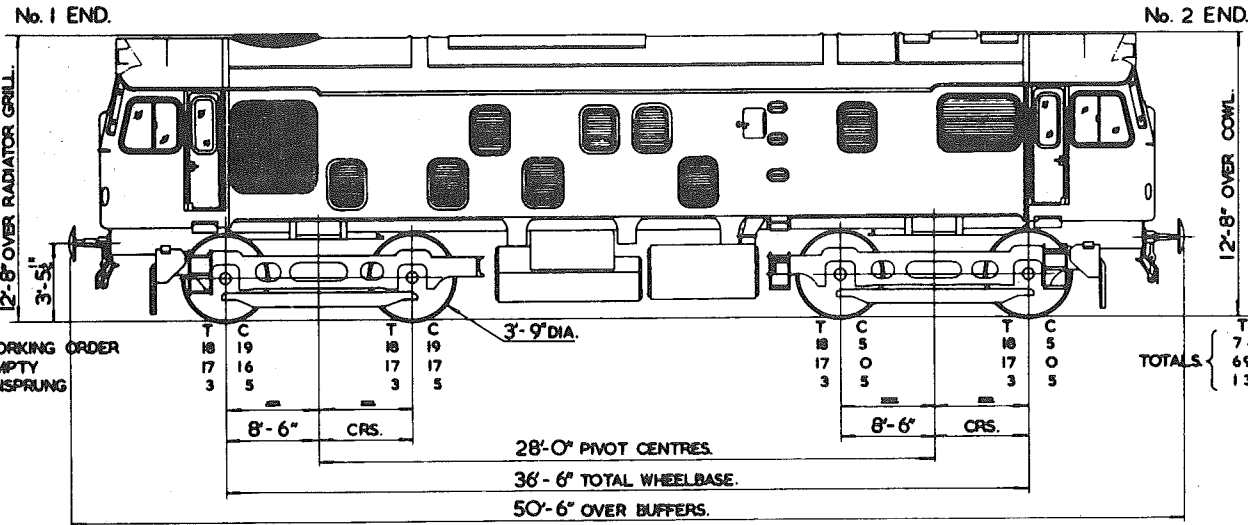
**1250 H.P. B.R. TYPE 2. B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 25**



ENGINE	MAKE & TYPE No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28 B. 6 CYL. 4 STROKE. 1250 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.	A.E.I. R.T.B. 15656.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	89%
TRACTION MOTORS	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	A.E.I. 253 AY. FOUR. NOSE. SINGLE REDUCTION.	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
PERFORMANCE.	MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	4,300 LB. AT 28.5% ADHESION AT 2340 AMPS MAIN GENERATOR. 20,800 LB. AT 17.1 M.P.H. AT 1,300 AMPS MAIN GENERATOR 949 H.P. AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.	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
			TANK CAPACITIES	ENGINE FUEL BOILER FUEL. BOILER WATER	500 GALLONS

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

CLASS 25

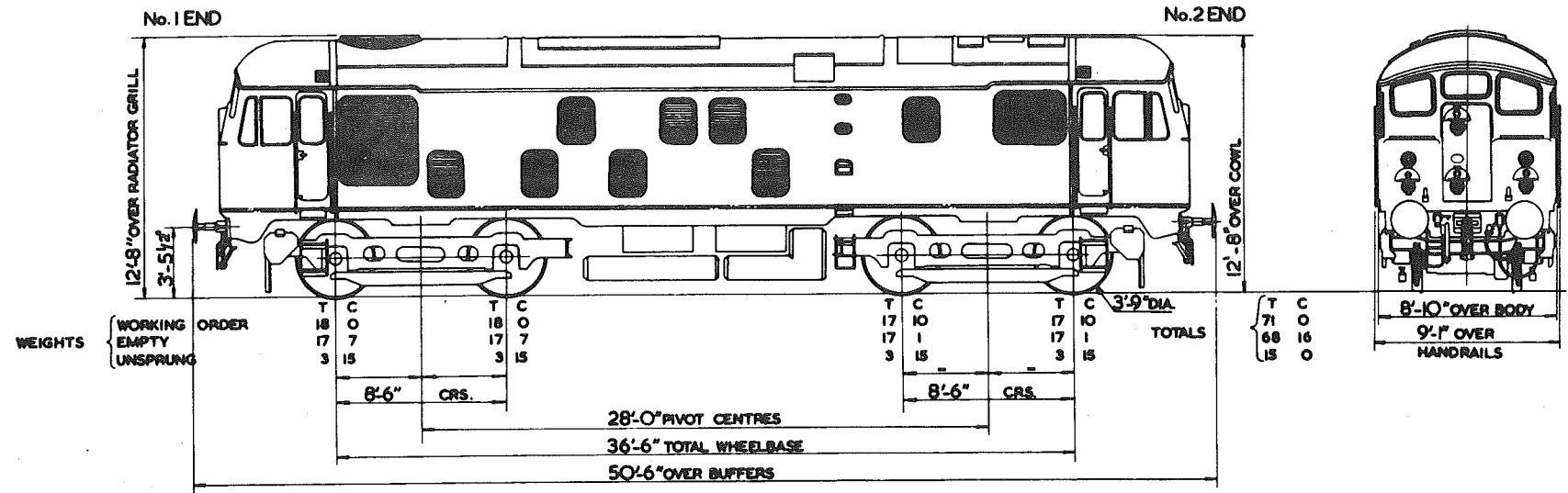


DE/2000/14

MARCH 1973

ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28-B. 6 CYL. 4 STROKE. 1250 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC. 84.4%.
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	A.E.I. R.T.B. 15656. A.E.I. 253 A.Y.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	{ No. TYPE OF SUSPENSION TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 45,000 LBS. AT 27.0% ADHESION. AT 2340 AMPS. MAIN GENERATOR.	MINIMUM RADIUS. CURVES.	{ 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.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	20,800 LBS. AT 17.1 M.P.H. AT 1300 AMPS. MAIN GENERATOR. 949 H.P. AVAILABLE BETWEEN 7.0 & 77.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR L4610 1000LBS/ HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL. BOILER WATER.	500 GALLONS. 580 GALLONS.

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



ENGINE.	MAKE & TYPE.	SULZER 6 L.D.A. 28.	BRAKING	TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM
	No. OF CYLS. & CYCLE.	6 CYL. 4 STROKE.		BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	88.5%
	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 RPM.			
MAIN GENERATOR	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.	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.	TRAIN HEATING EQUIPMENT	VERTICAL CONCAVE.	7 CHAINS
	MAX TRACTIVE EFFORT	40000 LBS. AT 25.2% ADHESION.	TANK CAPACITIES	BOILER MAKE & TYPE.	500 GALLS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2320 AMPS. MAIN GENERATOR.		TEAMING CAPACITY.	
	RAIL H.P. AT CONT RATING.	21300 LBS. AT 14.8 M.P.H.		ENGINE FUEL.	
	FULL ENGINE OUTPUT.	AT 1400 AMPS. MAIN GENERATOR.	BOILER FUEL.		
		843 H.P.	BOILER WATER.		
		AVAILABLE BETWEEN 7.7 & 69 M.P.H.			

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

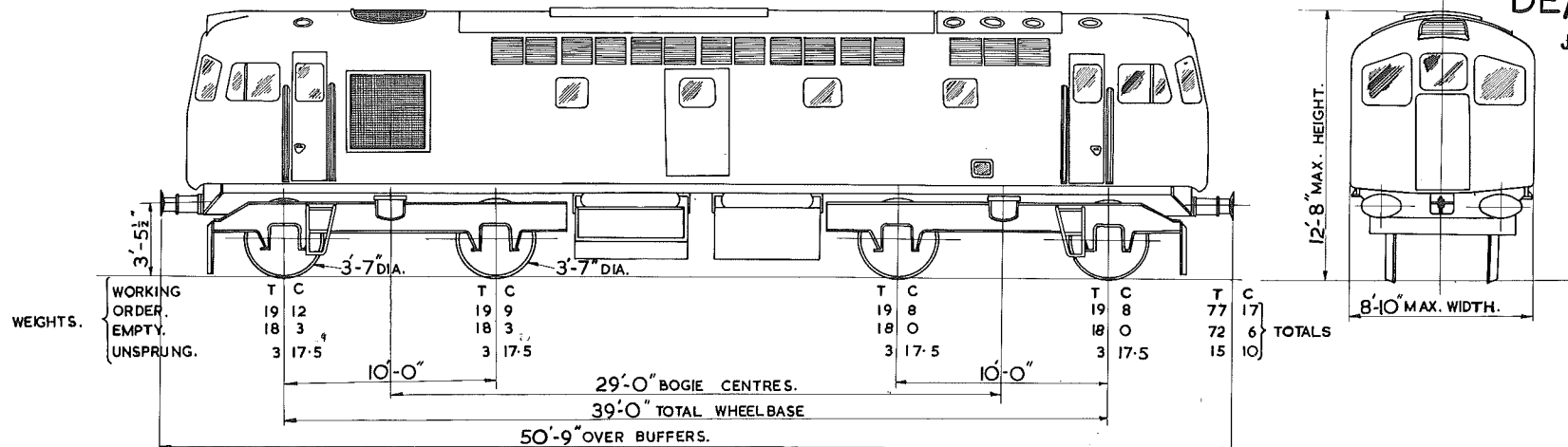


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June 1969

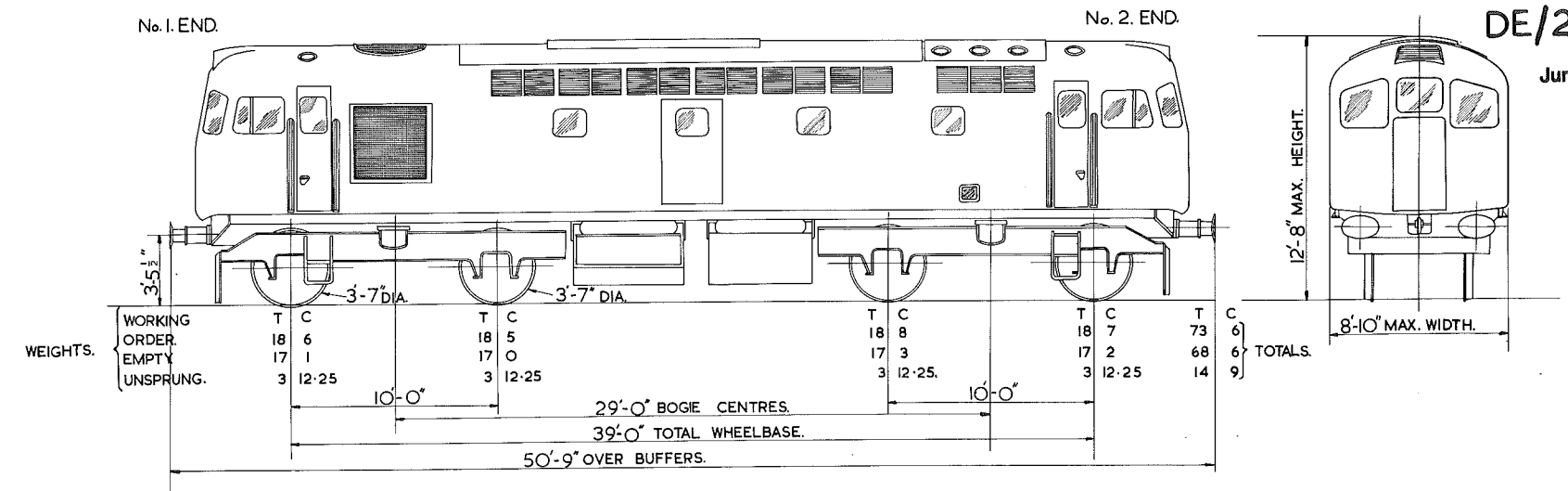


ENGINE.	MAKE & TYPE.	SULZER 6LDA28.	BRKING.	TYPE	FOR LOCO.	AIR
	Nº OF CYLS. & CYCLE.	6 CYLS. 4. STROKE.			FOR TRAIN.	VACUUM
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1160.HP AT 750.R.P.M.		BRAKE FORCE	% OF LOCO WEIGHT.	74 %
	MAKE & TYPE.	CROMPTON PARKINSON CG391A1.	SPEED.		IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	CROMPTON PARKINSON C171A1.	CURVE.	MAX. PERMITTED SERVICE SPEED.		80M.P.H.
	Nº	FOUR.			WITHOUT GAUGE WIDENING	5 CHAINS.
	TYPE OF SUSPENSION.	NOSE.		MIN RAD CURVE	AT DEAD SLOW SPEED	4 1/2 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT		BOILER MAKE & TYPE.	STONE VAPOR.
	MAX. TRACTIVE EFFORT.	42,000LB. AT 23% ADHESION.			STEAMING CAPACITY.	175 OLB/HOUR.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 L.B. AT 11.25 M.P.H.	TANK CAPACITIES.		ENGINE FUEL.	500 GALLS.
	RAIL HP AT CONT. RATING.	AT 2240 AMPS. MAIN GENERATOR.			BOILER FUEL.	100 GALLS.
	FULL ENGINE OUTPUT.	900 H.P.			BOILER WATER.	550 GALLS.
		AVAILABLE BETWEEN 7 & 75 M.P.H.				

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

DE/2001/2

June 1969

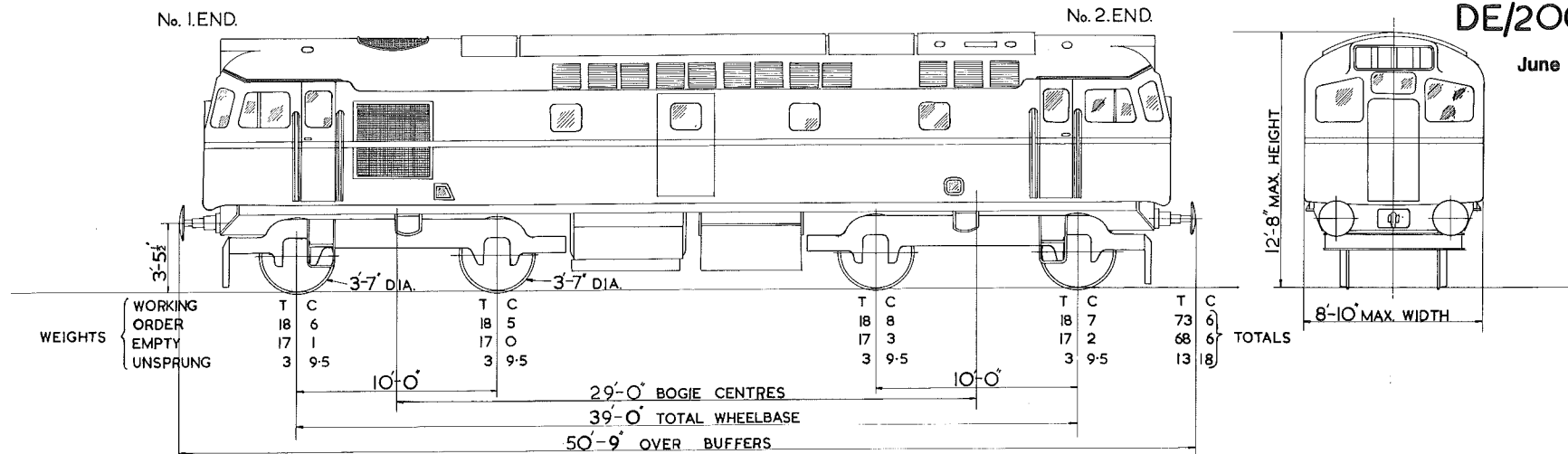


ENGINE.	MAKE & TYPE.	SULZER 6LDA28.				
	No. OF CYLS. & CYCLE.	6 CYLS. 4. STROKE.				
	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 R.P.M.	BRAKING.	TYPE	{ FOR LOCO. FOR TRAIN.	AIR VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	CROMPTON PARKINSON CG391A1.		BRAKE FORCE.	{ % OF LOCO WEIGHT. IN WORKING ORDER.	78.6 %
	MAKE & TYPE.	CROMPTON PARKINSON C171D3.	SPEED.	MAX. PERMITTED SERVICE SPEED.		80 M.P.H.
TRACTION MOTORS.	No.	FOUR.	CURVE.	MIN RAD. CURVE.	{ WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	5 CHAINS. 4 1/2 CHAINS.
	TYPE OF SUSPENSION.	NOSE.				
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.		STONE VAPOR. 175 O LB/HOUR.
	MAX. TRACTIVE EFFORT.	42,000 LB. AT 23% ADHESION. AT 2240 AMPS. MAIN GENERATOR.				
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 11.25 M.P.H.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.		500 GALLS. 100 GALLS. 450 GALLS.
	RAIL HP AT CONT. RATING.	900 H.P.				
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7 & 75 M.P.H.				

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

DE/2001/3.

June 1969



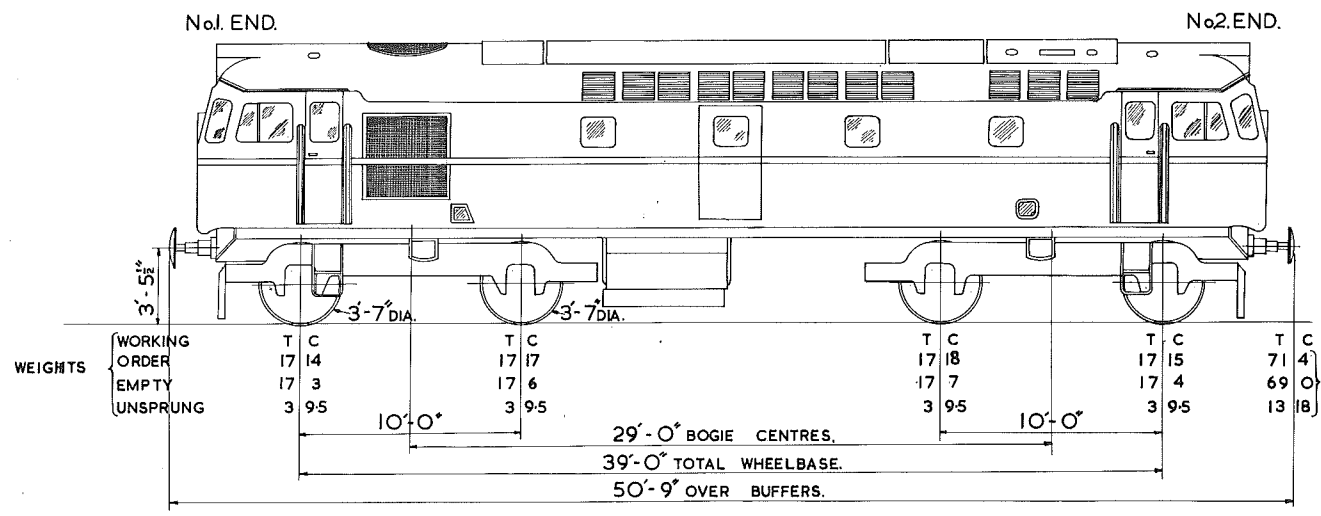
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE.	SULZER 6LDA 28B. 6 CYLS. 4STROKE.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM.
MAIN GENERATOR.	{ MAX. CONT. RATED OUTPUT. MAKE & TYPE.	1250 H.P. AT 750 R.P.M. G.E.C. W.T. 981.	SPEED.	{ BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	78.6%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	G.E.C. W.T. 459. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H. 5 CHAINS. 4½ CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	40000 LB. AT 24% ADHESION. AT 2800 AMPS, MAIN GENERATOR. 25000 LB. AT 14 M.P.H. AT 1940 AMPS, MAIN GENERATOR. 933 H.P. AVAILABLE BETWEEN 7.5 & 80 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR. 1750 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS. 100 GALLS. 450 GALLS.

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



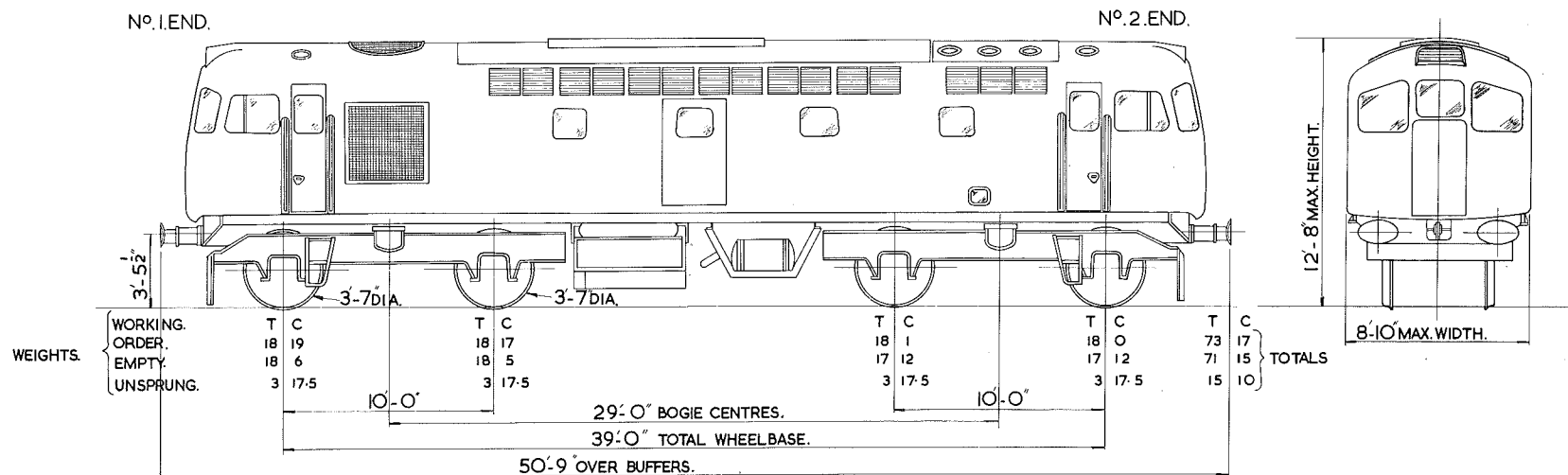
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June 1969



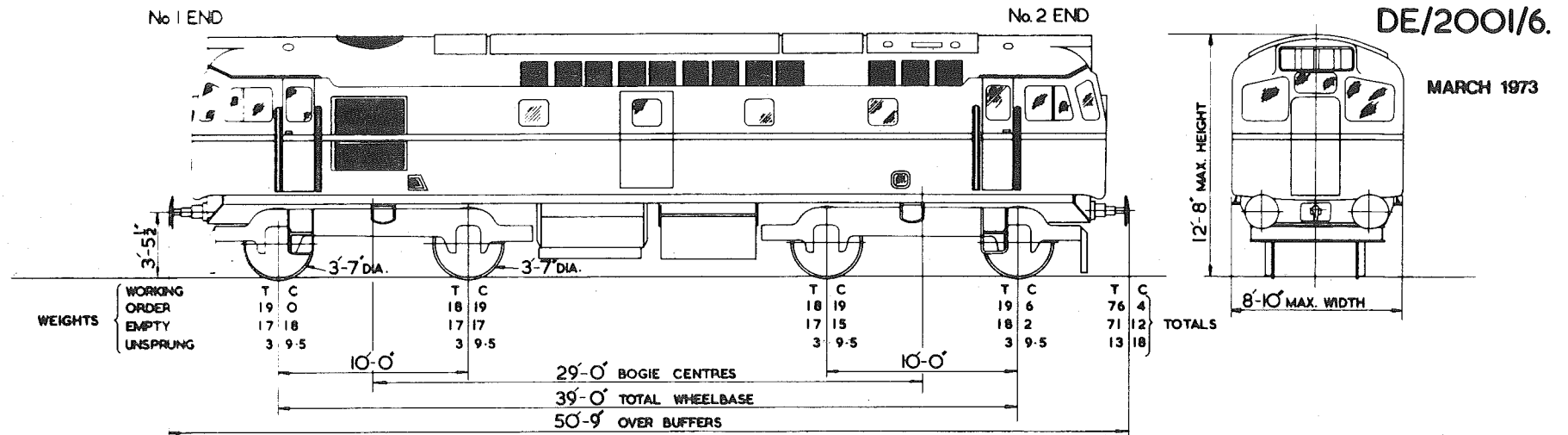
ENGINE.	MAKE & TYPE.	SULZER 6LDA28B.		
	No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.		
	MAX. CONT. RATED OUTPUT.	1250HP. AT 750 R.P.M.		
MAIN GENERATOR.	MAKE & TYPE.	G.E.C. WT.981.	BRAKING.	TYPE { FOR LOCO. AIR. FOR TRAIN. VACUUM.
	MAKE & TYPE.	G.E.C. WT.459.		BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER. 81%.
TRACTION MOTORS.	No.	FOUR.		
	TYPE OF SUSPENSION.	NOSE.	SPEED.	MAX PERMITTED SERVICE SPEED. 90 M.P.H.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. 5 CHAINS. AT DEAD SLOW SPEED. 4 1/2 CHAINS.
	MAX. TRACTIVE EFFORT.	40000 LB. AT 25% ADHESION		
		AT 2800 AMPS MAIN GENERATOR.	TRAIN HEATING	{ BOILER MAKE & TYPE. EQUIPMENT. STEAMING CAPACITY.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	25000 LB. AT 14 M.P.H.		NOT FITTED.
		AT 1940 AMPS MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. 500 GALLS. AUX. FUEL. 100 GALLS.
	RAIL H.P. AT CONT. RATING.	933 H.P.		
	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



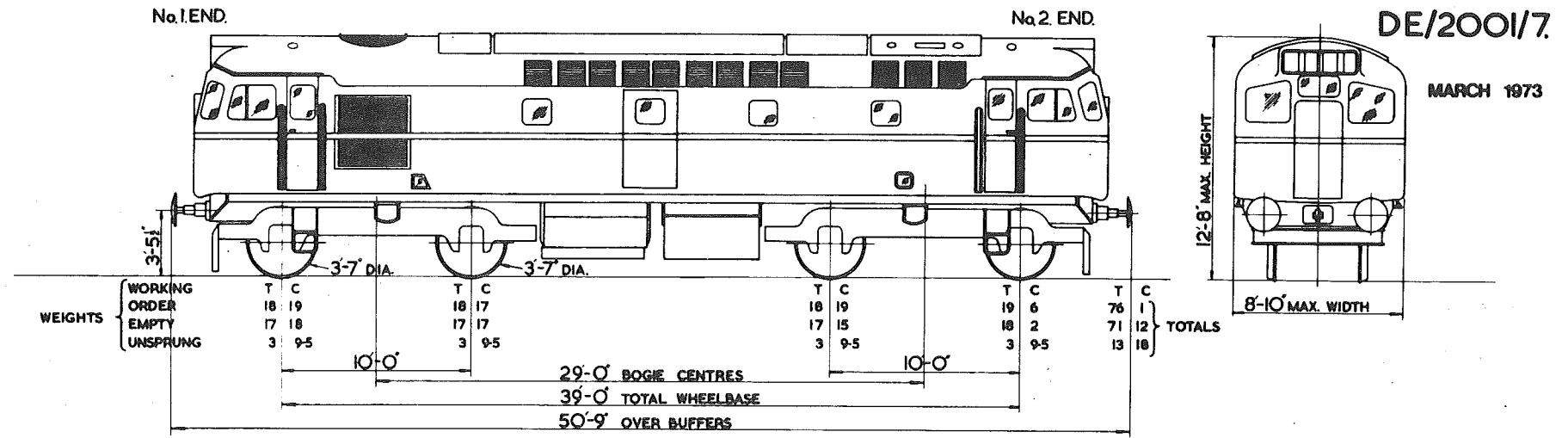
ENGINE.	MAKE & TYPE.	SULZER 6LDA28.			
	Nº OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.			
	MAX. CONT. RATED OUTPUT.	1160 H.P. AT 750 R.P.M.	BRAKING.	TYPE	FOR LOCO. STRAIGHT AIR & AUTO. AIR.
MAIN GENERATOR.	MAKE & TYPE.	CROMPTON PARKINSON CG.391A1		FOR TRAIN.	AUTO AIR. & AIR CONT. VAC.
	MAKE & TYPE.	CROMPTON PARKINSON C171A1		} BRAKE FORCE	} % OF LOCO WEIGHT. 77.8%
	Nº	FOUR.	SPEED.		
TRACTION MOTORS	TYPE OF SUSPENSION.	NOSE.		MAX. PERMITTED SERVICE SPEED	75 M.P.H.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS.
	MAX TRACTIVE EFFORT.	42,000 LB. AT 25.4% ADHESION.	CURVES	HORIZONTAL WITH 3/4 ins. GAUGE WIDENING	4.4 CHAINS
		AT 2,240 AMPS. MAIN GENERATOR.		VERTICAL CONVEX	11 CHAINS
		AT 1,720 AMPS. MAIN GENERATOR.	TRAIN HEATING	VERTICAL CONCAVE	11 CHAINS
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 11.25 M.P.H.	EQUIPMENT	BOILER MAKE & TYPE	
	RAIL HP AT CONT. RATING.	900 H.P.		STEAMING CAPACITY	
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7 & 75 M.P.H.	TANK CAPACITIES.	ENGINE FUEL.	500 GALLS.
				BOILER FUEL.	
				BOILER WATER.	

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



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

**1250 HP B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 27**



ENGINE.	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX CONT RATED OUTPUT.	SULZER 6LDA 28B. 6 CYLS. 4 STROKE. 1250HP AT 750 RPM.	BRAKING.	TYPE { FOR LOCO FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAKE & TYPE. MAKE & TYPE.	GEC. W.T. 981. GEC. W.T. 459.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	78.3 %
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION.	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.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING. FULL ENGINE OUTPUT.	40000 LB. AT 23.5% ADHESION AT 2800 AMPS. MAIN GENERATOR. 25000 LB. AT 14 MPH. AT 1940 AMPS. MAIN GENERATOR. 933 HP AVAILABLE BETWEEN 7.5 & 80MPH.	TRAIN HEATING EQUIPMENT. TANK CAPACITIES.	BOILER MAKE & TYPE. STEAMING CAPACITY. ENGINE FUEL. BOILER FUEL. BOILER WATER.	STONE VAPOR. 1750 LB/HOUR. 685 GALLS. 100 GALLS. 300 GALLS.

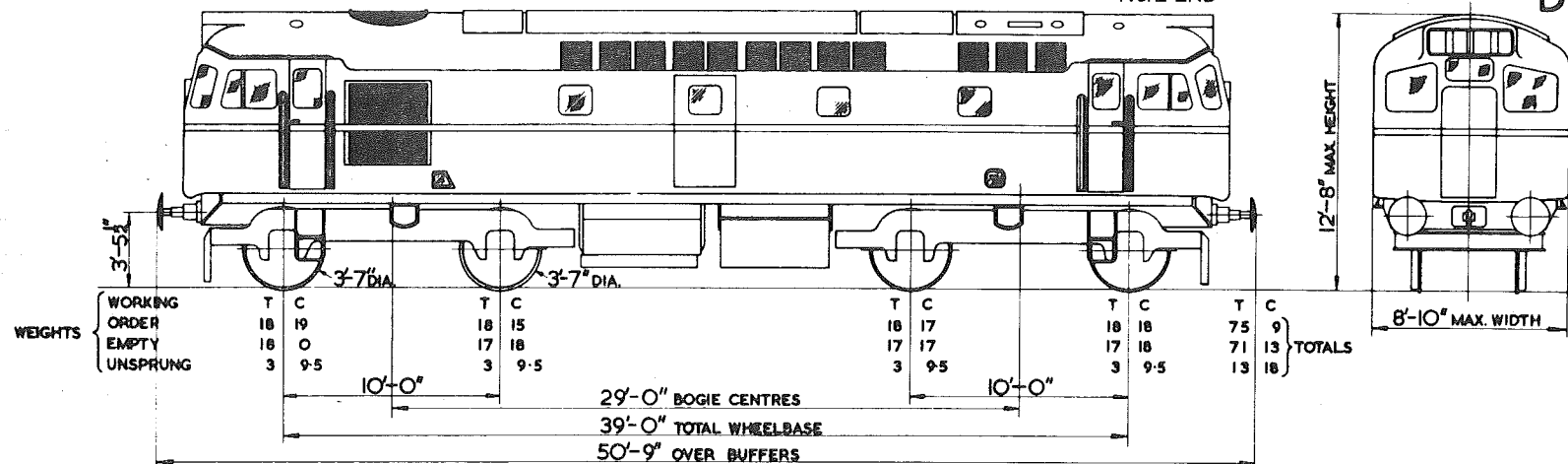
**1250 H.P. B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 27**

No.1 END

No.2 END

DE/2001/9

MARCH 1973



ENGINE.	{ MAKE & TYPE.	SULZER 6LDA 28B.			
	{ No. OF CYLS. & CYCLE.	6 CYLS. 4 STROKE.			
MAIN GENERATOR.	{ MAX. CONT. RATED OUTPUT.	1250 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE. { FOR LOCO.	STRAIGHT AIR & AUTO. AIR.
	{ MAKE & TYPE.	G.E.C. W.T. 981.		{ FOR TRAIN.	AUTO. AIR & AIR CONT. VAC.
TRACTION MOTORS.	{ MAKE & TYPE.	G.E.C. W.T. 459.		{ BRAKE FORCE. { % OF LOCO. WEIGHT	78.9%.
	{ No.	FOUR.		{ IN WORKING ORDER.	
	{ TYPE OF SUSPENSION.	NOSE.	SPEED.	{ MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	{ TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		{ HORIZONTAL WITHOUT GAUGE WIDENING.	5 CHAINS.
	{ MAX. TRACTIVE EFFORT.	40,000 LB. AT 22.3% ADHESION	MINIMUM RADIUS	{ HORIZONTAL WITH 3/8 INS. GAUGE WIDENING.	4.4 CHAINS.
		AT 2,800 AMPS. MAIN GENERATOR.	CURVES.	{ VERTICAL CONVEX.	11 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT.	25,000 LB. AT 14 M.P.H.		{ VERTICAL CONCAVE.	11 CHAINS.
	{ RAIL H.P. AT CONT. RATING.	933 H.P.	TRAIN HEATING		
	{ FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.5 & 80 M.P.H.	EQUIPMENT.		
			TANK CAPACITY.	ENGINE FUEL.	970 GALLS.

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

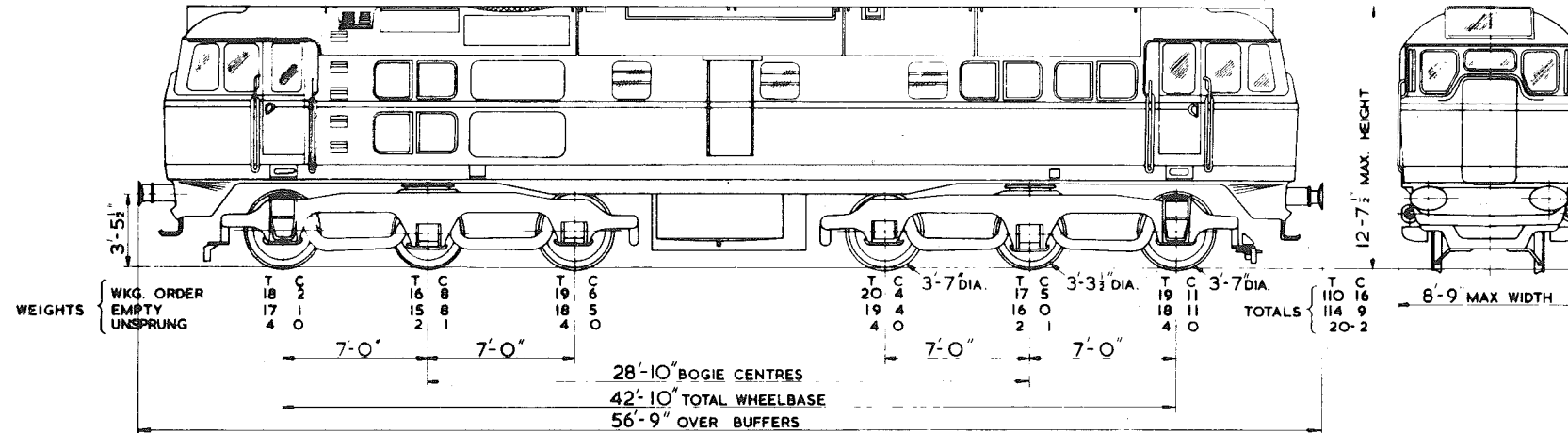


Nº 1 END

Nº 2 END

DE/2002/12

MARCH 1973



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		BRAKE FORCE.	{ % OF LOCO WEIGHT { IN WORKING ORDER.	75.4 %.
	MAX. CONT. RATED OUTPUT	1470 H.P. AT 850 R.P.M.	SPEED.		MAX PERMITTED SERVICE SPEED.	90 M.P.H.
MAIN GENERATOR	MAKE & TYPE	BRUSH TG 160-48			HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	MAKE & TYPE	BRUSH TM. 73-68	MINIMUM RADIUS		HORIZONTAL WITH 3/4 INS GAUGE WIDENING.	4.15 CHAINS.
TRACTION MOTORS	No.	FOUR	CURVES.		VERTICAL CONVEX.	6 CHAINS.
	TYPE OF SUSPENSION	NOSE			VERTICAL CONCAVE.	8 CHAINS.
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	TRAIN HEATING		BOILER.	{ MAKE & TYPE. { STEAMING CAPACITY.
	MAX. TRACTIVE EFFORT	35900 LB. AT 20.8% ADHESION	EQUIPMENT.		ELECTRIC GENERATOR.	{ MAKE & TYPE. { DRIVEN BY. { CONT OUTPUT.
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 2000 AMPS. MAIN GENERATOR 18700 LB. AT 23.5 M.P.H. AT 1200 AMPS. MAIN GENERATOR				SPANNER. SWIRLYFLOW. 1500 LB/HOUR. BRUSH BL100-30. MAIN ENGINE. 320 KW AT 870 VOLTS.
	RAIL H.P. AT CONT RATING	1170 H.P.	TANK CAPACITIES.		ENGINE FUEL.	550 GALLONS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.			BOILER FUEL.	100 GALLONS.
					BOILER WATER.	600 GALLONS.

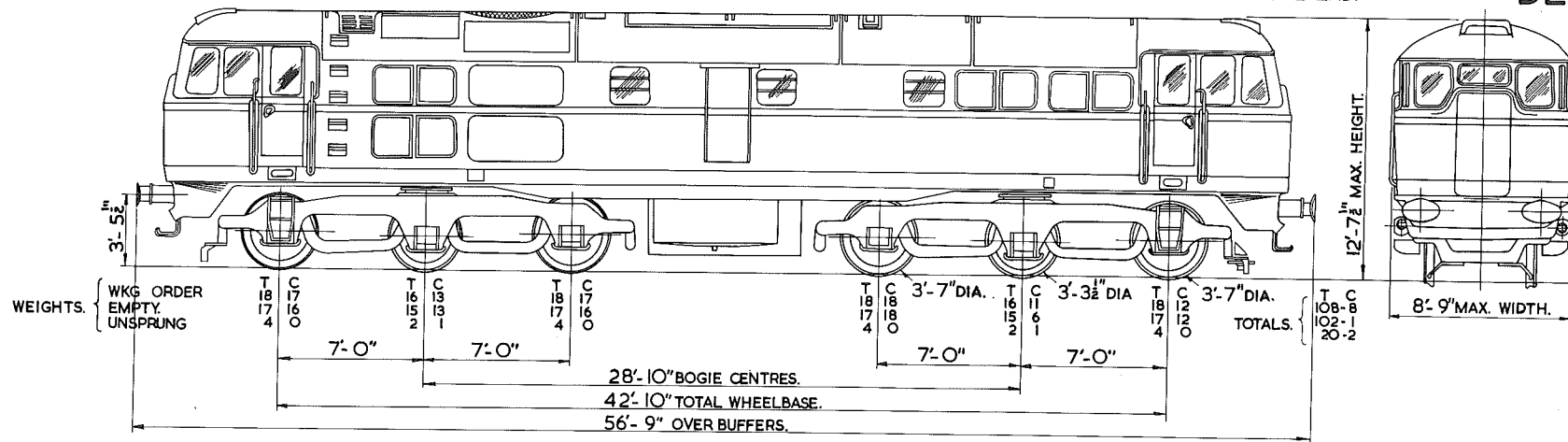
1470 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE  
CLASS 31/2

No.1 END.

No.2 END.

DE/2002/6

June 1969



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. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH TM 73-68. FOUR NOSE.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H.
	{ MAX. TRACTIVE EFFORT.	42800 LB. AT 25.4% ADHESION.	MINIMUM RADIUS.	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS GAUGE WIDENING.	4.5 CHAINS. 4.15 CHAINS.
	{ CONT. TRACTIVE EFFORT.	AT 2000 AMPS. MAIN GENERATOR. 22250 LB. AT 19.7 M.P.H.	CURVES.	{ VERTICAL CONVEX VERTICAL CONCAVE.	6 CHAINS. 8 CHAINS.
PERFORMANCE.	{ RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	AT 1200 AMPS. MAIN GENERATOR. 1170 H.P. AVAILABLE BETWEEN 9 & 62 M.P.H.	TRAIN HEATING. EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLOW 1500 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	550 GALLONS. 100 GALLONS. 600 GALLONS.

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

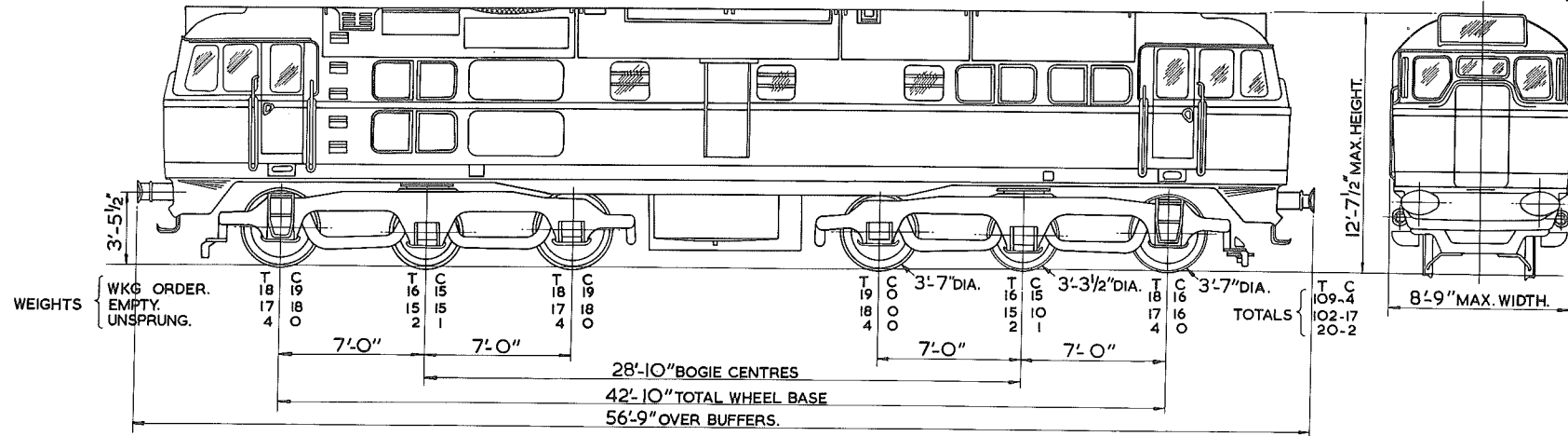


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No.2 END.

DE/2002/7

June 1969



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 12 S.V.T.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR. AUTO AIR & AIR CONT. VAC.
	No. OF CYLS & CYCLE.	12 CYLS. 4 STROKE		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	76.5%
	MAX. CONT. RATED OUTPUT.	1470 H.P. AT 850 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG 160-48.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 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 3/4 INS. GAUGE WIDENING.	4.15 CHAINS.
	TYPE OF SUSPENSION.	NOSE.		VERTICAL CONVEX.	6 CHAINS
PERFORMANCE	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING EQUIPMENT.	VERTICAL CONCAVE.	8 CHAINS.
	MAX. TRACTIVE EFFORT.	42800 LB. AT 25.3% ADHESION.	TANK CAPACITIES.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLOW.
	CONT. TRACTIVE EFFORT.	AT 2000 AMPS. MAIN GENERATOR. 22250 LB. AT 19.7 M.P.H.		ENGINE FUEL. BOILER FUEL. BOILER WATER.	1500 LB/HOUR.
	RAIL H.P. AT CONT. RATING.	AT 1200 AMPS. MAIN GENERATOR. 1170 H.P.			550 GALLONS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 9 & 62 M.P.H.			100 GALLONS. 600 GALLONS.

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

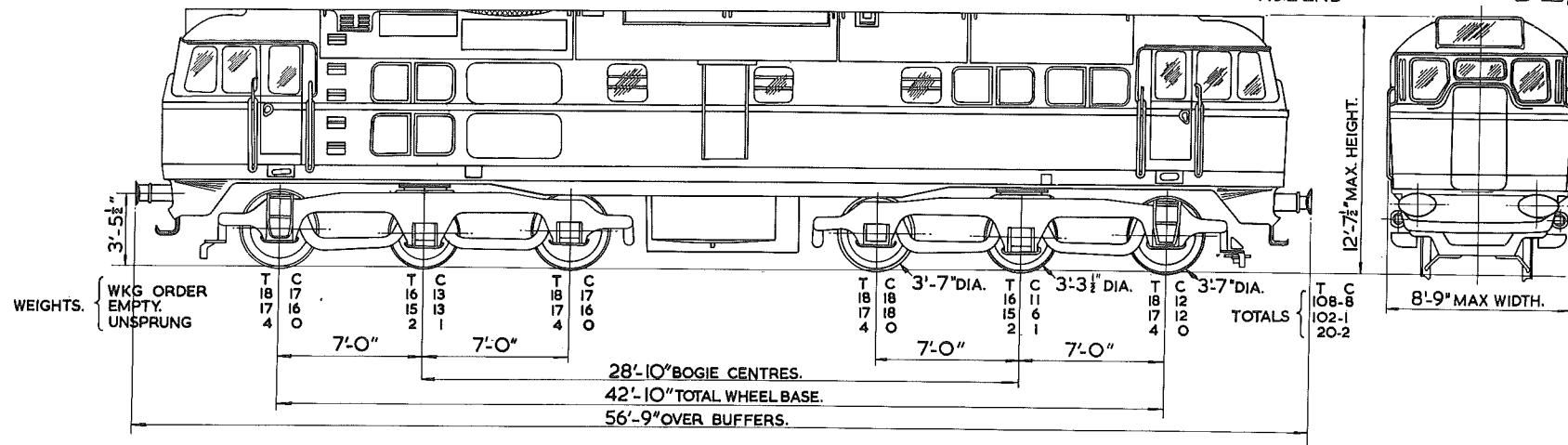


No.1 END

No.2 END

DE/2002/8

June 1969



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.	SPEED.	{ BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	77%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH TM.73-68. FOUR. NOSE. SINGLE REDUCTION	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.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	35900 LB. AT 21.3% ADHESION. AT 2000 AMPS. MAIN GENERATOR. 18700 LB. AT 23.5 M.P.H. AT 1200 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLOW 1500 LB/HOUR.
	{ RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	1170 H.P. AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL. BOILER WATER.	550 GALLONS. 100 GALLONS. 600 GALLONS.

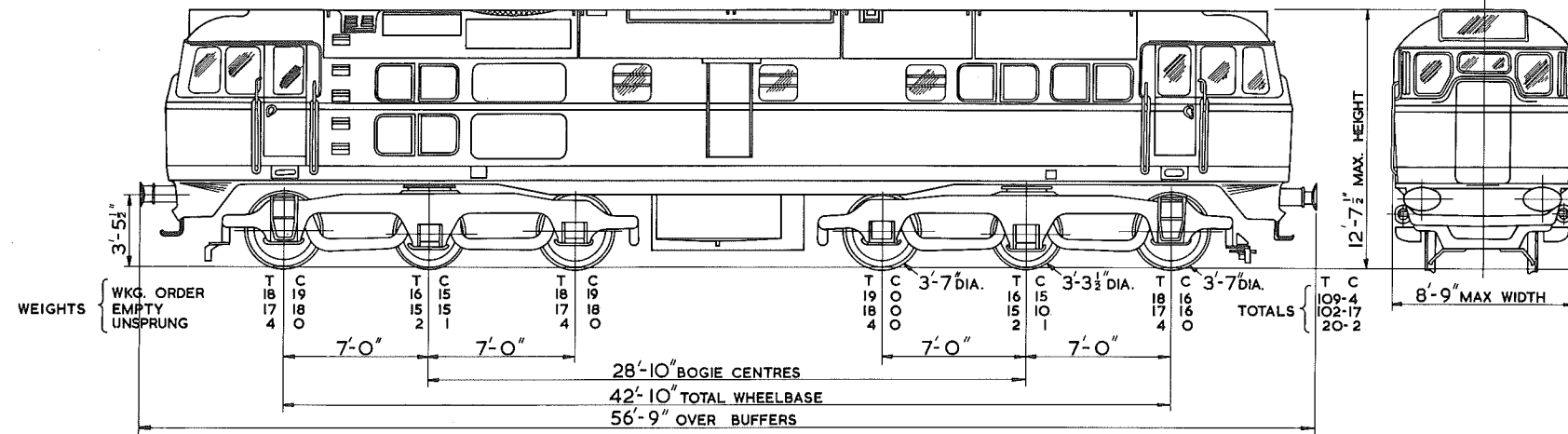
**1470 H.P. BRUSH TYPE 2 AIA -AIA DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 31/2**

Nº 1 END

Nº 2 END

DE/2002/9

June 1969



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		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.
	MAKE & TYPE	BRUSH TM. 73-68		HORIZONTAL WITHOUT GAUGE WIDENING		4.5 CHAINS
TRACTION MOTORS	No.	FOUR	MINIMUM RADIUS CURVES	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING		4.15 CHAINS
	TYPE OF SUSPENSION	NOSE		VERTICAL CONVEX		6 CHAINS
PERFORMANCE	TYPE OF GEAR DRIVE	SINGLE REDUCTION	TRAIN HEATING EQUIPMENT	VERTICAL CONCAVE		8 CHAINS
	MAX. TRACTIVE EFFORT	35900 LB. AT 21.2% ADHESION		BOILER MAKE & TYPE		SPANNER SWIRLYFLOW
	CONT. TRACTIVE EFFORT	18700 LB. AT 23.5 M.P.H.	TANK CAPACITIES	STEAMING CAPACITY		1500 LB/HOUR
	RAIL H.P. AT CONT. RATING	1170 H.P.		ENGINE FUEL		550 GALLONS
FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.	BOILER FUEL		100 GALLONS		
			BOILER WATER		600 GALLONS	

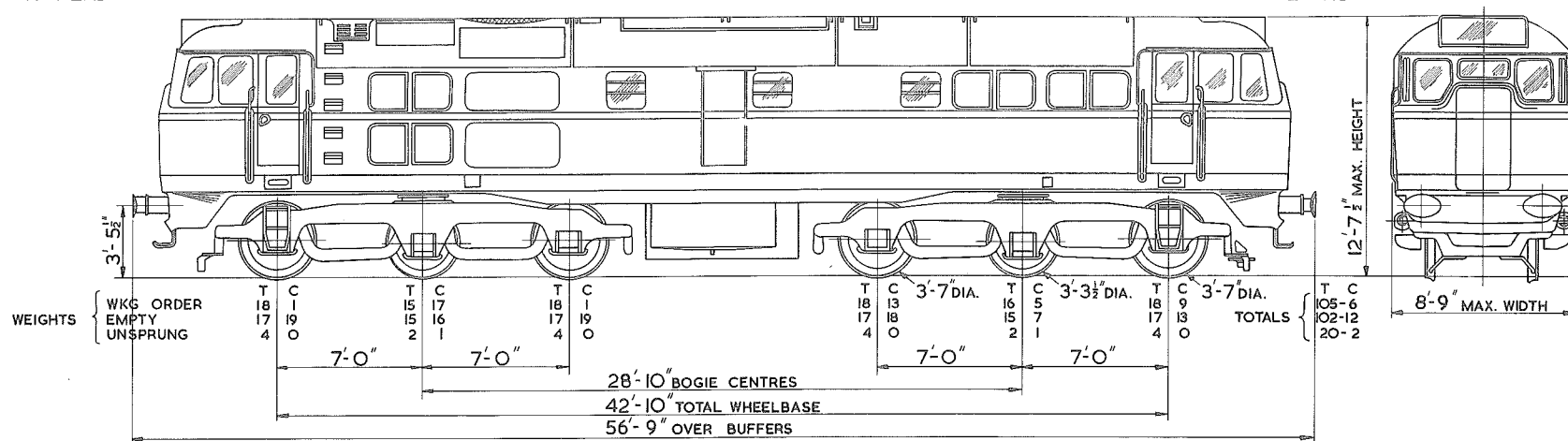
**1470 H.P BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE  
CLASS 31/2**

Nº1 END

Nº2 END

DE/2002/10

June 1969



ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 12 SVT	BRAKING	TYPE { FOR LOCO FOR TRAIN	AIR VACUUM
	Nº OF CYLS. & CYCLE	12 CYLS. 4 STROKE		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	79 %
	MAX. CONT. RATED OUTPUT	1470 H.P. AT 850 R.P.M.			
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 3/4 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 21.9 % ADHESION	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE STEAMING CAPACITY	
	CONT. TRACTIVE EFFORT	18700 LB. AT 23.5 M.P.H.			
	RAIL H.P. AT CONT. RATING	AT 1200 AMPS. MAIN GENERATOR	TANK CAPACITIES	ENGINE FUEL BOILER FUEL BOILER WATER	
	FULL ENGINE OUTPUT	1170 H.P. AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.		550 GALLONS	

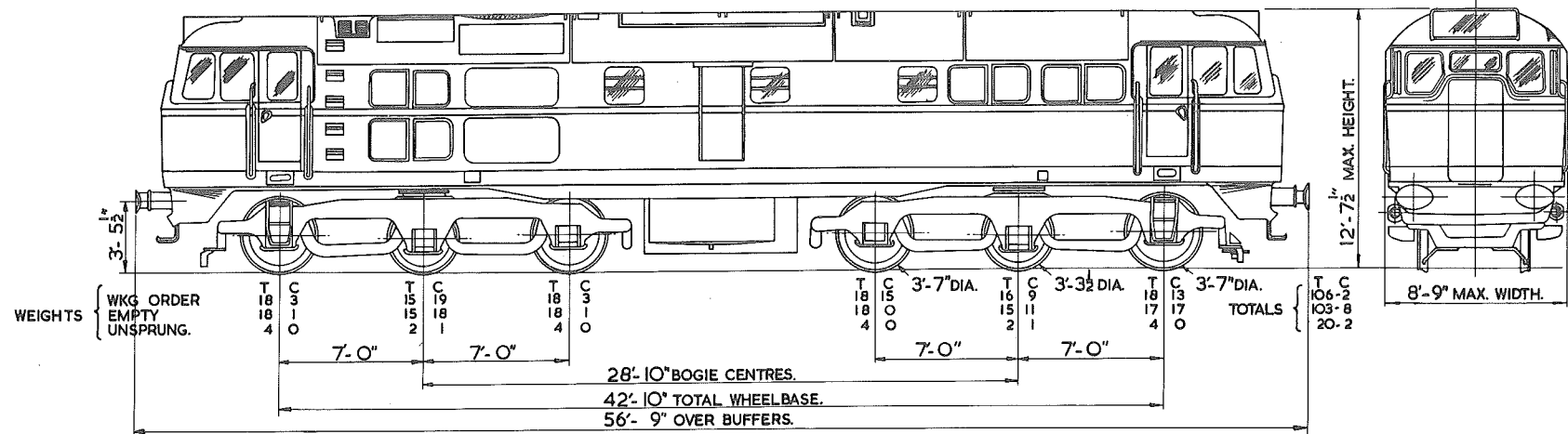
1470 H.P BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE  
CLASS 31/2

No.1 END

No.2 END

DE/2002/11

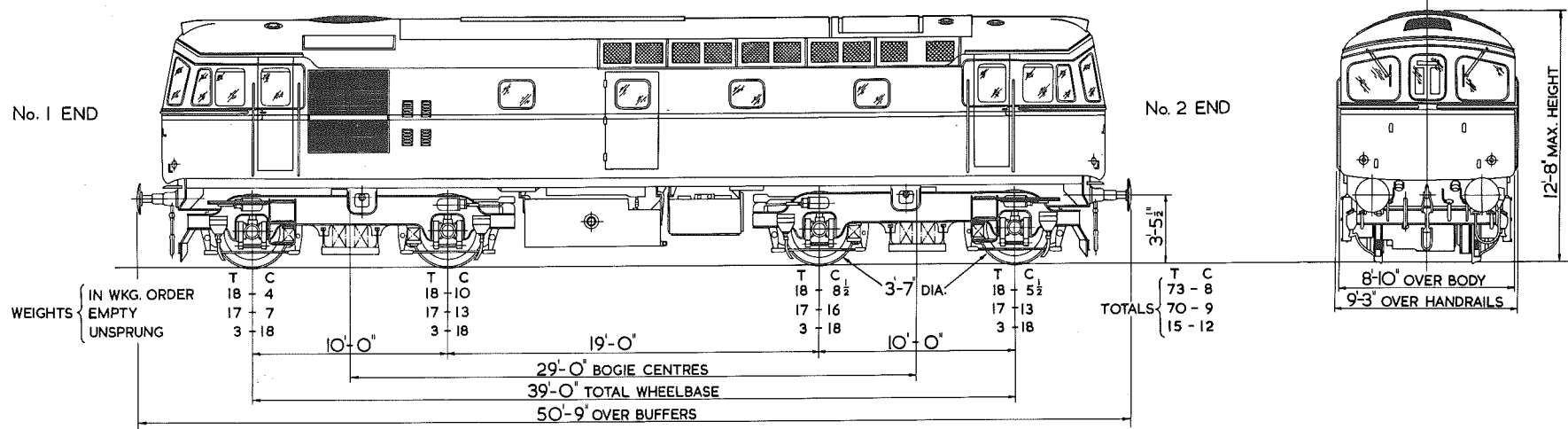
June 1969



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.	STRAIGHT AIR & AUTO. AIR. AUTO AIR & AIR CONT. VAC. 78.5%
MAIN GENERATOR.	{ MAKE & TYPE.	BRUSH TG 160 - 48.	SPEED	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH TM 73-68. FOUR. NOSE. SINGLE REDUCTION.	MINIMUM RADIUS. CURVES.	{ 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.	{ MAX. TRACTIVE EFFORT.  CONT. TRACTIVE EFFORT.  RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	35900 LB. AT 21.7% ADHESION. AT 2000 AMPS. MAIN GENERATOR 18700 LB. AT 23.5 M.P.H. AT 1200 AMPS. MAIN GENERATOR.  1170 H.P. AVAILABLE BETWEEN 10.75 & 73.9 M.P.H.	TRAIN HEATING. EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	550 GALLONS

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





ENGINE	MAKE & TYPE	SULZER 8LDA 28	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	MAKE & TYPE	CROMPTON PARKINSON CG 391 B1		BRAKE FORCE	% OF LOCO. WEIGHT	80 %
	MAKE & TYPE	CROMPTON PARKINSON C171C2	SPEED	IN WORKING ORDER		
TRACTION MOTORS	No.	FOUR	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED		85 M.P.H.
	TYPE OF SUSPENSION	AXLE		HORIZONTAL WITHOUT GAUGE WIDENING		4 CHAINS
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	TRAIN HEATING EQUIPMENT	HORIZONTAL WITH 3/4" GAUGE WIDENING		3 1/2 CHAINS
PERFORMANCE	MAX. TRACTIVE EFFORT	45000 LBS. AT 27.3 % ADHESION	TANK CAPACITY	VERTICAL CONVEX		11 CHAINS
	CONT. TRACTIVE EFFORT	AT 2620 AMPS. MAIN GENERATOR		VERTICAL CONCAVE		11 CHAINS
		AT 26000 LBS. AT 17.5 M.P.H.		ELECTRIC GENERATOR MAKE & TYPE		CROMPTON PARKINSON CAG 392 A1
		AT 1760 AMPS. MAIN GENERATOR		DRIVEN BY		ENGINE
	RAIL H.P. AT CONT. RATING	1215 H.P.		CONT. OUTPUT		235 K.W. AT 750 VOLTS
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.		ENGINE FUEL		800 GALLS.

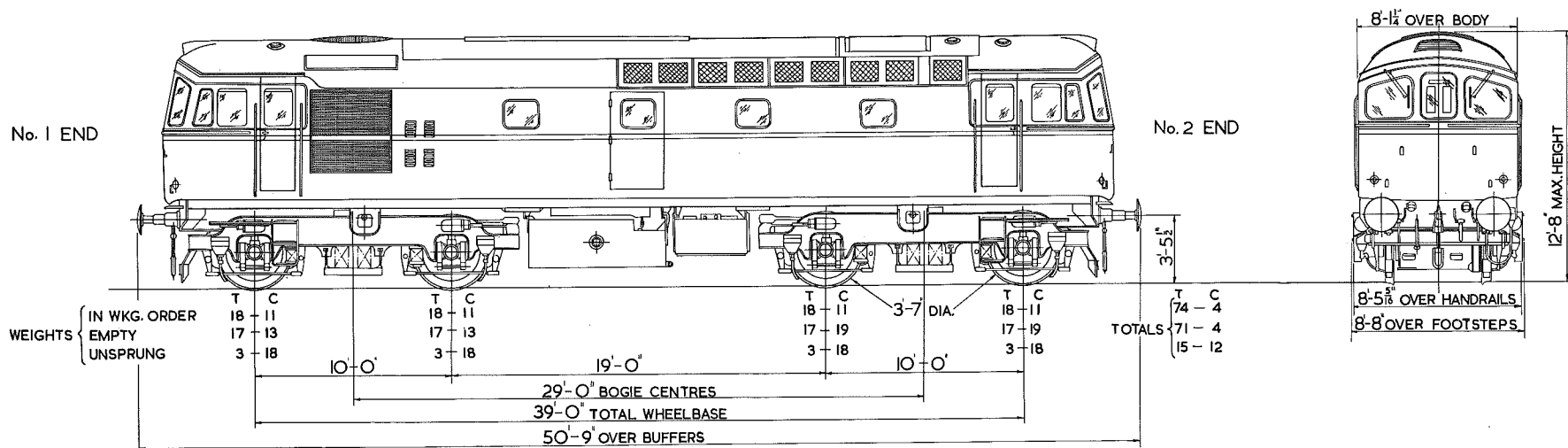
1550 H.P. B.R.C.W. TYPE 3 B-B DIESEL ELECTRIC LOCOMOTIVE.

CLASS 33/1



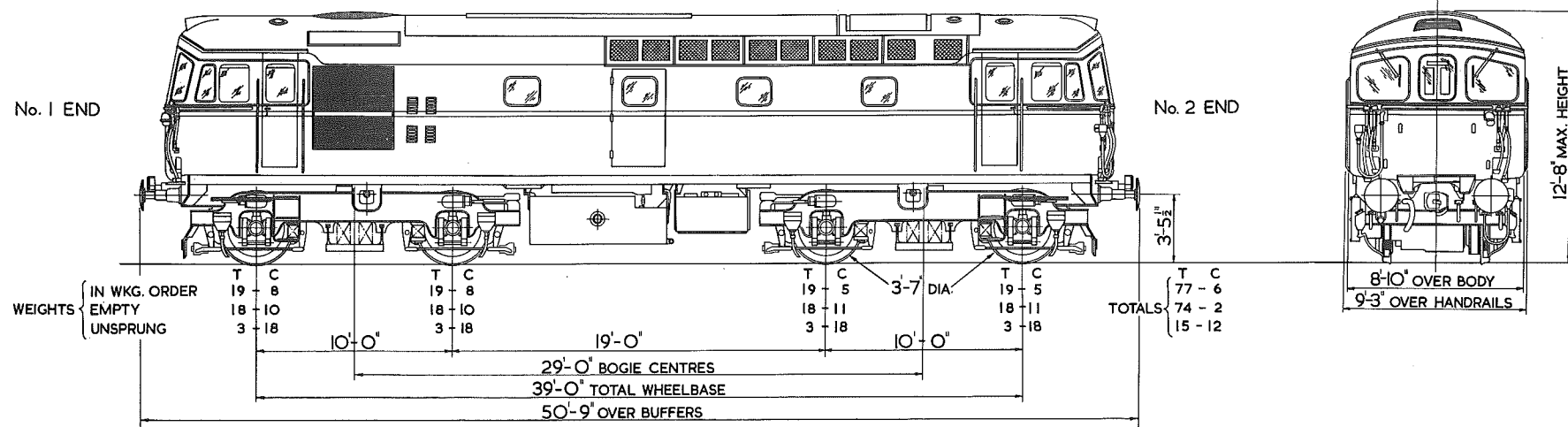
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June  
1969



ENGINE	MAKE & TYPE	SULZER 8LDA28	BRACING	TYPE	FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR	
	No. OF CYLS. & CYCLE	8 CYLS., 4 STROKE		FOR TRAIN	AUTOMATIC AIR & AIR CONTROLLED VACUUM		
MAIN GENERATOR	MAKE & TYPE	CROMPTON PARKINSON C G 39I BI	SPEED	BRAKE FORCE	% OF LOCO. WEIGHT	79%	
	MAKE & TYPE	CROMPTON PARKINSON C17IC2			IN WORKING ORDER		
TRACTION MOTORS	No.	FOUR	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED	85 M.P.H.		
	TYPE OF SUSPENSION	AXLE			HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS	
	TYPE OF GEAR DRIVE	SINGLE REDUCTION			HORIZONTAL WITH 3/4 GAUGE WIDENING	3 1/3 CHAINS	
PERFORMANCE	MAX. TRACTIVE EFFORT	45000 LBS AT 27% ADHESION	TRAIN HEATING EQUIPMENT	VERTICAL CONVEX	11 CHAINS		
	CONT. TRACTIVE EFFORT	26000 LBS. AT 17.5 M.P.H.		VERTICAL CONCAVE	11 CHAINS		
	RAIL H.P. AT CONT. RATING	1215 H.P.		ELECTRIC GENERATOR MAKE & TYPE	CROMPTON PARKINSON CAG 392 AI.		
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.		DRIVEN BY	ENGINE		
			TANK CAPACITY	CONT. OUTPUT	235 K.W. AT 750 VOLTS		
				ENGINE FUEL	800 GALLS.		

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



ENGINE	MAKE & TYPE	SULZER 8LDA 28	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 76 %
	MAKE & TYPE	CROMPTON PARKINSON CG 391 B1		IN WORKING ORDER	
TRACTION MOTORS	MAKE & TYPE	CROMPTON PARKINSON C 171 C 2	MINIMUM RADIUS CURVES	MAX. PERMITTED SERVICE SPEED 85 M.P.H.	
	No.	FOUR		HORIZONTAL WITHOUT GAUGE WIDENING 4 CHAINS	
	TYPE OF SUSPENSION	AXLE		HORIZONTAL WITH 3/4" GAUGE WIDENING 3 1/2 CHAINS	
	TYPE OF GEAR DRIVE	SINGLE REDUCTION		VERTICAL CONVEX 11 CHAINS	
PERFORMANCE	MAX. TRACTIVE EFFORT	45000 LBS. AT 26.0% ADHESION	TRAIN HEATING EQUIPMENT	VERTICAL CONCAVE 11 CHAINS	
	CONT. TRACTIVE EFFORT	26000 LBS. AT 17.5 M.P.H.		ELECTRIC GENERATOR MAKE & TYPE CROMPTON PARKINSON CAG 392 A1	
	RAIL H.P. AT CONT. RATING	1215 H.P.		DRIVEN BY ENGINE	
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.		CONT. OUTPUT 235 K.W. AT 750 VOLTS	
			TANK CAPACITY	ENGINE FUEL	800 GALLS.

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

**CLASS 33/2**

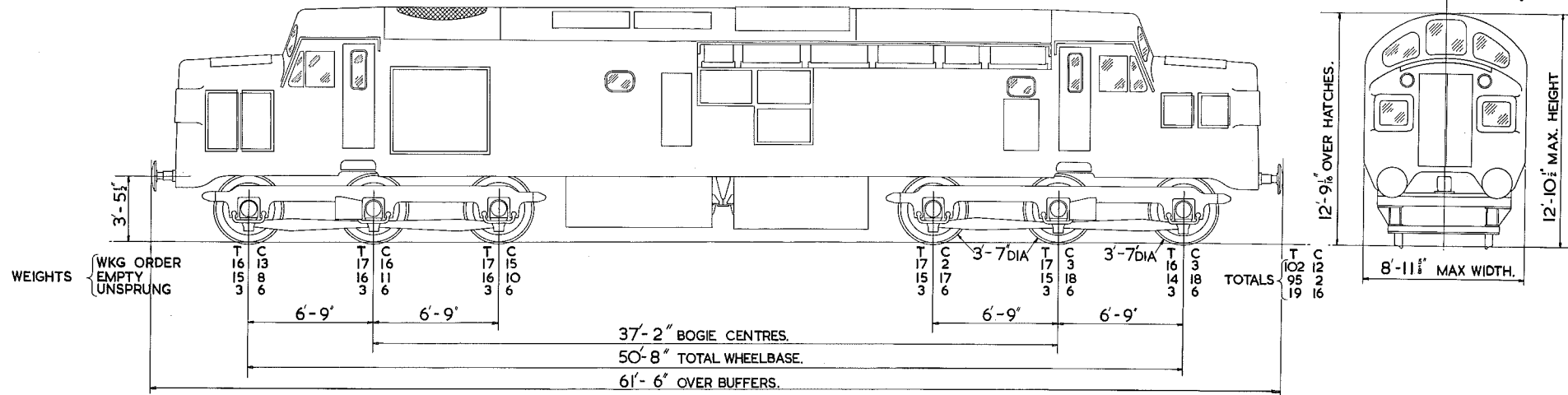


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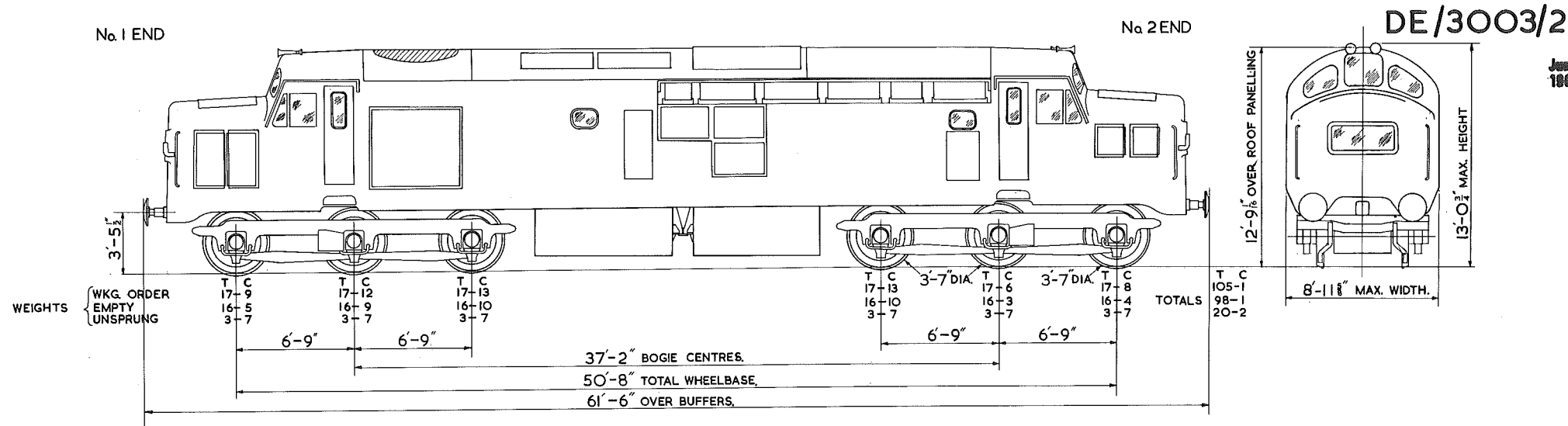
DE/3003/1

June 1969



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 12CSVT.	BRAKING	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
	No. OF CYLS. & CYCLE.	12 CYLS. 4 STROKE.		BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	82.5 %
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE EE 822/10G.	SPEED	MAX. PERMITTED SERVICE SPEED.	90 MPH.
	MAX. CONT. RATED OUTPUT.	1750 HP AT 850 R.P.M.	CURVE	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS. 4 CHAINS.
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	CLAYTON RO 2500 MK. I. 2500 LB/HOUR.
	No.	SIX.	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	830 GALLS. 120 GALLS. 800 GALLS.
	TYPE OF SUSPENSION	NOSE.			
	TYPE OF GEAR DRIVE	SINGLE REDUCTION.			
PERFORMANCE	MAX. TRACTIVE EFFORT	55500 LB. AT 24.1% ADHESION. AT 2600 AMPS. MAIN GENERATOR.			
	CONT. TRACTIVE EFFORT	35000 LB. AT 136 MPH. AT 1800 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING	1250 HP			
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.			

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



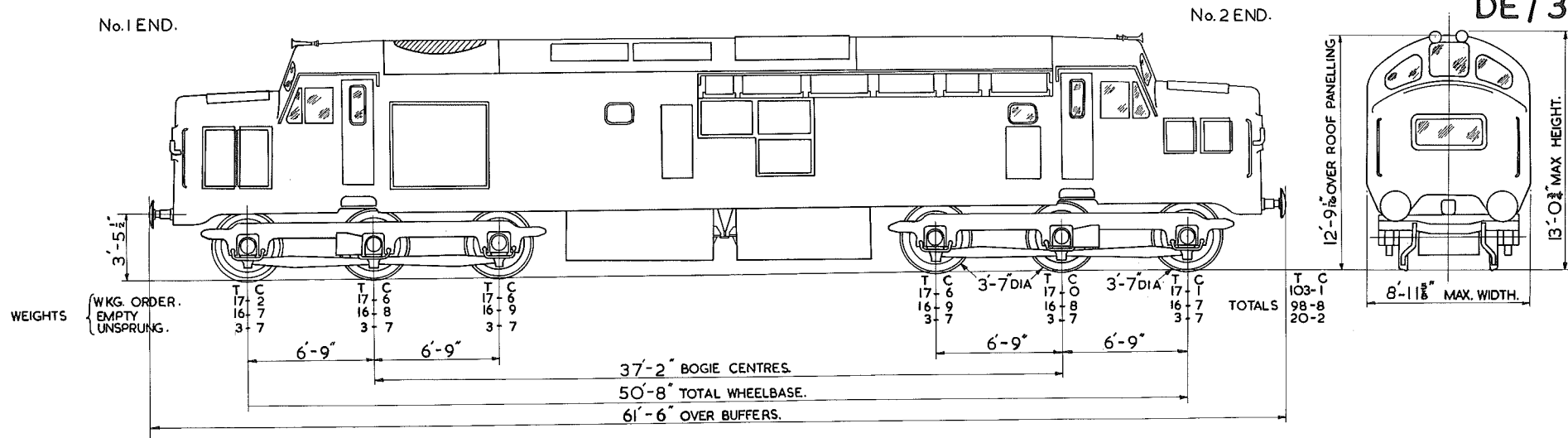
June 1980

ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC I2CSVT.	BRAKING	TYPE FOR LOCO.	AIR.
	No. OF CYLS. & CYCLE.	12 CYLS. 4 STROKE.		FOR TRAIN.	VACUUM.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1750HP AT 850 RPM.		BRAKE FORCE	% OF LOCO WEIGHT
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/IOG.			(IN WORKING ORDER).
TRACTION MOTORS	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A.	SPEED.		80-7%
	No.	SIX	CURVE.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	TYPE OF SUSPENSION.	NOSE			4 CHAINS.
	TYPE OF GEAR DRIVE	SINGLE REDUCTION		MIN. RAD. CURVE	(WITHOUT GAUGE WIDENING).
	MAX. TRACTIVE EFFORT	55500LB. AT 23.6% ADHESION.	TRAIN HEATING EQUIPMENT		(AT DEAD SLOW SPEED).
	CONT. TRACTIVE EFFORT	35000LB. AT 13.6MPH.		BOILER MAKE & TYPE.	CLAYTON RO-2500 MK.1 or MK.2.
PERFORMANCE	RAIL H.P. AT CONT. RATING	AT 1800 AMPS. MAIN GENERATOR.		STEAMING CAPACITY	2500LB/HOUR
	FULL ENGINE OUTPUT	1250H.P.	TANK CAPACITIES	ENGINE FUEL	830 GALLS.
		AVAILABLE BETWEEN 10 & 79 M.P.H.		BOILER FUEL	120 GALLS.
				BOILER WATER	800 GALLS.

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

DE/3003/3

June 1969



ENGINE	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 12CSVT. 12 CYLS 4 STROKE. 1750HP AT 850RPM.	BRAKING	{ TYPE FOR LOCO. FOR TRAIN.	AIR VACUUM
MAIN GENERATOR	{ MAKE & TYPE. No.	ENGLISH ELECTRIC TYPE 822/10G. SIX	SPEED.	{ BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	82.1 %
TRACTION MOTORS	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC EE538/A. SIX NOSE SINGLE REDUCTION.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90MPH. 4 CHAINS. 4 CHAINS.
PERFORMANCE	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING FULL ENGINE OUTPUT	55500LB. AT 24% ADHESION. AT 2600AMPS. MAIN GENERATOR. 35000LB AT 13.6MPH. AT 1800AMPS. MAIN GENERATOR 1250HP AVAILABLE BETWEEN 10 & 79MPH.	TANK CAPACITIES. ENGINE FUEL.		950 GALLS.

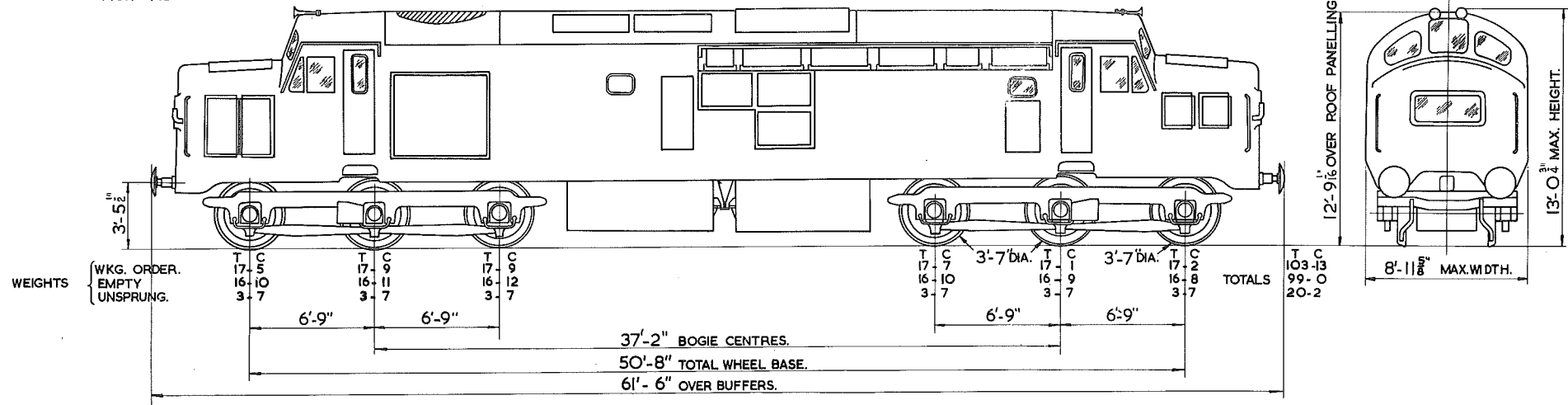
**1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 37.**

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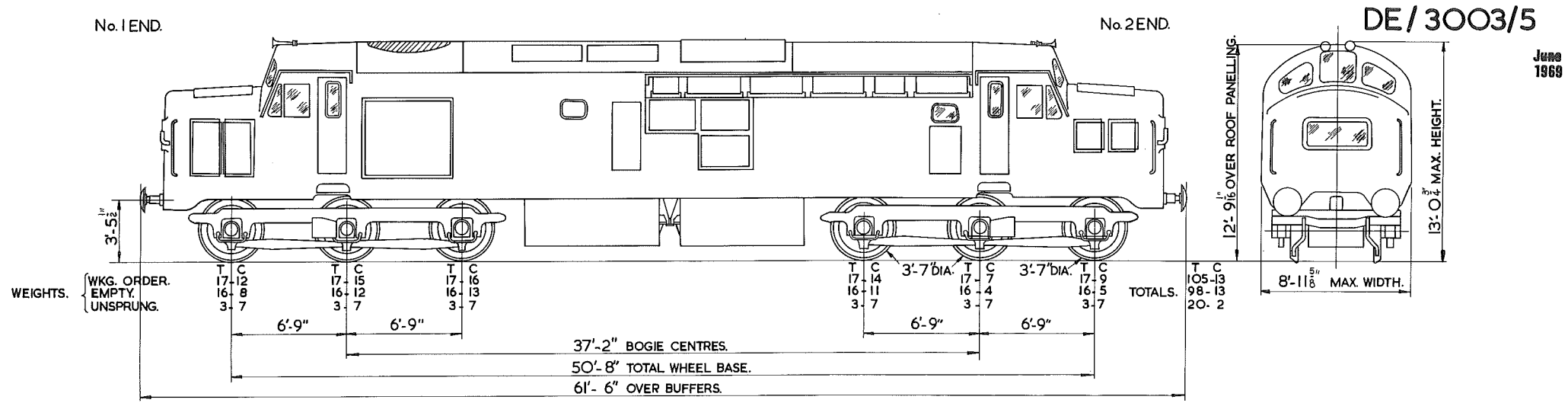
DE/3003/4

June 1969



ENGINE	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC I2CSVT. 12 CYLS 4 STROKE. 1750H.P.AT 850 R.P.M.	BRAKING	{ TYPE FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	STRAIGHT AIR & AUTO AIR. AUTO AIR & AIR CONT VAC. 81.7%
MAIN GENERATOR	{ MAKE & TYPE. No.	ENGLISH ELECTRIC TYPE 822/10G. SIX	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC EE538/A. SIX NOSE SINGLE REDUCTION.	MINIMUM RADIUS CURVES	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	4 CHAINS 3.8 CHAINS 8 CHAINS 8 CHAINS
PERFORMANCE	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	55500LB. AT 23.9% ADHESION AT 2600AMPS. MAIN GENERATOR. 35000 LB. AT 13.6M.P.H. AT 1800AMPS. MAIN GENERATOR	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE STEAMING CAPACITY	
	{ RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT.	1250H.P. AVAILABLE BETWEEN 10 & 79 M.P.H.	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER	950 GALLS.

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



June 1969

DE/3003/5

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.	AUTO AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	1750H.P. AT 850 RPM.		BRAKE FORCE % OF LOCO. WEIGHT IN WORKING ORDER.	80%
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS	MAKE & TYPE.	ENGLISH ELECTRIC EE538/A		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.		VERTICAL CONCAVE.	8 CHAINS.
	MAX. TRACTIVE EFFORT.	55500LB. AT 23.5% ADHESION.	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE	CLAYTON RO 2500 MK. 1 or MK. 2.
	CONT. TRACTIVE EFFORT	35000LB. AT 13.6 M.P.H.		STEAMING CAPACITY	2500 LB./HOUR.
PERFORMANCE.	RAIL H.P. AT CONT. RATING	1250H.P.	TANK CAPACITIES	ENGINE FUEL.	830 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10 & 79 M.P.H.		BOILER FUEL.	120 GALLS.
				BOILER WATER.	800 GALLS.

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

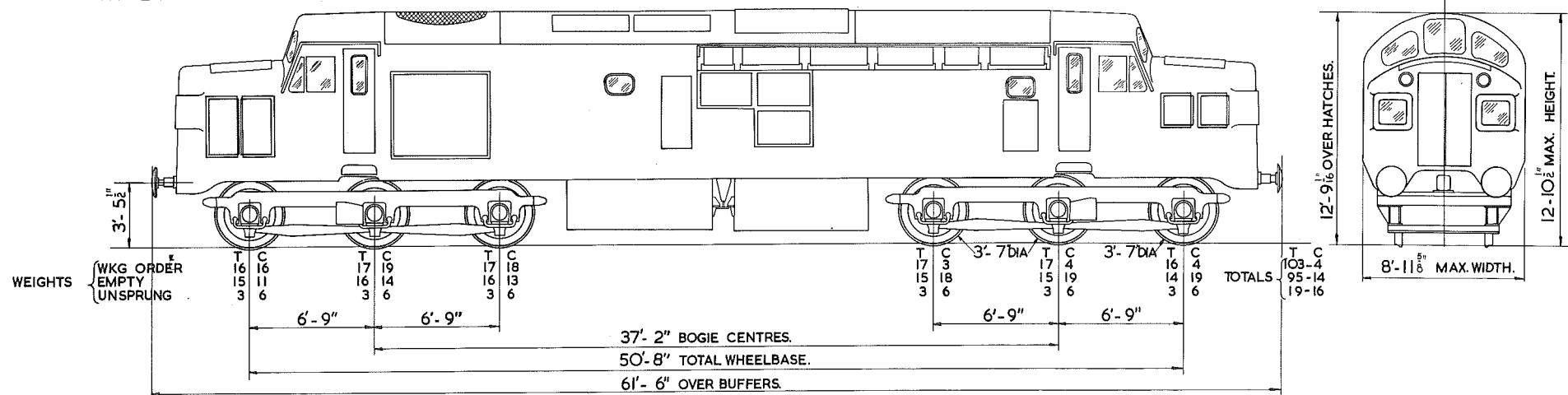


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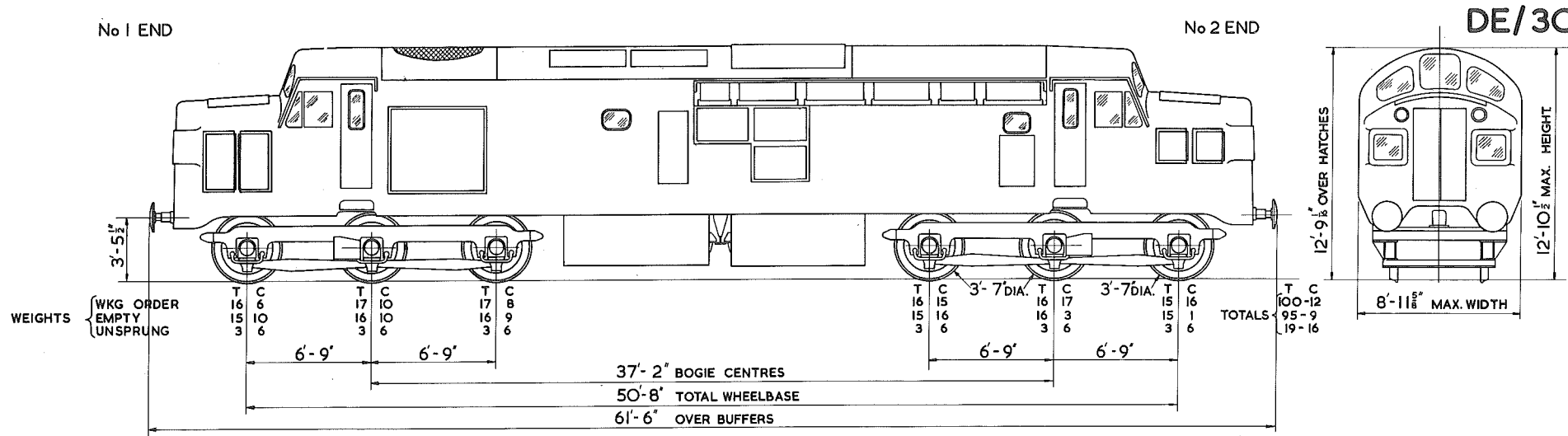
DE/3003/6

June 1969



ENGINE.	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE</li> <li>No. OF CYLS. &amp; CYCLE.</li> <li>MAX. CONT. RATED OUTPUT</li> </ul>	<p>ENGLISH ELECTRIC I2CSVT. 12CYLS 4 STROKE. 1750H.P AT 850 R.P.M.</p>	BRAKING.	<ul style="list-style-type: none"> <li>TYPE FOR LOCO.</li> <li>FOR TRAIN.</li> <li>BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.</li> </ul>	<p>STRAIGHT AIR &amp; AUTO AIR. AUTO AIR &amp; AIR CONT VAC. 82 %</p>
MAIN GENERATOR	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE.</li> </ul>	<p>ENGLISH ELECTRIC TYPE 822/10G.</p>	SPEED	<ul style="list-style-type: none"> <li>MAX. PERMITTED SERVICE SPEED.</li> </ul>	<p>90 M.P.H.</p>
TRACTION MOTORS	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE.</li> <li>No.</li> <li>TYPE OF SUSPENSION.</li> <li>TYPE OF GEAR DRIVE.</li> </ul>	<p>ENGLISH ELECTRIC EE538/A. SIX. NOSE. SINGLE REDUCTION.</p>	MINIMUM RADIUS CURVES	<ul style="list-style-type: none"> <li>HORIZONTAL WITHOUT GAUGE WIDENING.</li> <li>HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.</li> <li>VERTICAL CONVEX.</li> <li>VERTICAL CONCAVE.</li> </ul>	<p>4 CHAINS. 3.8 CHAINS. 8 CHAINS.</p>
PERFORMANCE	<ul style="list-style-type: none"> <li>MAX. TRACTIVE EFFORT.</li> <li>CONT. TRACTIVE EFFORT.</li> <li>RAIL H.P. AT CONT. RATING</li> <li>FULL ENGINE OUTPUT.</li> </ul>	<p>55500LB. AT 24% ADHESION AT 2600 AMPS. MAIN GENERATOR. 35000 LB AT 13.6 M.PH. AT 1800 AMPS. MAIN GENERATOR 1250 H.P. AVAILABLE BETWEEN 10 &amp; 79 M.PH.</p>	TRAIN HEATING EQUIPMENT	<ul style="list-style-type: none"> <li>BOILER MAKE &amp; TYPE.</li> <li>STEAMING CAPACITY.</li> </ul>	<p>8 CHAINS. CLAYTON RO 2500 MK. I. 2500 LB./HOUR.</p>
			TANK CAPACITIES	<ul style="list-style-type: none"> <li>ENGINE FUEL.</li> <li>BOILER FUEL.</li> <li>BOILER WATER.</li> </ul>	<p>830 GALLS. 120 GALLS. 800 GALLS.</p>

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

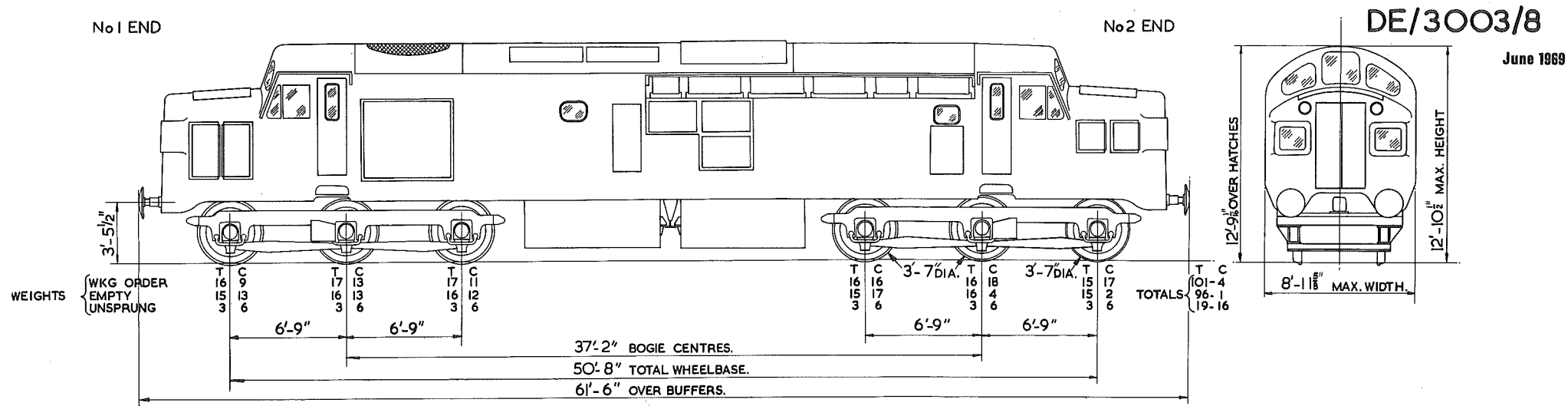


June 1969

DE/3003/7

ENGINE	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE</li> <li>No. OF CYLS. &amp; CYCLE</li> <li>MAX. CONT. RATED OUTPUT</li> </ul>	<ul style="list-style-type: none"> <li>ENGLISH ELECTRIC 12 CSVT</li> <li>12 CYLS. 4 STROKE</li> <li>1750 H.P. AT 850 R.P.M.</li> </ul>	BRAKING	<ul style="list-style-type: none"> <li>TYPE FOR LOCO</li> <li>FOR TRAIN</li> </ul>	<ul style="list-style-type: none"> <li>AIR</li> <li>VACUUM</li> </ul>	
MAIN GENERATOR	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE</li> </ul>	ENGLISH ELECTRIC TYPE 822/10G	SPEED	<ul style="list-style-type: none"> <li>BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER</li> </ul>	84.1%	
TRACTION MOTORS	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE</li> <li>No.</li> <li>TYPE OF SUSPENSION</li> <li>TYPE OF GEAR DRIVE</li> </ul>	<ul style="list-style-type: none"> <li>ENGLISH ELECTRIC EE538/A</li> <li>SIX</li> <li>NOSE</li> <li>SINGLE REDUCTION</li> </ul>				<ul style="list-style-type: none"> <li>MAX. PERMITTED SERVICE SPEED</li> </ul>
PERFORMANCE	<ul style="list-style-type: none"> <li>MAX. TRACTIVE EFFORT</li> </ul>	<ul style="list-style-type: none"> <li>55500 LB. AT 24.6% ADHESION</li> <li>AT 2600 AMPS MAIN GENERATOR</li> </ul>	TRAIN HEATING EQUIPMENT	<ul style="list-style-type: none"> <li>MINIMUM RADIUS CURVES</li> <li> <ul style="list-style-type: none"> <li>HORIZONTAL WITHOUT GAUGE WIDENING</li> <li>HORIZONTAL WITH 3/4 INS. GAUGE WIDENING</li> <li>VERTICAL CONVEX</li> <li>VERTICAL CONCAVE</li> </ul> </li> <li>BOILER MAKE &amp; TYPE</li> <li>STEAMING CAPACITY</li> </ul>	<ul style="list-style-type: none"> <li>4 CHAINS</li> <li>3.8 CHAINS</li> <li>8 CHAINS</li> <li>8 CHAINS</li> </ul>	
	<ul style="list-style-type: none"> <li>CONT. TRACTIVE EFFORT</li> </ul>	<ul style="list-style-type: none"> <li>35000 LB. AT 13.6 M.P.H.</li> <li>AT 1800 AMPS MAIN GENERATOR</li> </ul>			<ul style="list-style-type: none"> <li>ENGINE FUEL</li> <li>BOILER FUEL</li> <li>BOILER WATER</li> </ul>	980 GALLS.
	<ul style="list-style-type: none"> <li>RAIL H.P. AT CONT. RATING</li> <li>FULL ENGINE OUTPUT</li> </ul>	<ul style="list-style-type: none"> <li>1250 H.P.</li> <li>AVAILABLE BETWEEN 10 &amp; 79 M.P.H.</li> </ul>			TANK CAPACITIES	

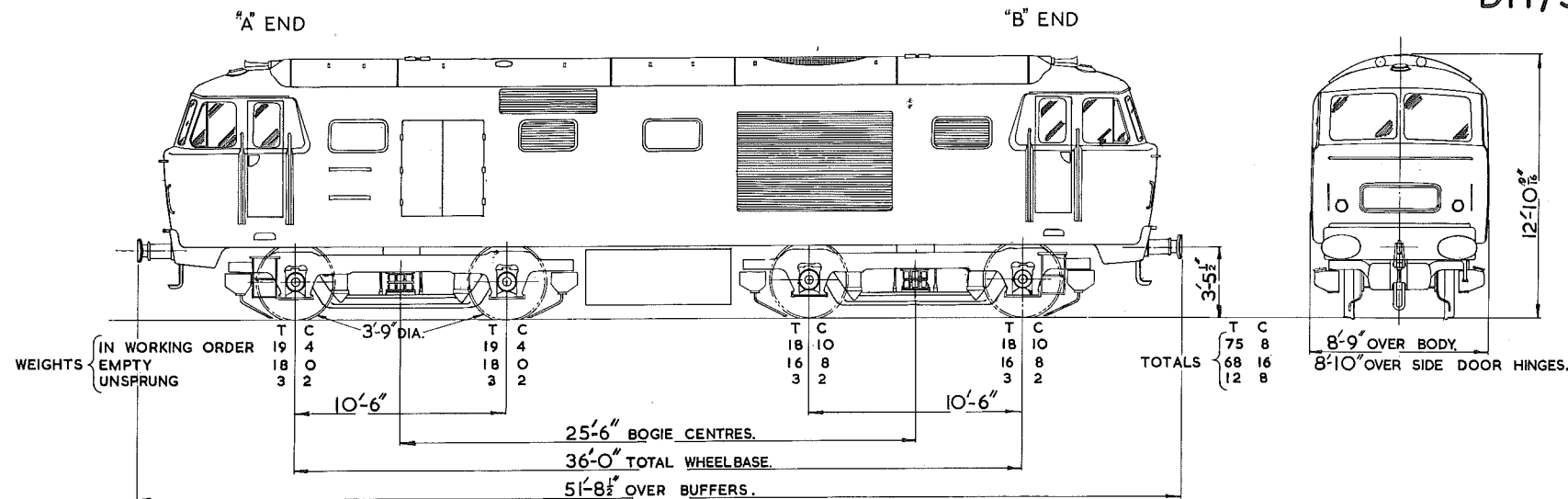
**1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE  
CLASS 37**



ENGINE	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX CONT. RATED OUTPUT.	ENGLISH ELECTRIC 12 CSVT. 12 CYLS. 4 STROKE. 1750H.PAT 850 R.P.M.	BRAKING	{ TYPE FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT. IN WORKING ORDER	STRAIGHT AIR & AUTO AIR AUTO AIR & AIR CONT. VAC. 83.6 %
MAIN GENERATOR	{ MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE	ENGLISH ELECTRIC EE538/A. SIX. NOSE. SINGLE REDUCTION	MINIMUM RADIUS CURVES	{ HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS. 3.8 CHAINS. 8 CHAINS. 8 CHAINS.
PERFORMANCE	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	55500 L.B. AT 24.5% ADHESION AT 2600 AMPS. MAIN GENERATOR. 35000 L.B. AT 13.6 M.P.H. AT 1800 AMPS. MAIN GENERATOR 1250 H.P. AVAILABLE BETWEEN 10 & 79 M.P.H.	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	980 GALLS.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER	

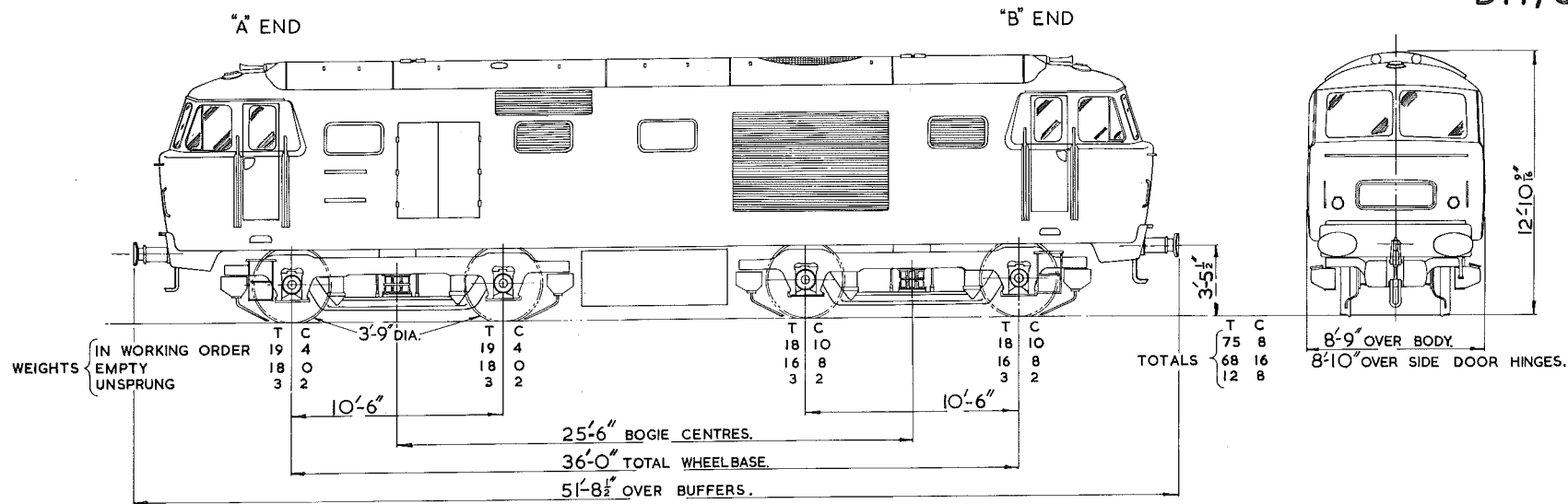
**1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 37**





ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ONE. MAYBACH M.D. 870. 16 CYLS. 4 STROKE. 1700 H.P. AT 1500 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	MEKYDRO K.184 u.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING: AT DEAD SLOW SPEED:	4 CHAINS. 4 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	46600 LB. AT 27.6% ADHESION. 33950 LB. AT 12.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR O.K. 4616. 1750 LB./ HOUR.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 73.3 %.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER	800 GALLS. 800 GALLS.

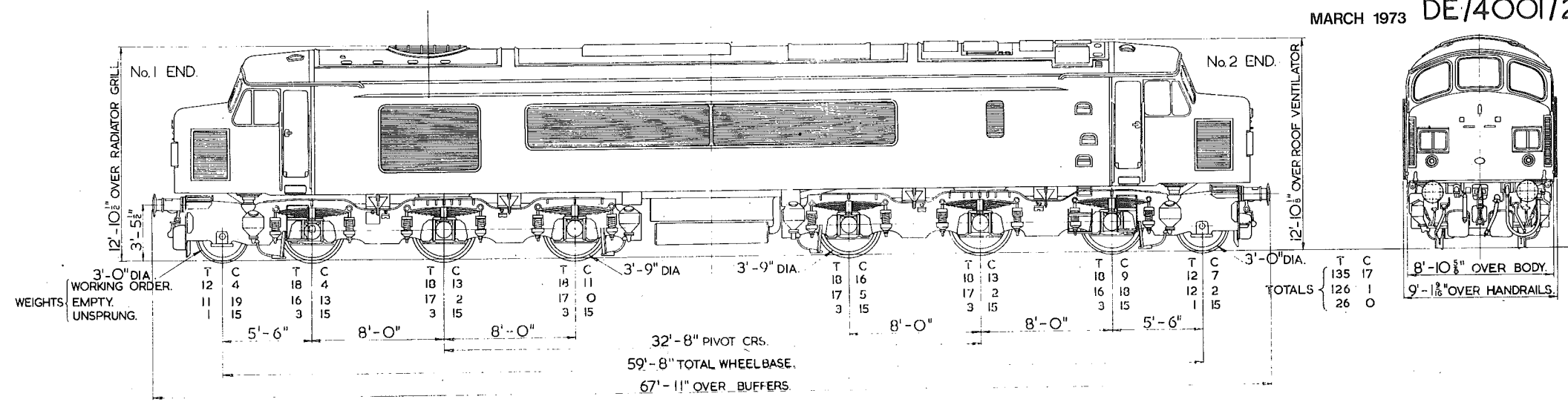
**1700 H.P. HYMEK TYPE 3 B-B DIESEL HYDRAULIC LOCOMOTIVE.  
CLASS 35**



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

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

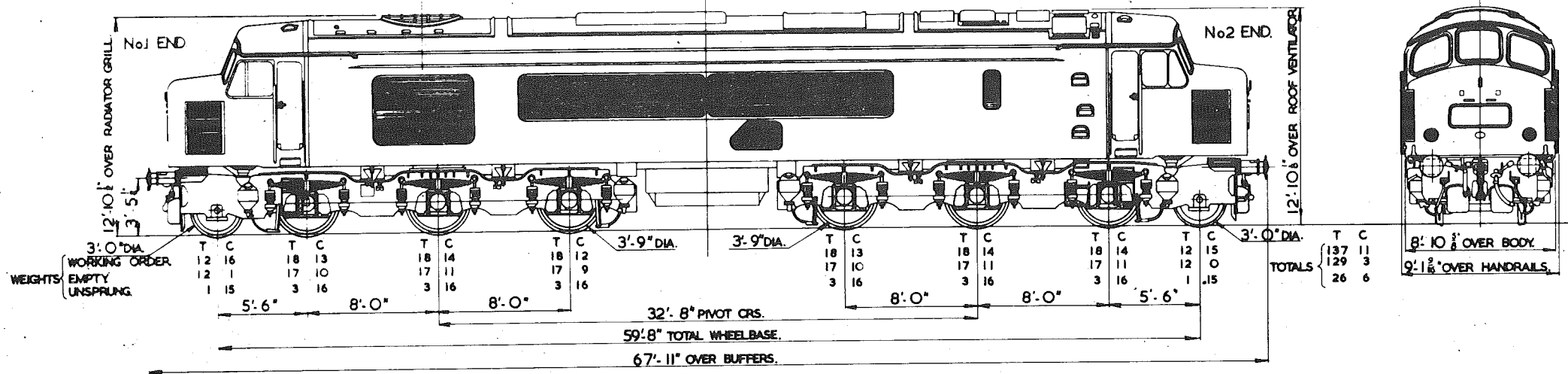




ENGINE.	MAKE & TYPE.	SULZER 12 I.D.A. 28 B.	BRACING.	TYPE. { FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE. { % OF LOCO WEIGHT. IN WORKING ORDER.	VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	78 %.
	MAKE & TYPE.	CROMPTON PARKINSON CG. 426 A1.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H.
TRACTION MOTORS.	MAKE & TYPE.	CROMPTON PARKINSON C. 172 A1	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE.	5 CHAINS.
	No.	SIX.		STEAMING CAPACITY.	2750 LBS/HOUR.
	TYPE OF SUSPENSION.	NOSE.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	790 GALLS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.			1340 GALLS.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	55000 LBS. AT 22.1% ADHESION AT 4200 AMPS. MAIN GENERATOR			
	CONT. TRACTIVE EFFORT.	30000 LBS. AT 25 M.P.H. AT 2670 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	2000 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 12 & 82 MPH.			

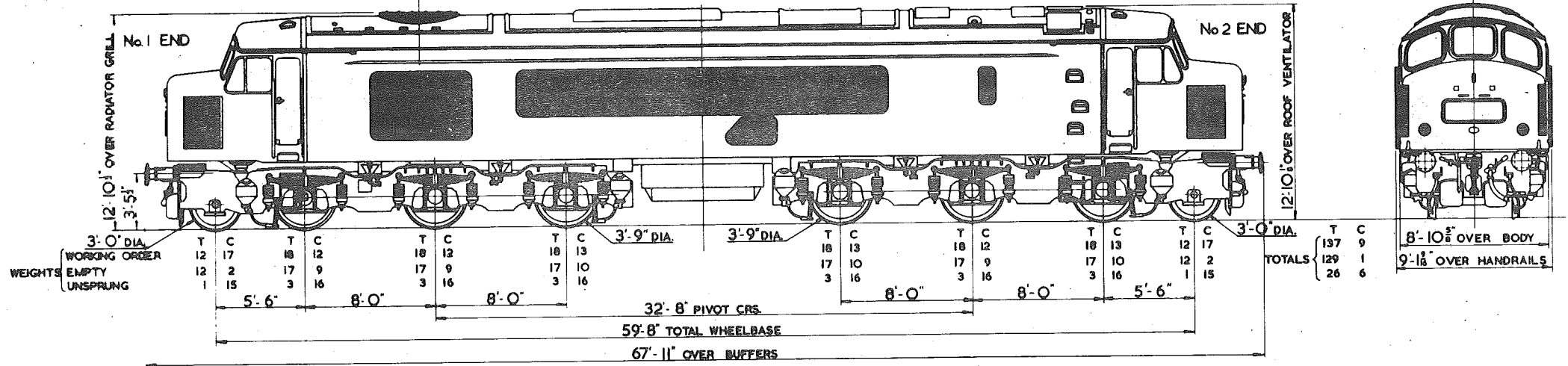
**2500 H.P. B. R. TYPE 4 I.C. CI. DIESEL ELECTRIC LOCOMOTIVE.**  
**CLASS 45**





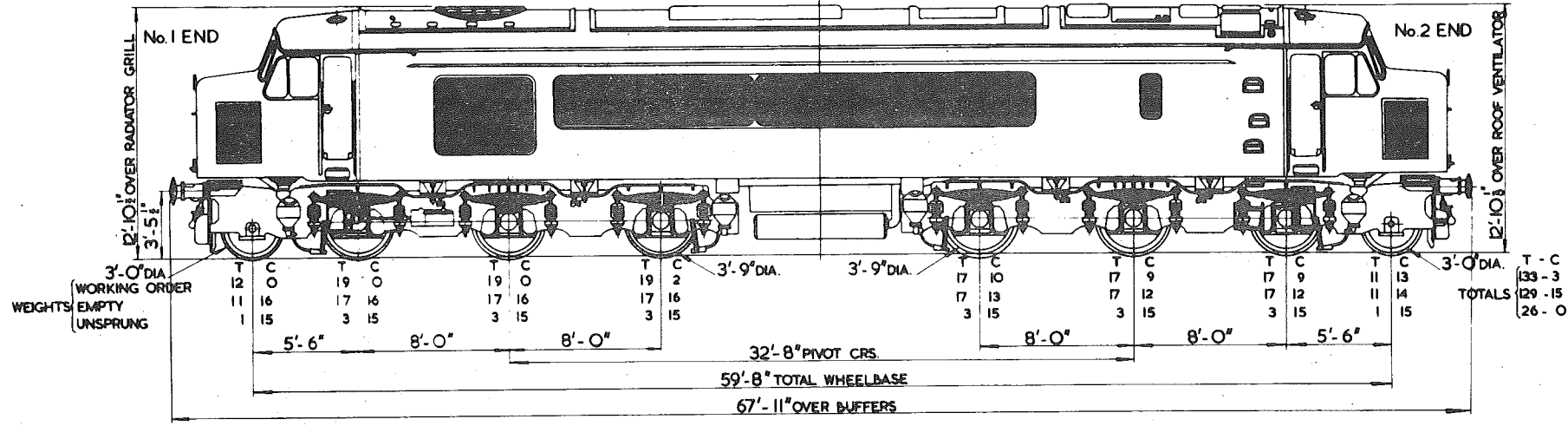
ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28B.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	VACUUM.
	MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 R.P.M.			77%.
MAIN GENERATOR.	MAKE & TYPE.	BRUSH E.E. Co. LTD. T.G. 160-60.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	MAKE & TYPE.	BRUSH E.E. Co. LTD. T.M. 73-68 M <sup>III</sup> .		HORIZONTAL WITHOUT GAUGE WIDENING.	5 CHAINS.
TRACTION MOTORS.	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.
	MAX. TRACTIVE EFFORT.	55000 LBS. AT 22% ADHESION.	TRAIN HEATING.	BOILER MAKE & TYPE.	STONE VAPOR O.K. 4.625.
		AT 3300 AMPS MAIN GENERATOR.	EQUIPMENT.	STEAMING CAPACITY.	2750 LBS/HOUR.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	31600 LBS. AT 23.3 M.P.H.	TANK CAPACITIES.	ENGINE FUEL.	790 GALLS.
		AT 2100 AMPS. MAIN GENERATOR.		BOILER FUEL.	
	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**



ENGINE	MAKE & TYPE	SULZER 12 LDA. 28 B.	BRAKING	TYPE { FOR LOCO. FOR TRAIN	AIR VACUUM
	No OF CYLS. & CYCLE	12 CYL. 4 STROKE		BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	77-1%
	MAX. CONT. RATED OUTPUT	2500 H.P. AT 750 R.P.M.			
MAIN GENERATOR	MAKE & TYPE	BRUSH E.E. Co. LTD. TG. 160-60	SPEED	MAX. PERMITTED SERVICE SPEED	90 M.P.H.
	MAKE & TYPE	BRUSH E.E. Co. LTD. TM. 73-68M <sup>K</sup> III		HORIZONTAL WITHOUT GAUGE WIDENING	5 CHAINS
	No	SIX	MINIMUM RADIUS	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	465 CHAINS
TRACTION MOTORS	TYPE OF SUSPENSION	NOSE	CURVES	VERTICAL CONVEX	23 CHAINS
	TYPE OF GEAR DRIVE	STRAIGHT SPUR		VERTICAL CONCAVE	24 CHAINS
	MAX. TRACTIVE EFFORT	55000 LBS. AT 22 % ADHESION AT 3300 AMPS MAIN GENERATOR	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE	SPANNER SWIRLYFLO MK. III
	CONT. TRACTIVE EFFORT	31600 LBS. AT 23.3 M.P.H. AT 2100 AMPS MAIN GENERATOR		STEAMING CAPACITY	2750 LBS/HOUR
PERFORMANCE	RAL H.P. AT CONT. RATING	1962 H.P.	TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	790 GALLS. 1040 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 11.2 & 85 M.P.H.			

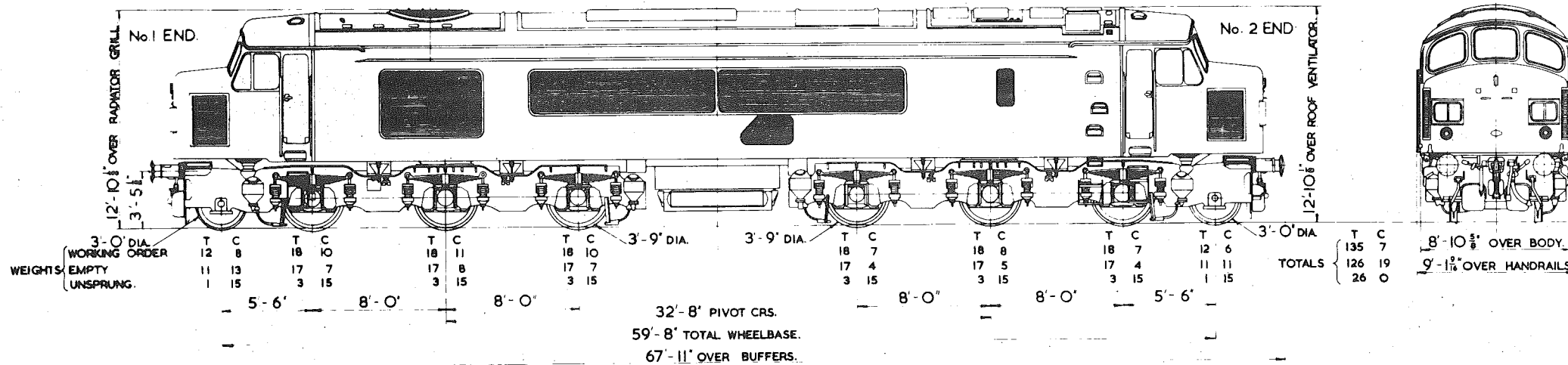
2500 H.P. B.R. TYPE 4 IC-CI DIESEL ELECTRIC LOCOMOTIVE  
CLASS 46



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

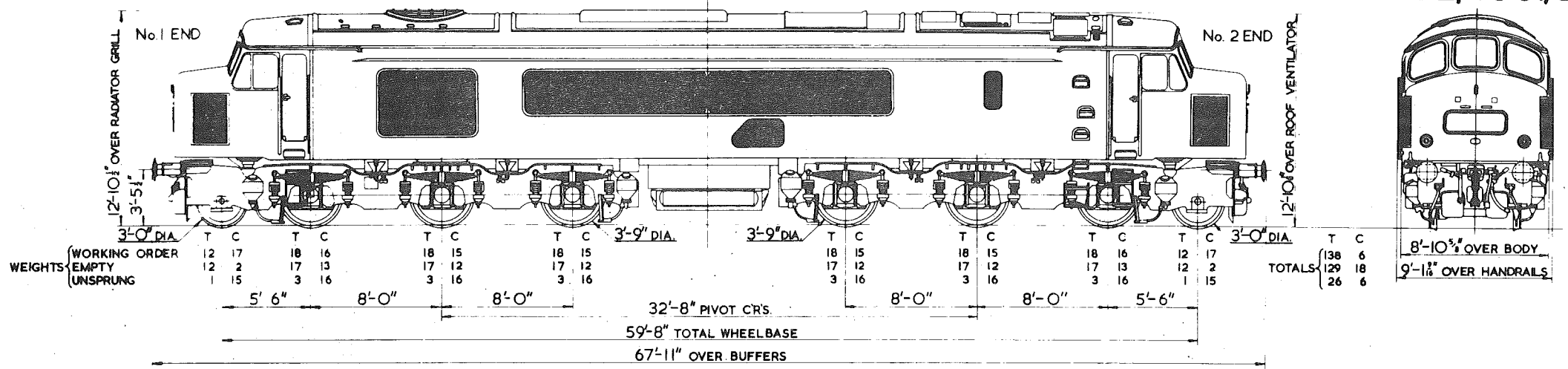
2300 H.P. B.R. TYPE 4 IC.CI. DIESEL ELECTRIC LOCOMOTIVE.

CLASS 44



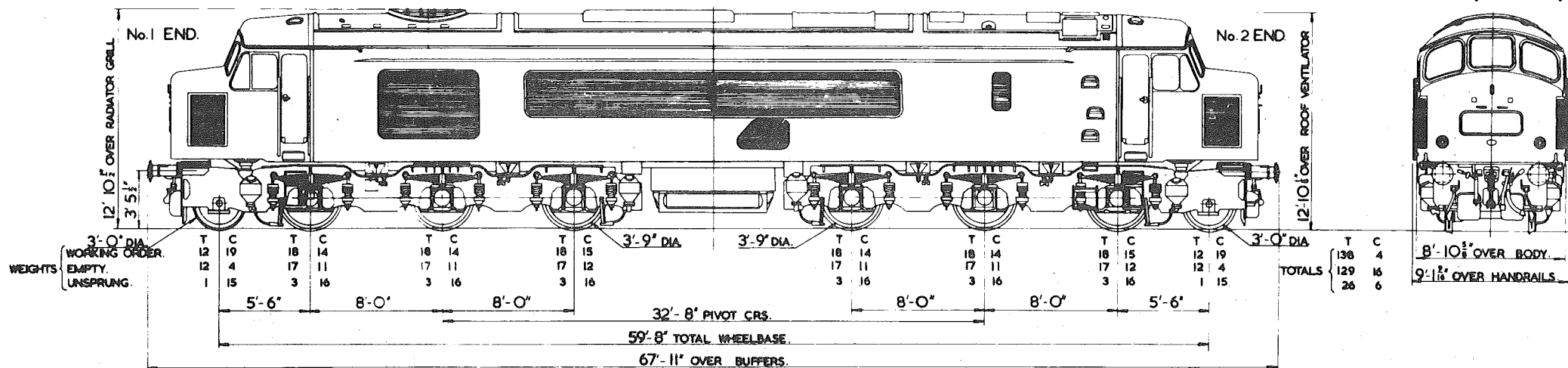
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA. 28 B. 12 CYL. 4 STROKE. 2500 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC. 77.6 %.
MAIN GENERATOR.	{ MAKE & TYPE.	CROMPTON PARKINSON C.G.426 A.I.	SPEED.	{ MAX. PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING.	90 M.P.H. 5 CHAINS.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	CROMPTON PARKINSON C.172 A.I. SIX. NOSE. STRAIGHT SPUR. 55,000 LBS. AT 22-1% ADHESION. AT 4,200 AMPS. MAIN GENERATOR.	MINIMUM RADIUS. CURVES.	{ HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4-65 CHAINS. 23 CHAINS. 24 CHAINS.
PERFORMANCE	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LBS. AT 25 M.P.H. AT 2670 AMPS. MAIN GENERATOR. 2,000 H.P. AVAILABLE BETWEEN 12 & 82 M.P.H.	TRAIN HEATING. EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY. ENGINE FUEL. BOILER FUEL. BOILER WATER.	STONE VAPOR O.K.4625. 2750 LBS./HOUR. 790 GALLS. 1040 GALLS.
TANK CAPACITIES.					

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



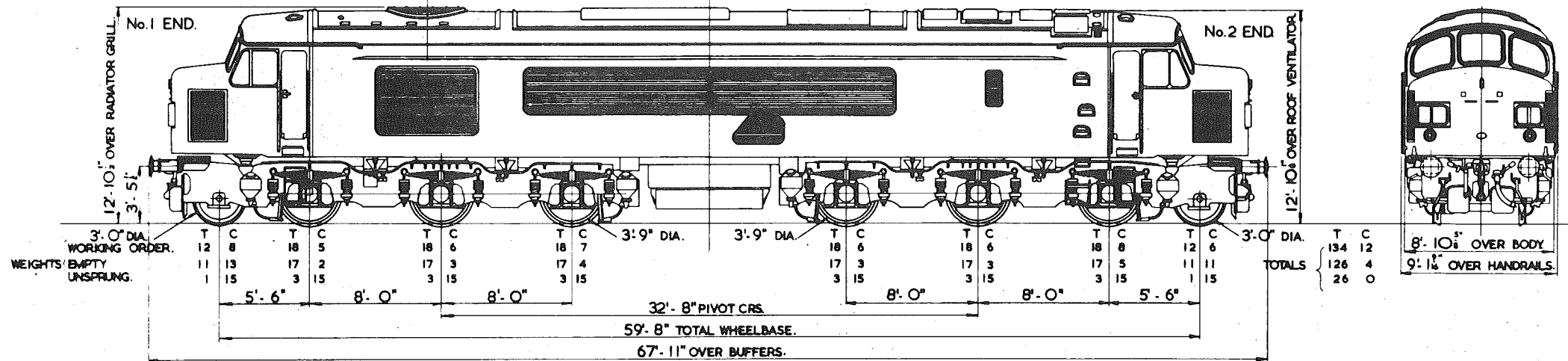
ENGINE	MAKE & TYPE No. OF CYLS. & CYCLE MAX. CONT. RATED OUTPUT	SULZER 12 LDA 28 B 12 CYLS. 4 STROKE 2500 H.P. AT 750 R.P.M.	BRAKING	TYPE { FOR LOCO. FOR TRAIN BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	STRAIGHT AIR & AUTO AIR AUTO. AIR & AIR CONT. VAC. 76.6%
MAIN GENERATOR	MAKE & TYPE	BRUSH E.E.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

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



ENGINE.	MAKE & TYPE.	SULZER 12 LDA. 28 B.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	76.6%
	MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 RPM.			
MAIN GENERATOR.	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.	MINIMUM RADIUS OF CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.	5 CHAINS.
	No.	SIX.		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	4.65 CHAINS.
	TYPE OF SUSPENSION.	NOSE.		VERTICAL CONVEX.	23 CHAINS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	TRAIN HEATING EQUIPMENT.	VERTICAL CONCAVE.	24 CHAINS.
	MAX. TRACTIVE EFFORT.	55000 LBS. AT 21.9% ADHESION.	TANK CAPACITIES.	BOILER MAKE & TYPE.	SPANNER SWIRLYFLO MK. III.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 3300 AMPS. MAIN GENERATOR.		STEAMING CAPACITY.	1850 LBS/HOUR.
	RAIL H.P. AT CONT. RATING.	31600 LBS. AT 23.3 M.P.H.		ENGINE FUEL.	790 GALLS.
	FULL ENGINE OUTPUT.	AT 2100 AMPS. MAIN GENERATOR.		BOILER FUEL.	1040 GALLS.
		1962 H.P.		BOILER WATER.	
		AVAILABLE BETWEEN 112 & 85 M.P.H.			

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

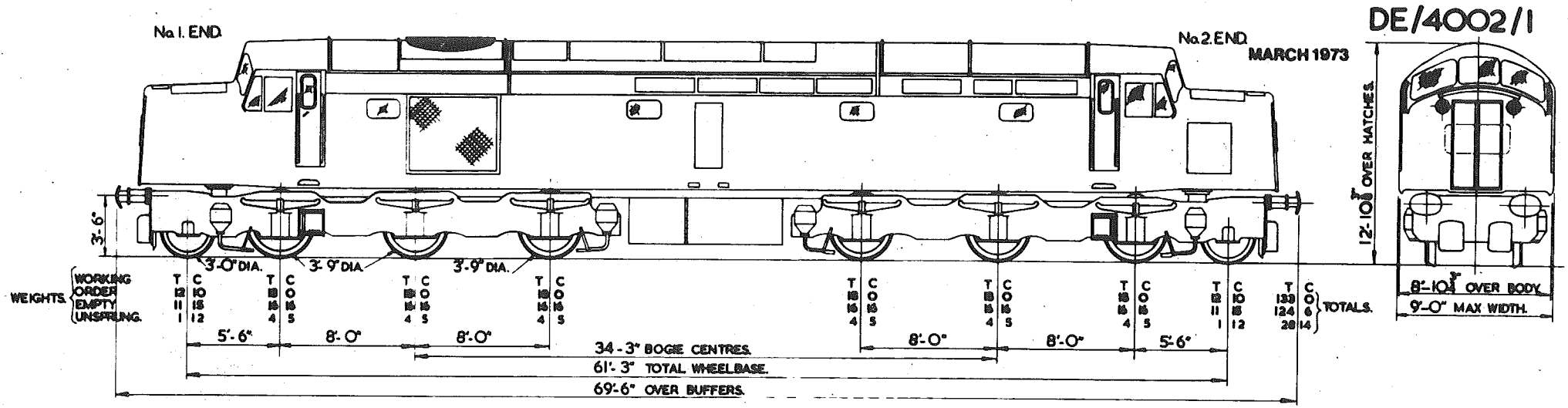


ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28 B.	BRAKING.	TYPE.	FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE.	% OF LOCO WEIGHT. IN WORKING ORDER.	VACUUM.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 R.P.M.				78.8 %
	MAKE & TYPE.	CROMPTON PARKINSON C.G. 426 A1.	SPEED.	MAX. PERMITTED SERVICE SPEED.		90 M.P.H.
TRACTION MOTORS.	MAKE & TYPE.	CROMPTON PARKINSON C.172 A1.		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.	TRAIN HEATING.	VERTICAL CONCAVE.		24 CHAINS.
	MAX. TRACTIVE EFFORT.	55000 LBS. AT 22.3 % ADHESION.	EQUIPMENT.	BOILER MAKE & TYPE.		STONE VAPOR O.K. 4625.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30000 LBS. AT 25 M.P.H.		STEAMING CAPACITY.		2750 LBS/HOUR.
	RAIL H.P. AT CONT. RATING.	AT 2670 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	ENGINE FUEL.		790 GALLS.
	FULL ENGINE OUTPUT.	2000 H.P.		BOILER FUEL.		1040 GALLS.
		AVAILABLE BETWEEN 12 & 82 M.P.H.		BOILER WATER.		

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

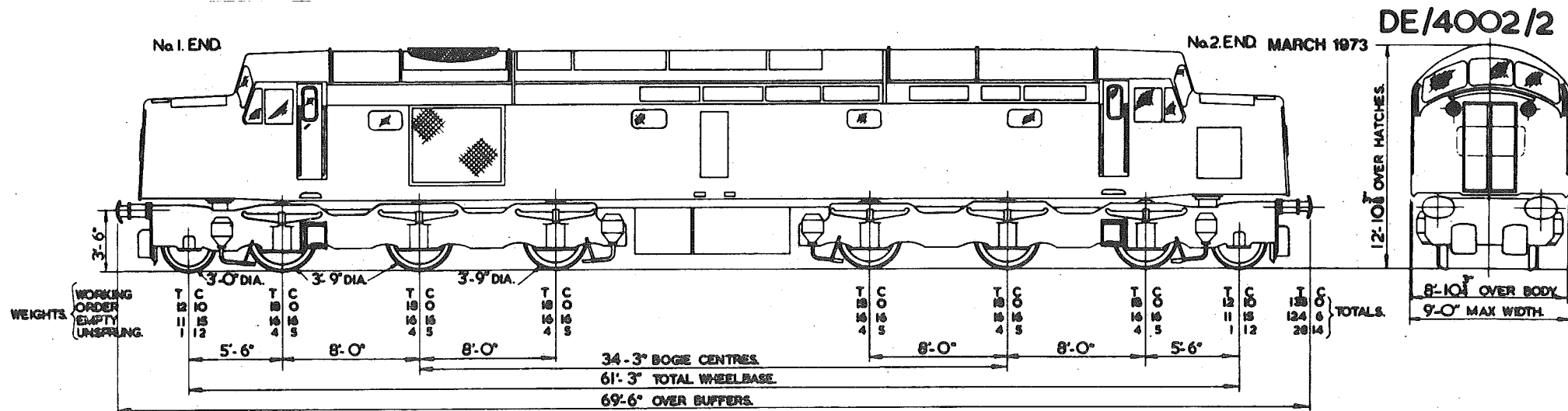






ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II			
	NO. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			
	MAX. CONT. RATED OUTPUT	2000 H.P. AT 850 R.P.M.	BRAKING	TYPE.	AIR
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.		FOR TRAIN.	VACUUM
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	SPEED.	} % OF LOCO. WEIGHT IN WORKING ORDER	64%
TRACTION MOTORS	NO.	SIX.	MINIMUM RADIUS.		MAX. PERMITTED SERVICE SPEED.
	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.
PERFORMANCE	CONT. TRACTIVE EFFORT	AT 2,700 AMPS. MAIN GENERATOR.	EQUIPMENT.	VERTICAL CONCAVE.	18 CHAINS.
	RAIL H.P. AT CONT. RATING.	1,550 H.P.	TANK CAPACITIES	BOILER MAKE & TYPE.	STONE-VAPOUR O.K. 4625 OR B.R. 4625
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.		STEAMING CAPACITY.	2750 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**



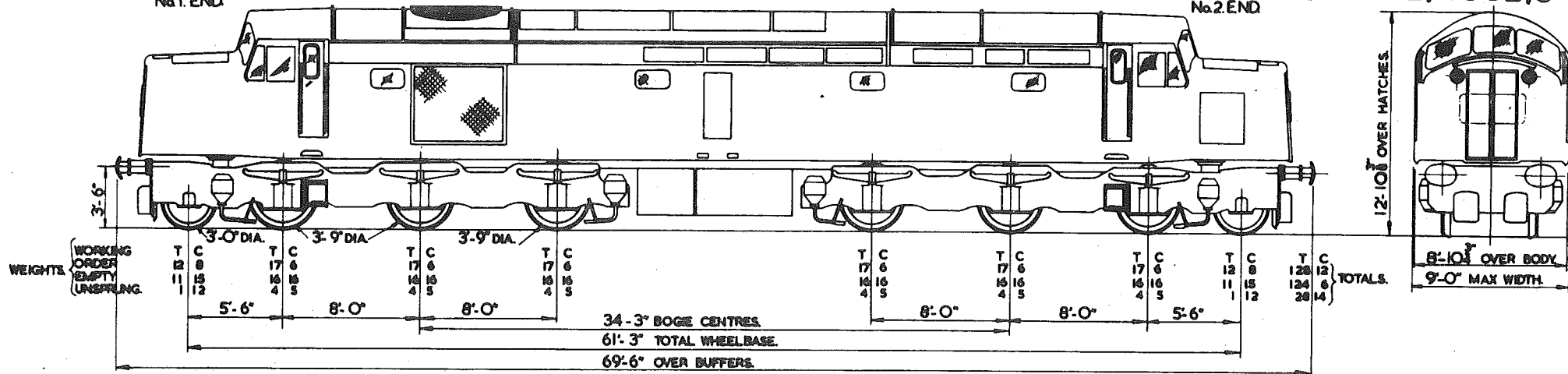
ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. II	TYPE	FOR LOCO	AIR
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE		FOR TRAIN	VACUUM
MAIN GENERATOR.	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.	BRAKING	} % OF LOCO WEIGHT IN WORKING ORDER.	64%.
	MAX. CONT. RATED OUTPUT	2000 H.P. AT 850 R.P.M.			
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	SPEED		90 M.P.H.
	No.	SIX	MINIMUM RADIUS.	HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE	CURVES.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.6 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION		VERTICAL CONVEX.	18 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 215% ADHESION.	TRAIN HEATING.	VERTICAL CONCAVE.	18 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,700 AMPS. MAIN GENERATOR.	EQUIPMENT.	BOILER MAKE & TYPE.	CLAYTON R.O. 2500 MARK I.
		30,900 LB. AT 18.8 M.P.H.		STEAMING CAPACITY.	2500 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.	600 GALLONS.

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

No.1.END

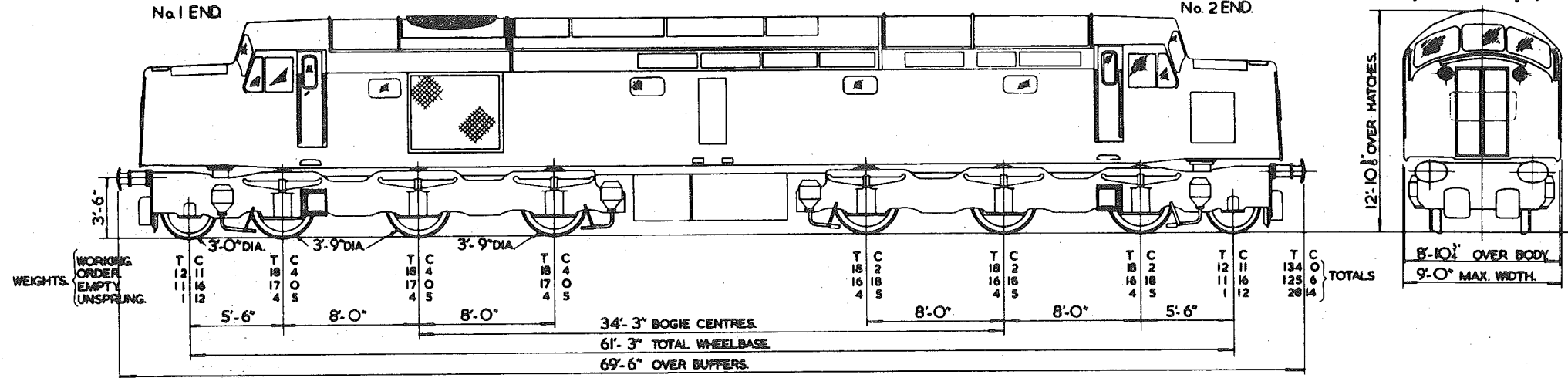
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MARCH 1973 DE/4002/3



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK.11	TYPE	FOR LOCO.	AIR
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.		FOR TRAIN.	VACUUM
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT	2000 HP AT 850 R.P.M.	BRAKE FORCE	% OF LOCO. WEIGHT	66.2%
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.		IN WORKING ORDER.	
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	SIX	MINIMUM RADIUS.	HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE	CURVES.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3.6 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION		VERTICAL CONVEX.	18 CHAINS.
	MAX. TRACTIVE EFFORT	52,000 LB. AT 223% ADHESION.	TRAIN HEATING.	VERTICAL CONCAVE.	18 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT	AT 2,700 AMPS. MAIN GENERATOR.	EQUIPMENT.	BOILER MAKE & TYPE.	
		AT 1,800 AMP. MAIN GENERATOR.		STEAMING CAPACITY.	
	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.	
				BOILER WATER.	

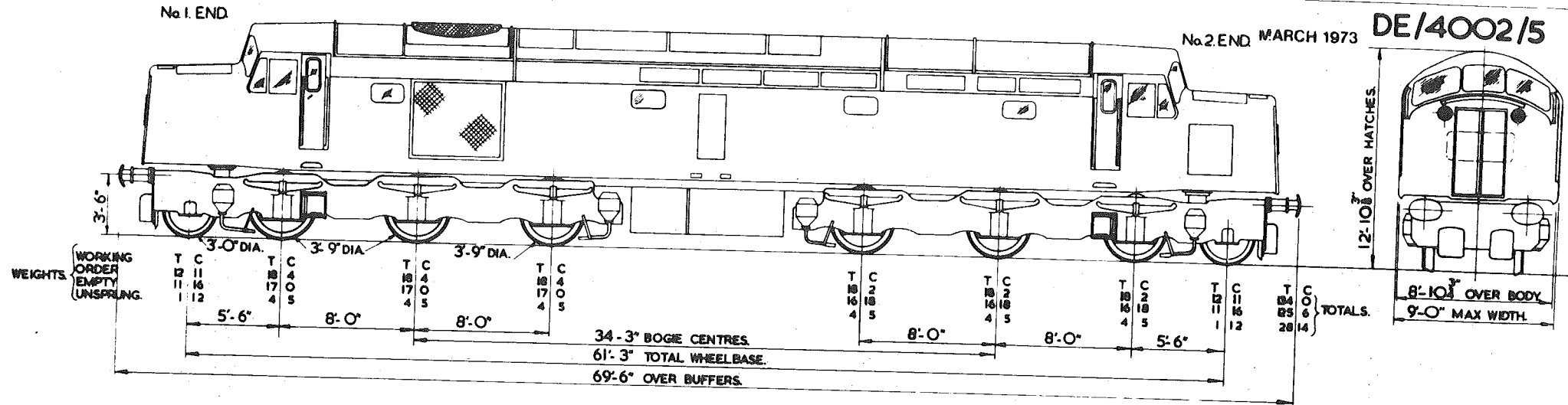
2000 H.P. E.E. TYPE 4 IC - CI DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 40



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK.11	BRAKING.	TYPE	FOR LOCO.	STRAIGHT AIR & AUTO AIR.
	No. OF CYLS & CYCLE.	16 CYLS 4 STROKE.			FOR TRAIN.	AUTO AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.		BRAKE FORCE	% OF LOCO. WEIGHT	63.5%.
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D.	SPEED.		IN WORKING ORDER.	
TRACTION MOTORS.	No.	SIX.			MAX. PERMITTED SERVICE SPEED	90 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.	3.6 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21.1% ADHESION	TRAIN HEATING.		VERTICAL CONVEX.	18 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,700 AMPS. MAIN GENERATOR	EQUIPMENT.		VERTICAL CONCAVE.	18 CHAINS.
	RAIL H.P. AT CONT. RATING.	30,900 LB. AT 18.8 M.P.H.			BOILER MAKE & TYPE.	STONE - VAPOR O.K. 4625
	FULL ENGINE OUTPUT	AT 1,800 AMP. MAIN GENERATOR.	TANK CAPACITIES.		STEAMING CAPACITY.	2,750 LB./HOUR.
		1,550 H.P.			ENGINE FUEL	710 GALLONS.
		AVAILABLE BETWEEN 10 & 79 M.P.H.			BOILER FUEL.	200 GALLONS.
					BOILER WATER.	800 GALLONS.

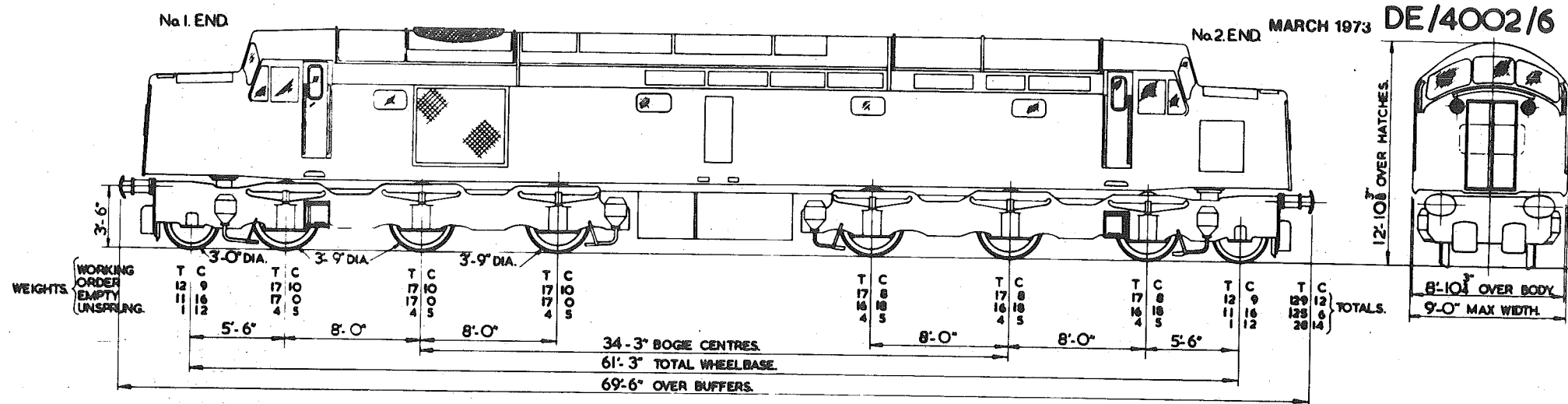
2000 H.P. E.E. TYPE 4 IC - CI DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 40

391 x 20



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. 11	BRAKING	TYPE. { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO AIR, AUTO. AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	63.5%
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2000 H.P. AT 850 R.P.M.			
	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D		HORIZONTAL WITHOUT GAUGE WIDENING.	4.5 CHAINS.
TRACTION MOTORS.	No.	SIX.	MINIMUM RADIUS.	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	3-6 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	CURVES.	VERTICAL CONVEX.	18 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION		VERTICAL CONCAVE.	18 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21.1% ADHESION.	TRAIN HEATING.	BOILER MAKE & TYPE.	CLAYTON R.O. 2500 MARK 1
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2,700 AMPS. MAIN GENERATOR.	EQUIPMENT.	STEAMING CAPACITY.	2500 LB/HOUR.
		30,900 LB. AT 18.8 M.P.H.		ENGINE FUEL.	710 GALLONS.
	RAIL H.P. AT CONT. RATING.	AT 1,800 AMP. MAIN GENERATOR.	TANK CAPACITIES	BOILER FUEL.	200 GALLONS.
	FULL ENGINE OUTPUT	1,550 H.P.		BOILER WATER.	800 GALLONS.
		AVAILABLE BETWEEN 10 & 79 M.P.H.			

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



ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC 16 SVT. MK. 11	BRAKING	TYPE	FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
	No OF CYLS. & CYCLE.	16 CYLS. 4 STROKE		} % OF LOCO. WEIGHT IN WORKING ORDER	}	65.7%
	MAX. CONT. RATED OUTPUT	2000 H.P. AT 850 R.P.M.				
MAIN GENERATOR.	MAKE & TYPE.	ENGLISH ELECTRIC TYPE E.E. 822.	SPEED.			90 M.P.H.
	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 526/5D				
TRACTION MOTORS.	No.	SIX	MINIMUM RADIUS.			4.5 CHAINS.
	TYPE OF SUSPENSION.	NOSE	CURVES.			3.6 CHAINS.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION				18 CHAINS.
	MAX. TRACTIVE EFFORT	52,000 LB. AT 22.2% ADHESION.	TRAIN HEATING.			18 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT	AT 2,700 AMPS. MAIN GENERATOR.	EQUIPMENT			
		30,900 LB. AT 18.8 M.P.H.				
		AT 1,800 AMP. MAIN GENERATOR.	TANK CAPACITIES			
	RAIL H.P. AT CONT. RATING.	1,550 H.P.		ENGINE FUEL.		710 GALLONS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 79 M.P.H.		BOILER FUEL.		
				BOILER WATER.		

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

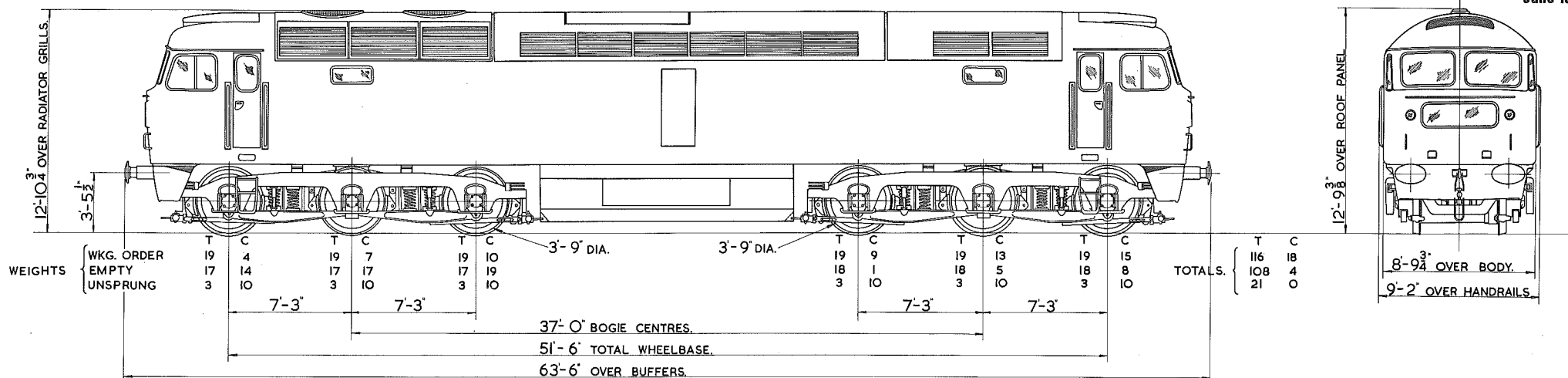


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DE/4003/1

June 1969

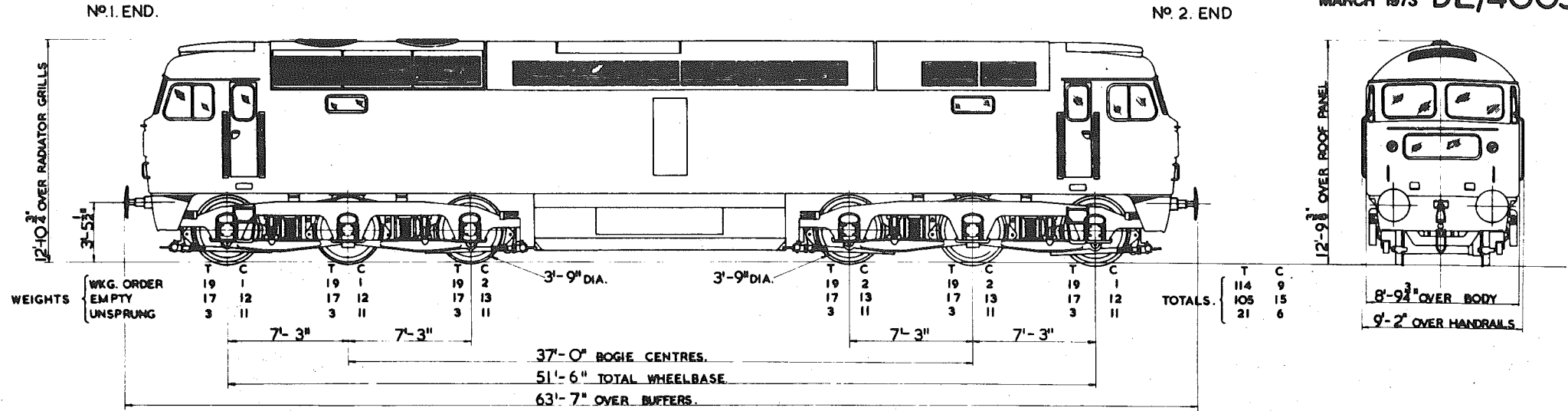


ENGINE.	{ MAKE & TYPE. No. OF CYLS & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA 28C 12 CYL, 4 STROKE 2750 HP AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR VACUUM 85%
MAIN GENERATOR.	{ MAKE & TYPE.	BRUSH TG 160-60	SPEED	MAX. PERMITTED SERVICE SPEED	95 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE MAX. TRACTIVE EFFORT.	BRUSH TM 64-68 SIX NOSE STRAIGHT SPUR 55,000 LB. AT 21% ADHESION AT 3,390 AMPS MAIN GENERATOR	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS SPANNER MARK III
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 27 M.P.H. AT 2,130 AMPS. MAIN GENERATOR 2160 H.P. AVAILABLE BETWEEN 12.8 & 85 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER { MAKE & TYPE STEAMING CAPACITY ELECTRIC GENERATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	1850 LB./HR. BRUSH TG 160-16 MAIN ENGINE 320 KW. AT 800 VOLTS
			TANK CAPACITIES	{ ENGINE FUEL } { BOILER FUEL } { BOILER WATER }	810 GALLONS 1250 GALLONS

**2750 H.P. BRUSH TYPE 4. G-C DIESEL ELECTRIC LOCOMOTIVE.**

**CLASS 47**





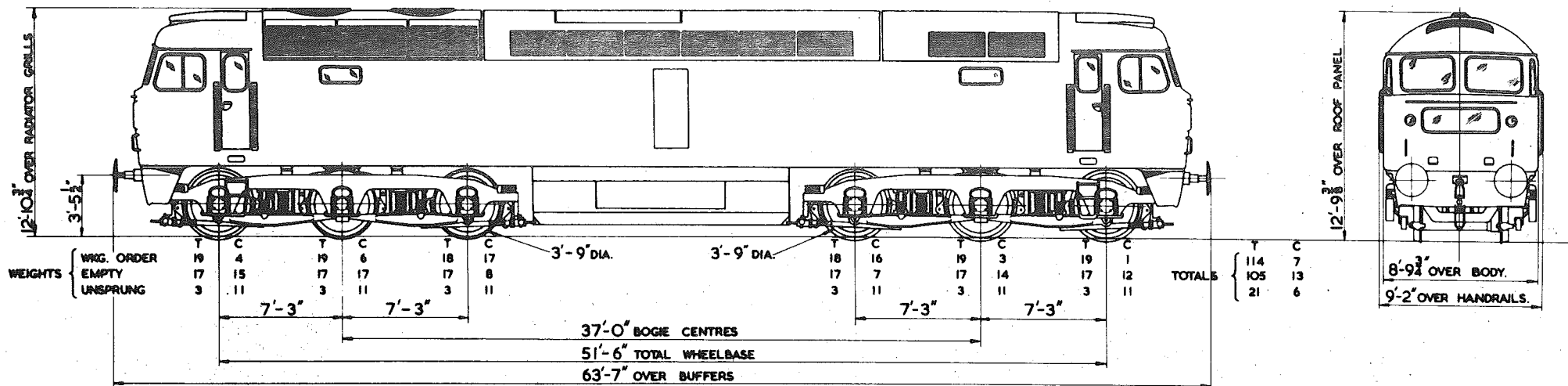
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA 28C 12 CYL; 4 STROKE 2750 HP AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR VACUUM 87%
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH TG 160-60 MK.2. BRUSH TM 64-68 MK.1.	SPEED.	MAX. PERMITTED SERVICE SPEED	95 M.P.H.
TRACTION MOTORS.	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX NOSE STRAIGHT SPUR 62,000 LB AT 24-27% ADHESION AT 3750 AMPS. MAIN GENERATOR	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 27 MPH AT 2,130 AMPS. MAIN GENERATOR 2160 HP AVAILABLE BETWEEN 10.5 & 85 MPH	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III 1850 LB/HR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS 1250 GALLONS

**2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47**

No.1 END.

No.2 END.

MARCH 1973 DE/4003/3



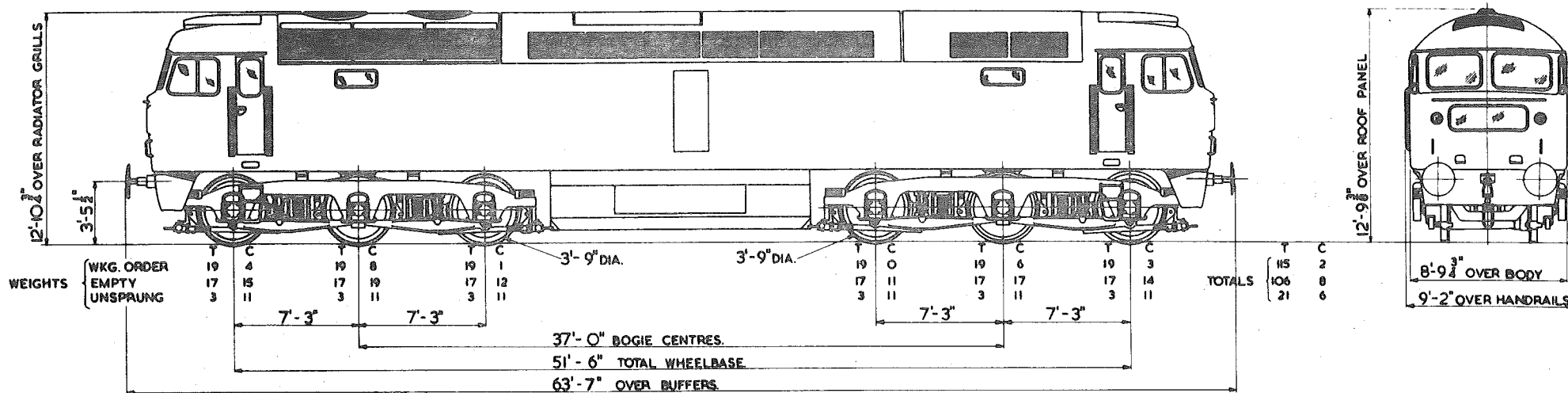
ENGINE.	MAKE & TYPE.	SULZER 12 LDA. 28 C.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR.
	No. OF CYLS. & CYCLE.	12 CYL 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	VACUUM.
	MAX. CONT. RATED OUTPUT.	2750 HP AT 800 RPM.			87 %
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG 160-60 MK.4.	SPEED.	MAX PERMITTED SERVICE SPEED.	95 MPH.
	MAKE & TYPE.	BRUSH TM 64-68 MK.I.A.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS.
TRACTION MOTORS.	No.	SIX.	TRAIN HEATING EQUIPMENT.		{ BOILER MAKE & TYPE. STEAMING CAPACITY.
	TYPE OF SUSPENSION.	STRAIGHT SPUR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	10 CHAINS.
	TYPE OF GEAR DRIVE.				SPANNER MARK III
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 24.2% ADHESION AT 3750 AMPS. MAIN GENERATOR.			1850 LB/HR.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 MPH. AT 2,130 AMPS. MAIN GENERATOR.			765 GALLONS.
	RAIL H.P. AT CONT. RATING.	2160 H.P.			1250 GALLONS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.5 & 85 MPH.			

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47

No. 1. END.

No. 2. END. MARCH 1973 DE/4003/4



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12LDA 28C 12 CYLS. 4 STROKE 2750 H.P. AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 86.5%.
MAIN GENERATOR.	{ MAKE & TYPE. No.	BRUSH TG.172-50 MK.I. BRUSH TM. 64-68MK.IA. SIX.	SPEED.	MAX. PERMITTED SERVICE SPEED.	95 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. STRAIGHT SPUR. 62000 LB AT 24% ADHESION AT 7,500 AMPS. MAIN GENERATOR.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30000 LB. AT 27 M.P.H. AT 4,260 AMPS. MAIN GENERATOR. 2160 H.P. AVAILABLE BETWEEN 10.5 & 85 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III. 1850 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLS. 1250 GALLS.

**2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.**

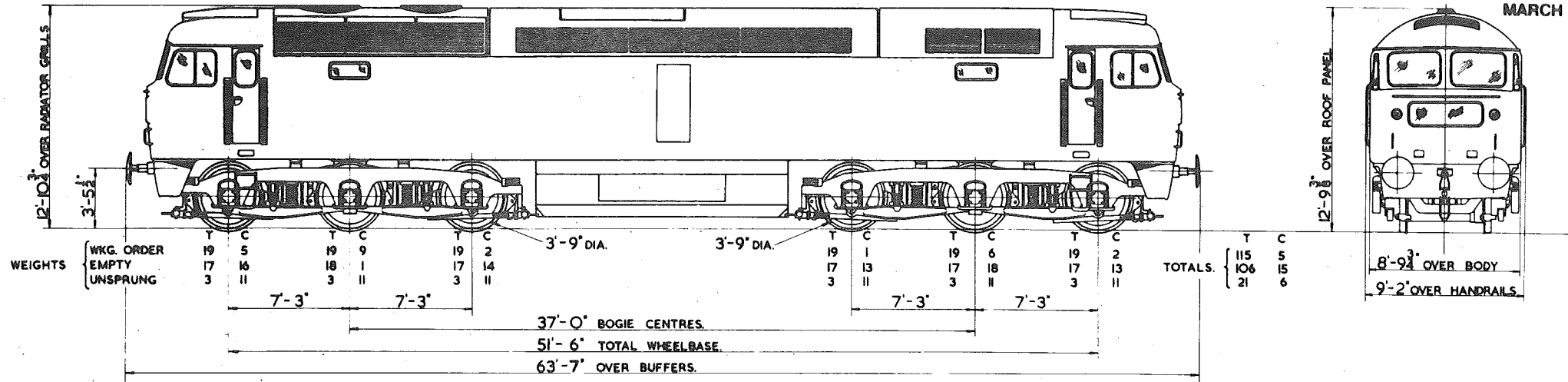
**CLASS 47**

No. 1 END.

No. 2 END.

DE/4003/5

MARCH 1973



ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28 C.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
	No. OF CYLS. & CYCLE.	12 CYL 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	86.4%.
	MAX. CONT. RATED OUTPUT.	2750 H.P. AT 800 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	T.G. 172 - 50 MK. I.	SPEED.	MAX. PERMITTED SERVICE SPEED.	95 M.P.H.
	MAKE & TYPE.	T.M. 64 - 68 MK. IA.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS. 10 CHAINS 10 CHAINS
TRACTION MOTORS.	No.	SIX.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III. 1850 LB/HR.
	TYPE OF SUSPENSION	NOSE.		TANK CAPACITIES. { ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.			1200 GALLONS.
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 24% ADHESION AT 7500 AMPS. MAIN GENERATOR.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 M.P.H. AT 4260 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	2160 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.5 & 85 M.P.H.			

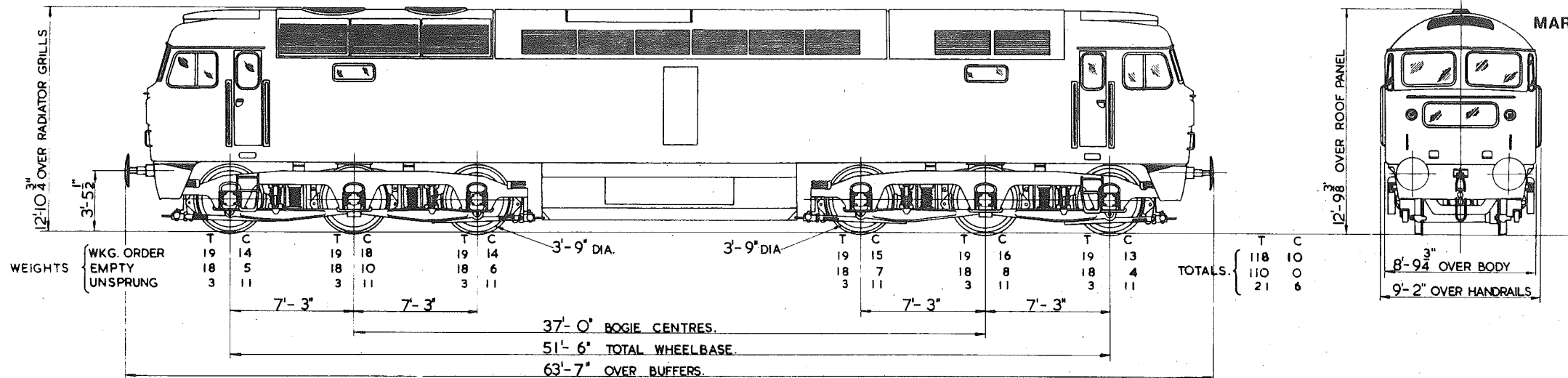
2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47

No. 1. END.

No. 2. END.

DE/4003/6

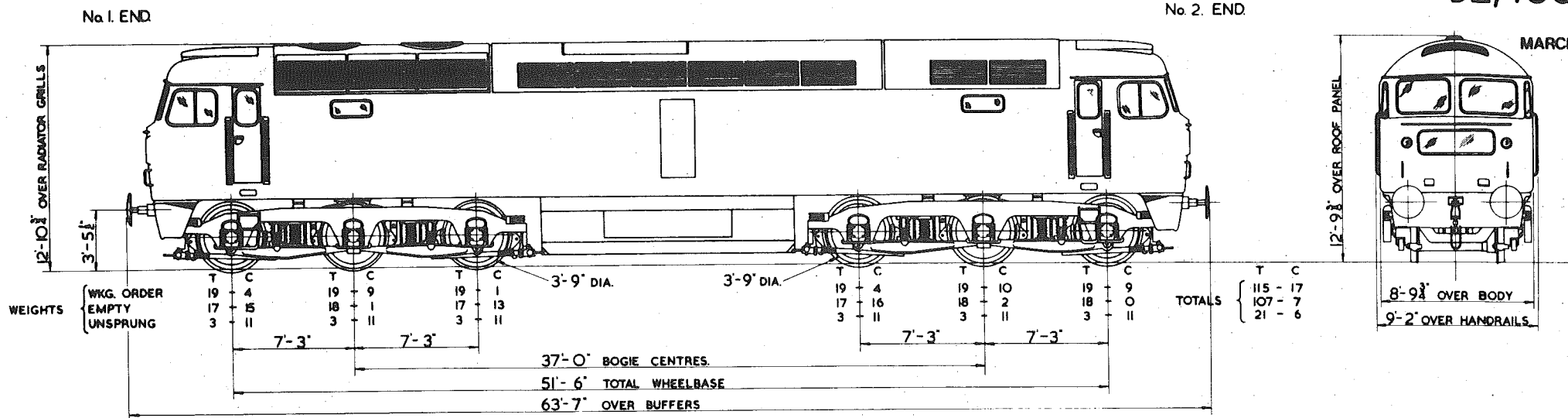
MARCH 1973



ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28C.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTOMATIC AIR. AUTO. AIR & AIR CONTROLLED VAC.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	839%
	MAX. CONT. RATED OUTPUT.	2750 H.P. AT 800 R.P.M.			
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG 172-50 MK. I.	SPEED.	MAX. PERMITTED SERVICE SPEED.	95 M.P.H.
	MAKE & TYPE.	BRUSH TM 64-68 MK. I.A.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
	No.	SIX.	CURVES.	VERTICAL CONVEX. VERTICAL CONCAVE.	10 CHAINS 10 CHAINS
TRACTION MOTORS.	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING	BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III 1850 LB./HR.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	EQUIPMENT.		
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 23.4% ADHESION AT 7500 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS 1200 GALLONS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 M.P.H. AT 4,260 AMPS MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	2160 H.P.			
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.5 & 85 M.P.H.			

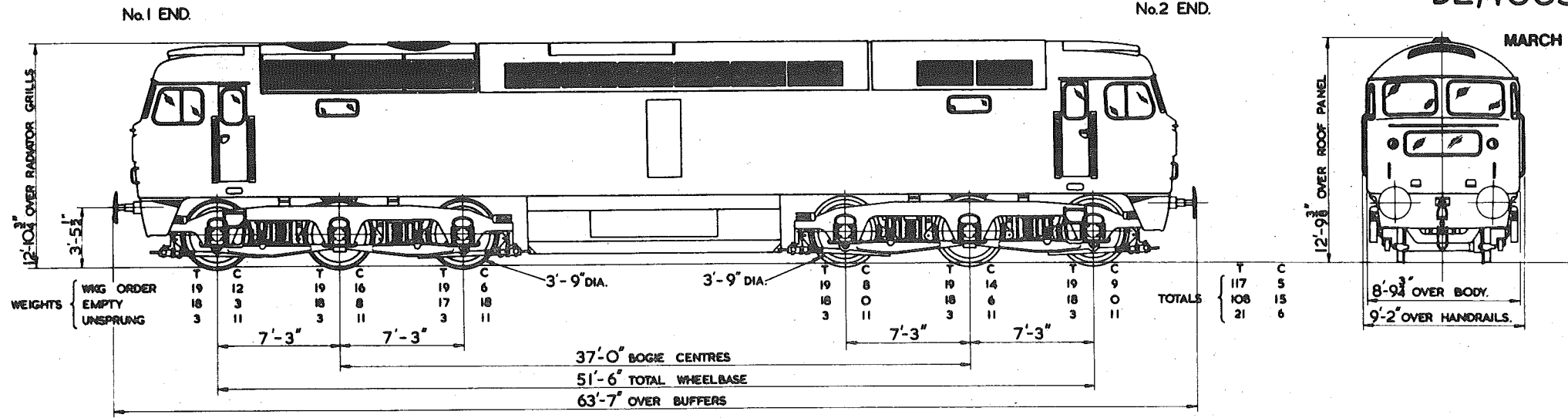
2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/1



ENGINE.	MAKE & TYPE.	SULZER 12 L.D.A 28 C.	TYPE {	FOR LOCO	AIR.
	NO OF CYLS. & CYCLE.	12 CYL 4 STROKE.	FOR TRAIN	VACUUM.	
	MAX. CONT. RATED OUTPUT.	2750 HP AT 800 R.P.M.	BRAKE FORCE {	% OF LOCO WEIGHT.	85-9%
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG.172-50 MK.I.	IN WORKING ORDER.		
	MAKE & TYPE.	BRUSH TM.64-68 MK.IA.	SPEED.	MAX PERMITTED SERVICE SPEED.	95 M.P.H.
TRACTION MOTORS.	NO.	SIX.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
	TYPE OF SUSPENSION.	NOSE.	CURVES	HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3-75 CHAINS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	TRAIN HEATING	VERTICAL CONVEX.	10 CHAINS.
	MAX. TRACTIVE EFFORT.	62000 LB AT 23.9% ADHESION	EQUIPMENT	VERTICAL CONCAVE.	10 CHAINS.
	CONT. TRACTIVE EFFORT.	AT 7500 AMPS MAIN GENERATOR.	TANK CAPACITIES	BOILER MAKE & TYPE.	STONE VAPOR B.R. 4625.
PERFORMANCE	RAIL H.P. AT CONT. RATING.	30000 LB. AT 27 M.P.H.		STEAMING CAPACITY.	2750 LB/HR.
	FULL ENGINE OUTPUT.	AT 4260 AMPS MAIN GENERATOR.		{	
		2160 HP		ENGINE FUEL	765 GALLONS.
		AVAILABLE BETWEEN 10.5 & 85 M.P.H.		BOILER FUEL	
				BOILER WATER	1200 GALLONS.

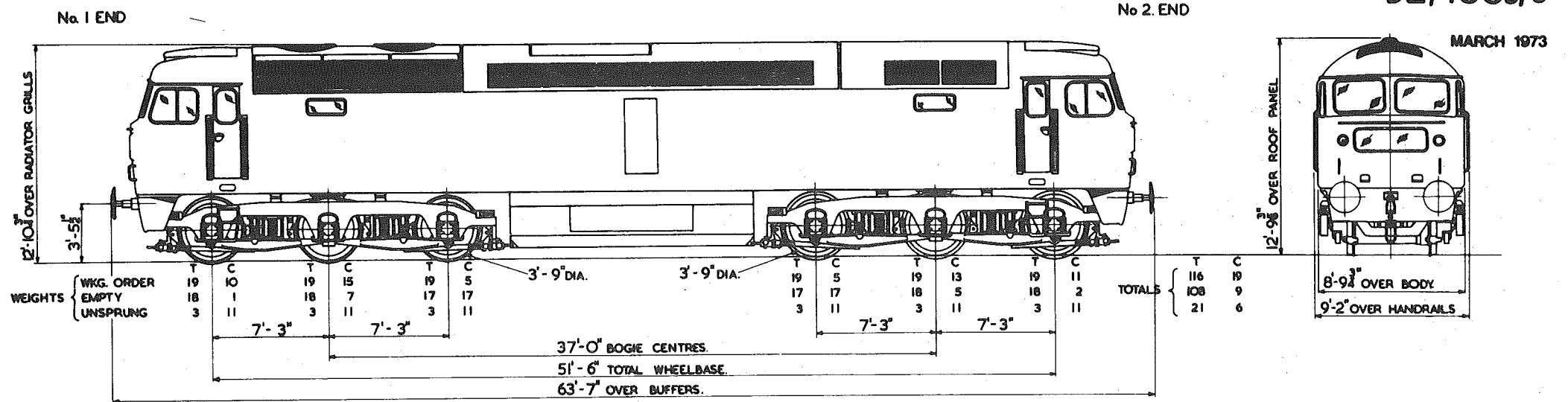
2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA. 28 C. 12 CYL. 4 STROKE. 2750 HP AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	{ MAKE & TYPE. No.	BRUSH TG.172-50 MK.1. BRUSH TM. 64-68 MK.I.A.	SPEED.	MAX PERMITTED SERVICE SPEED.	84.8 % 95 MPH
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 23.6 % ADHESION AT 7500 AMPS. MAIN GENERATOR.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS. 3.75 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 27 M.P.H. AT 4,260 AMPS. MAIN GENERATOR. 2160 HP AVAILABLE BETWEEN 10.5 & 85 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR BR.4625. 2750 LB./HR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS. 1200 GALLONS.

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

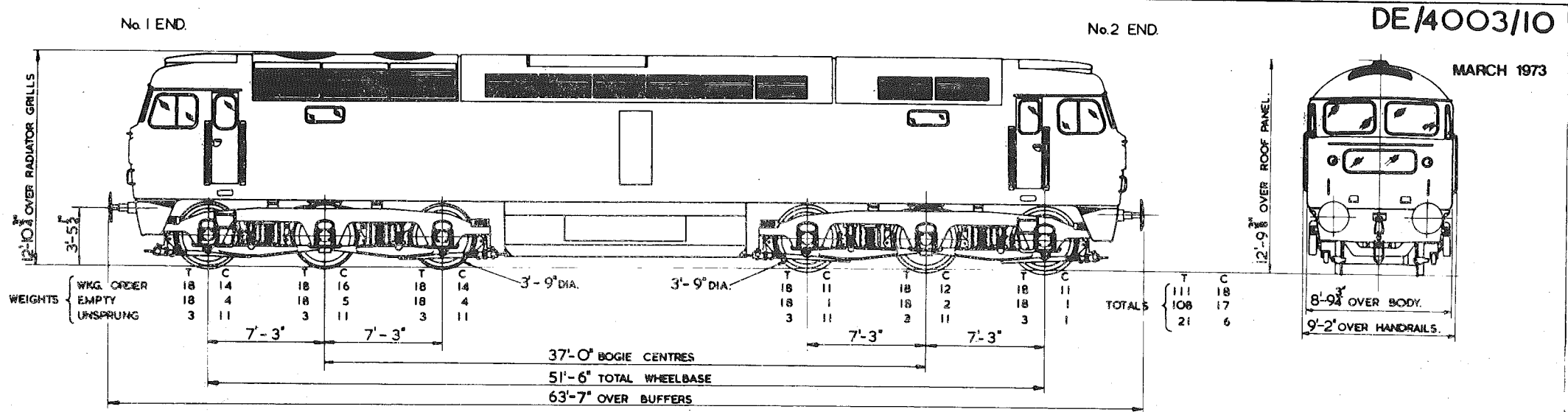
CLASS 47



ENGINE.	MAKE & TYPE.	SULZER 12 L.D.A. 28 C.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.	
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	85.1%.	
	MAX. CONT. RATED OUTPUT.	2750 H.P. AT 800 R.P.M.				
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG.172 - 50 MK.I.	SPEED.	MAX. PERMITTED SERVICE SPEED.	95 M.P.H.	
	MAKE & TYPE.	BRUSH TM.64 - 68 MK.I.A.		MINIMUM RADIUS CURVES. { HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 1/2 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS.	
TRACTION MOTORS.	No.	SIX.				3.75 CHAINS.
	TYPE OF SUSPENSION.	NOSE.				10 CHAINS.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	10 CHAINS.	
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 236% ADHESION AT 7500 AMPS. MAIN GENERATOR.			CLAYTON MK. II.	
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 M.P.H. AT 4260 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	2,500 LB./HR.	
	RAIL H.P. AT CONT. RATING.	2160 H.P.			765 GALLONS.	
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.5 & 85 M.P.H.			1200 GALLONS.	

**2750 H.P. BRUSH TYPE 4 C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47**

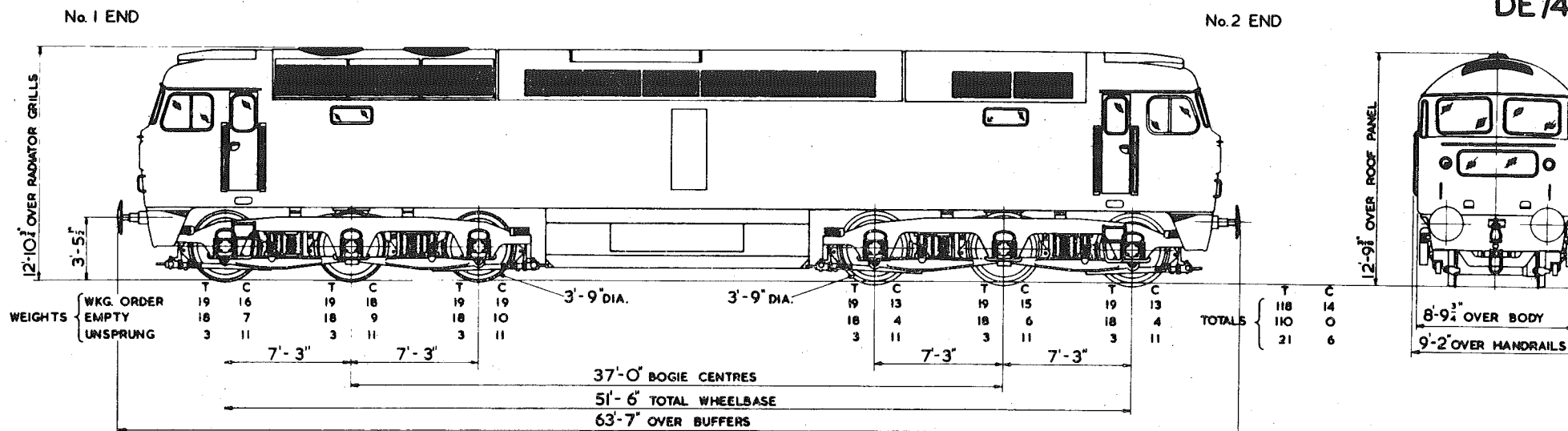




ENGINE.	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA. 28 C. 12 CYL 4 STROKE. 2750 H.P. AT 800 R.P.M.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG 172-50 MK. I	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	88.9%	
TRACTION MOTORS	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH TM 64-68 MK. I.A. SIX. NOSE. STRAIGHT SPUR.	SPEED.	MAX PERMITTED SERVICE SPEED.	95 M.P.H.
PERFORMANCE.	MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	62,000 LB. AT 24.7% ADHESION AT 7500 AMPS. MAIN GENERATOR. 30,000 LB. AT 27 M.P.H. AT 4260 AMPS. MAIN GENERATOR. 2160 H.P. AVAILABLE BETWEEN 10.5 & 85 M.P.H.	MINIMUM RADIUS CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH $\frac{3}{4}$ IN. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS. 3.75 CHAINS. 10 CHAINS. 10 CHAINS.
			TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS.

### 2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

#### CLASS 47



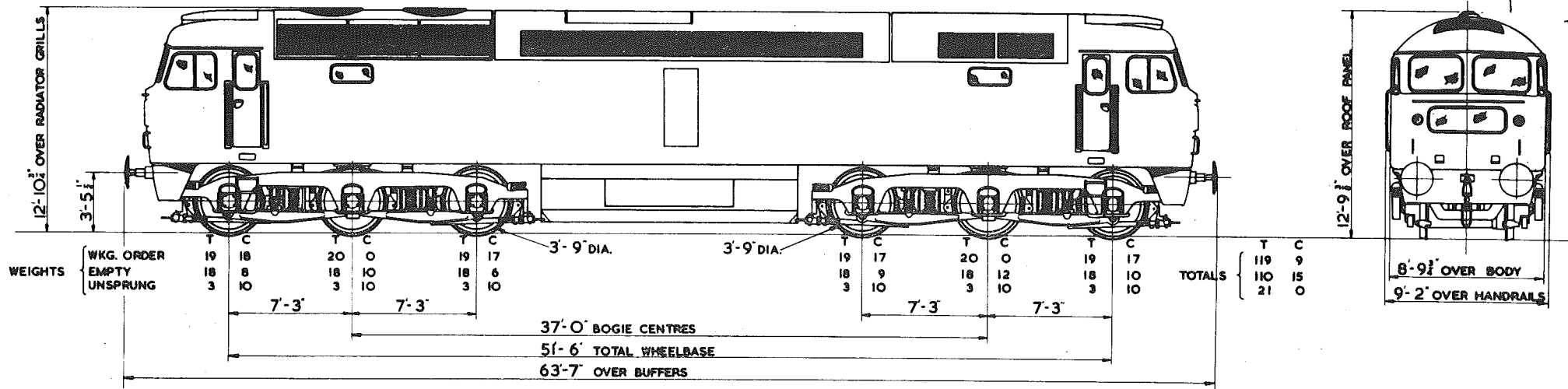
ENGINE	MAKE & TYPE	SULZER 12 L.D.A. 28 C.	BRAKING	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTO. AIR
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	AUTO. AIR & AIR CONT. VAC.
	MAX. CONT. RATED OUTPUT.	2750 H.P. AT 800 R.P.M.			83.8%
MAIN GENERATOR	MAKE & TYPE	BRUSH TG.172-50 MK. I.	SPEED	MAX. PERMITTED SERVICE SPEED	95 M.P.H.
TRACTION MOTORS	MAKE & TYPE	BRUSH TM.64-68 MK. I.A.	MINIMUM RADIUS CURVES	HORIZONTAL WITHOUT GAUGE WIDENING	4 CHAINS
	No.	SIX		HORIZONTAL WITH 3/4 INS. GAUGE WIDENING	3.75 CHAINS
	TYPE OF SUSPENSION	NOSE		VERTICAL CONVEX	10 CHAINS
	TYPE OF GEAR DRIVE	STRAIGHT SPUR	TRAIN HEATING EQUIPMENT	VERTICAL CONCAVE	10 CHAINS
	MAX. TRACTIVE EFFORT	62,000 LB. AT 23.3% ADHESION AT 7500 AMPS. MAIN GENERATOR	TANK CAPACITIES	BOILER MAKE & TYPE	SPANNER MK. III
PERFORMANCE	CONT. TRACTIVE EFFORT	30,000 LB. AT 27 M.P.H. AT 4260 AMPS. MAIN GENERATOR	(ENGINE FUEL BOILER FUEL BOILER WATER	STEAMING CAPACITY	1850 LB/HR.
	RAIL H.P. AT CONT. RATING	2160 H.P.			765 GALLONS
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10.5 & 85 M.P.H.			1250 GALLONS

**2750 H.P. BRUSH TYPE 4 C-C DIESEL ELECTRIC LOCOMOTIVE  
CLASS 47**

No. 1 END

No. 2 END

MARCH 1973 DE/4003/13

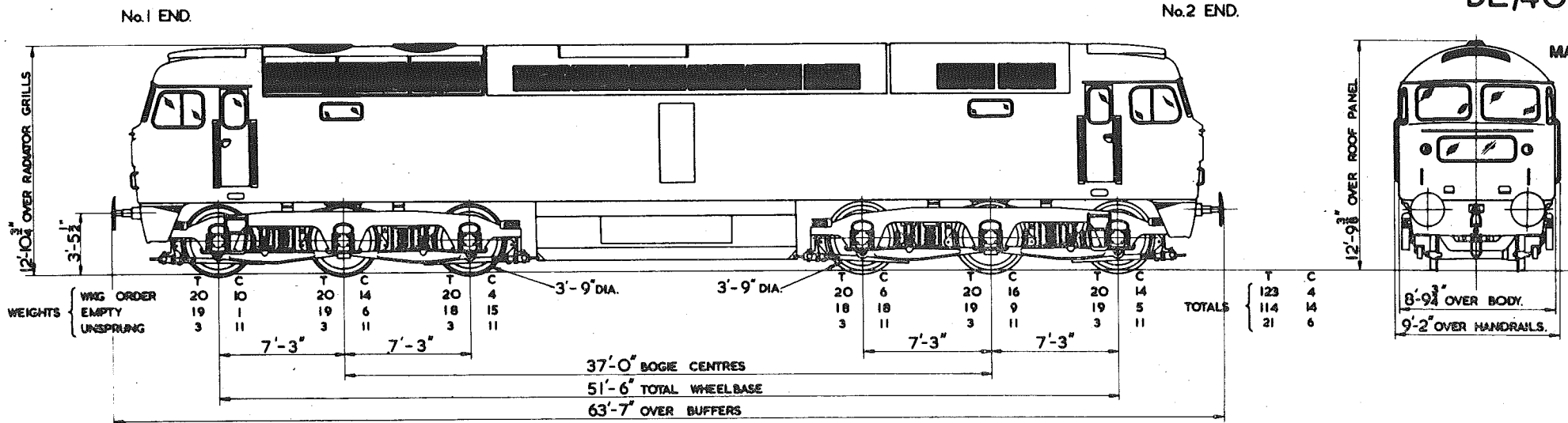


ENGINE	MAKE & TYPE No. OF CYLS & CYCLE MAX. CONT. RATED OUTPUT	SULZER 12 LDA 28C 12 CYL; 4 STROKE 2750 H.P. AT 800 R.P.M.	BRAKING	TYPE { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO AIR AUTO AIR & AIR CONT. VAL
MAIN GENERATOR	MAKE & TYPE No.	BRUSH TG 160-60 BRUSH TM 64-68 SIX	SPEED	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER	83.2%
TRACTION MOTORS	TYPE OF SUSPENSION TYPE OF GEAR DRIVE MAX. TRACTIVE EFFORT	NOSE STRAIGHT SPUR 55,000 LB. AT 20.6% ADHESION AT 3,390 AMPS MAIN GENERATOR	MINIMUM RADIUS CURVES	MAXIMUM PERMITTED SERVICE SPEED HORIZONTAL WITHOUT GAUGE WIDENING HORIZONTAL WITH 3/4 INS GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE	95 M.P.H. 4 CHAINS 3.75 CHAINS 10 CHAINS 10 CHAINS
PERFORMANCE	CONT. TRACTIVE EFFORT RAIL H.P. AT CONT RATING FULL ENGINE OUTPUT	30,000 LB. AT 27 M.P.H. AT 2,130 AMPS MAIN GENERATOR 2160 H.P. AVAILABLE BETWEEN 12.8 & 85 M.P.H.	TRAIN HEATING EQUIPMENT	BOILER { MAKE & TYPE STEAMING CAPACITY	SPANNER MARK III 2500 LB/HR. BRUSH TG 160-16
			TANK CAPACITIES	ELECTRIC GENERATOR { MAKE & TYPE DRIVEN BY CONT. OUTPUT	MAIN ENGINE 320 KW AT 800 VOLTS
				{ ENGINE FUEL BOILER FUEL BOILER WATER	765 GALLONS 1250 GALLONS

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE  
CLASS 47

DE/4003/14

MARCH 1973



ENGINE.	MAKE & TYPE.	SULZER 12 LDA. 28 C.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR. AUTO AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	30.4%
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2750 H.P. AT 800 R.P.M.	SPEED.	MAX PERMITTED SERVICE SPEED.	95 M.P.H.
	MAKE & TYPE.	BRUSH TG.172-50 MK.I.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM. 64-68 MK.I.A.	CURVES.	HORIZONTAL WITH 3/8 INS. 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	BOILER. { MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR BR. 4625.
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 22.5% ADHESION AT 7500 AMPS. MAIN GENERATOR.	EQUIPMENT.	ELECTRIC GENERATOR. { MAKE & TYPE. DRIVEN BY. CONT OUTPUT.	2750 LB/HR. BRUSH. BL 100-30.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 M.P.H.			MAIN ENGINE.
	RAIL H.P. AT CONT. RATING.	AT 4,260 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	320 KW AT 800 VOLTS.
	FULL ENGINE OUTPUT.	2160 HP AVAILABLE BETWEEN 10.5 & 85 MPH.			765 GALLONS. 1200 GALLONS.

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

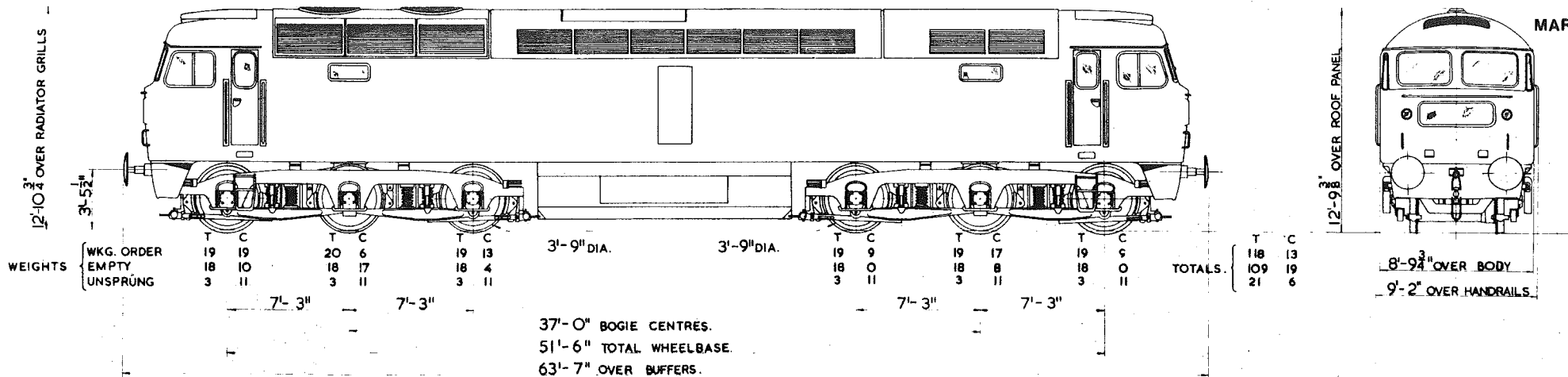
CLASS 47

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No. 2. END

DE/4003/15

MARCH 1973

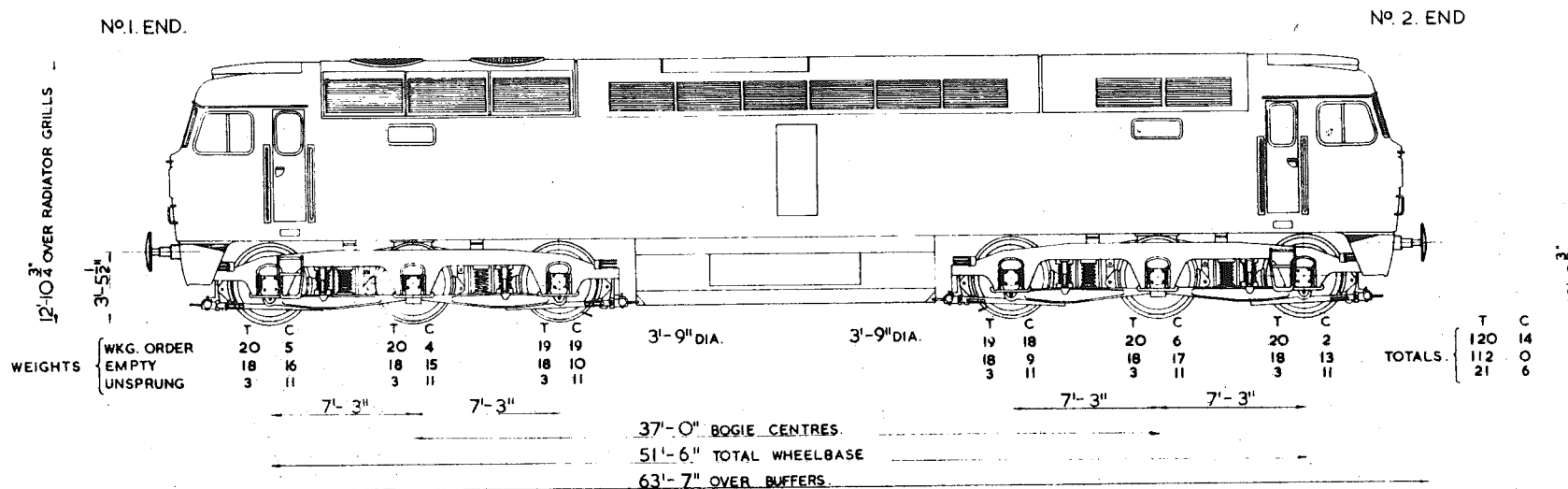


ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA 28C. 12 CYL; 4 STROKE. 2750 HP AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR. AUTO AIR & AIR CONT VAL
MAIN GENERATOR.	{ MAKE & TYPE.	BRUSH TG 160-60 MK. 2.	SPEED	{ BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	83-9%.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	BRUSH TM 64-68 MK. 1. SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 23.3% ADHESION AT 3750 AMPS. MAIN GENERATOR.	MINIMUM RADIUS CURVES.	{ MAX. PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	95 M.P.H. 4 CHAINS. 3.75 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 27 MPH. AT 2,130 AMPS. MAIN GENERATOR. 2160 HP AVAILABLE BETWEEN 10.5 & 85 MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER. { MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III. 1850 LB/HR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS. 1250 GALLONS.

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47/1

DE/4003/16

MARCH 1973

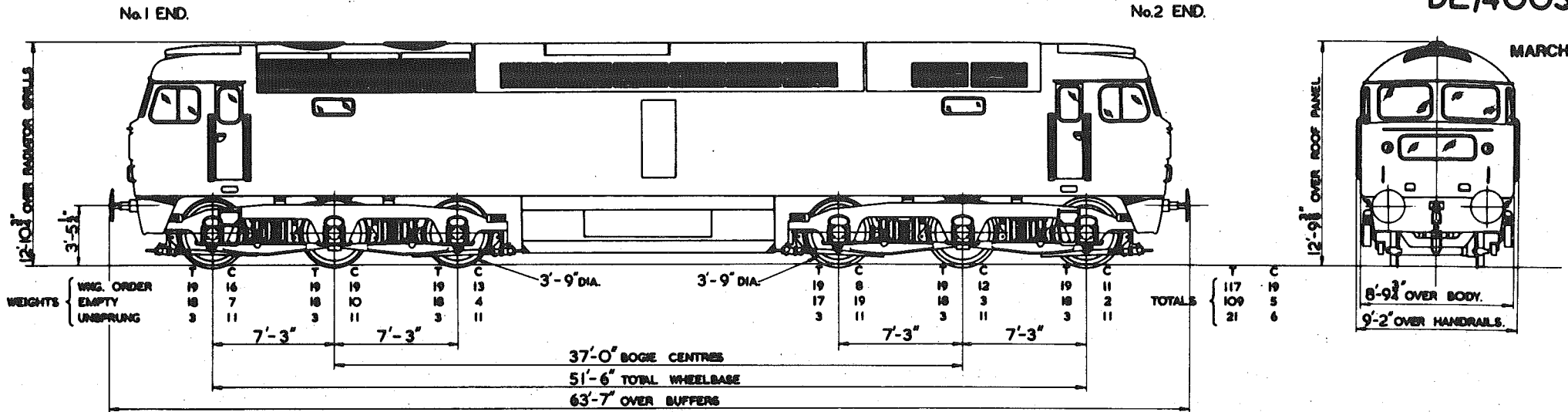


ENGINE.	MAKE & TYPE. No. OF CYLS & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA 28C 12 CYL; 4 STROKE 2750 HP AT 800 RPM.	BRAKING.	TYPE. { FOR LOCO FOR TRAIN	STRAIGHT AIR & AUTO AIR. AUTO. AIR & AIR CONT. VAC
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG 160-60 MK.2.	SPEED.	BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER	82.5 %.
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	BRUSH TM 64-68 MK.1. SIX NOSE STRAIGHT SPUR 62,000 LB. AT 22.9% ADHESION AT 3,750 AMPS. MAIN GENERATOR	MINIMUM RADIUS CURVES.	MAX PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS GAUGE WIDENING VERTICAL CONVEX VERTICAL CONCAVE.	95 M.P.H. 4 CHAINS. 3.75 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 27 MPH. AT 2,130 AMPS. MAIN GENERATOR 2160 HP AVAILABLE BETWEEN 10.5 & 85 MPH.	TRAIN HEATING EQUIPMENT.	BOILER. { MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III 1850 LB/HR. BRUSH. BL. 100-30. MAIN ENGINE. 320 KW AT 800 VOLTS.
			TANK CAPACITIES.	ELECTRIC ALTERNATOR. { MAKE & TYPE. DRIVEN BY. CONT. OUTPUT.	765 GALLONS, 1250 GALLONS.
				{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	

**2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.  
CLASS 47/3**

DE/4003/17

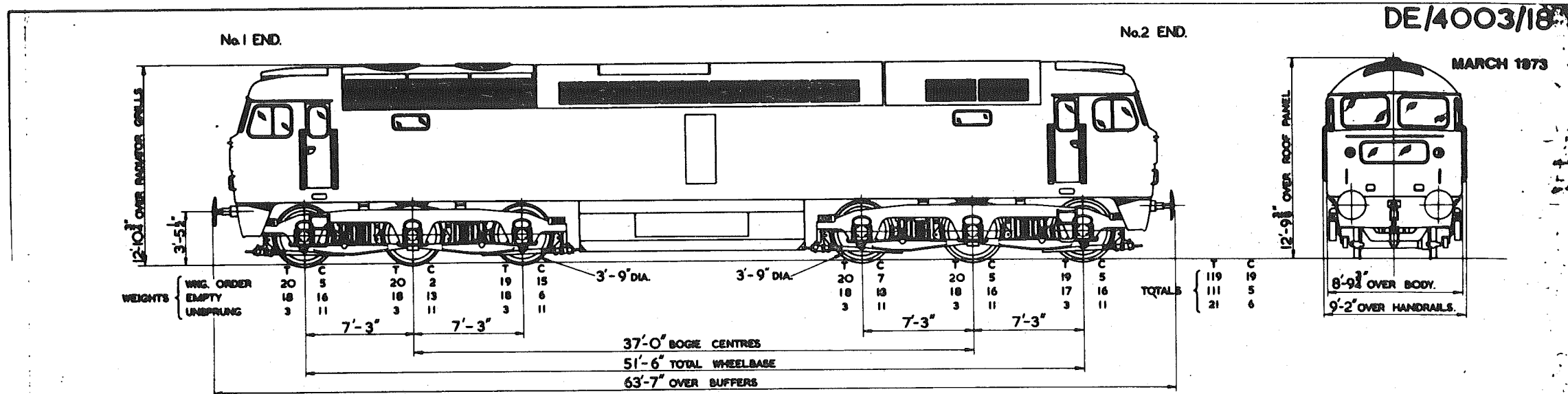
MARCH 1973



ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28 C.	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.	2750 HP AT 800 R.P.M.			84.3%
	MAKE & TYPE.	BRUSH TG 160-60 MK.4.	SPEED.	MAX PERMITTED SERVICE SPEED.	95 MPH.
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM 64-68 MK.I.A.		HORIZONTAL WITHOUT GAUGE WIDENING.	4 CHAINS.
	No.	SIX.	MINIMUM RADIUS	HORIZONTAL WITH 3/4 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 23.5% ADHESION AT 3750 AMPS. MAIN GENERATOR.	TRAIN HEATING	BOILER. { MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 MPH.	EQUIPMENT.		1850 LB/HR.
	RAIL H.P. AT CONT. RATING.	AT 2,130 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS.
	FULL ENGINE OUTPUT.	2160 H.P.			1250 GALLONS.
		AVAILABLE BETWEEN 10.5 & 85 MPH.			

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47

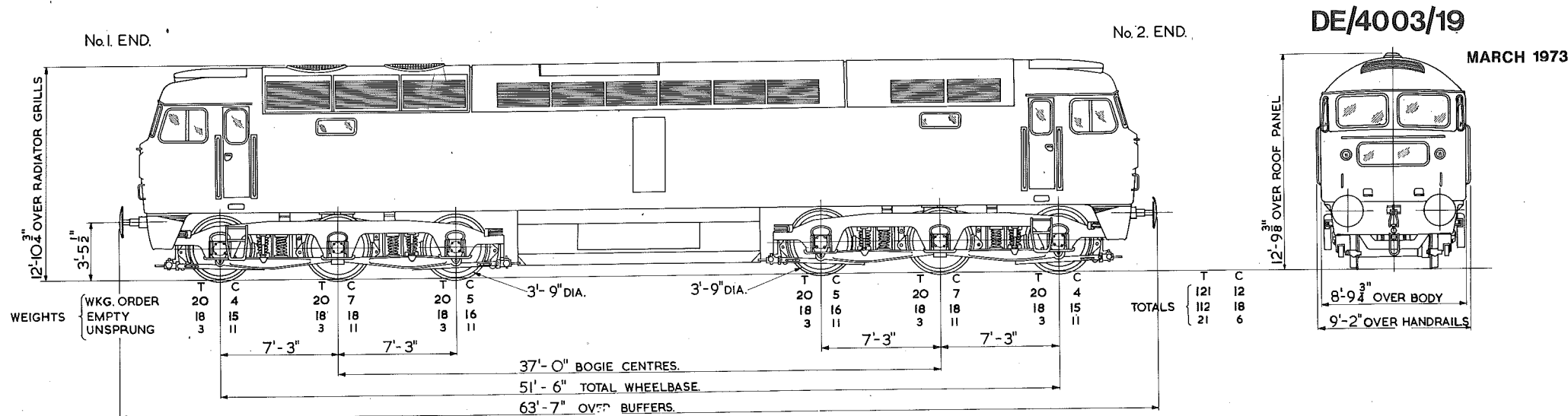


ENGINE.	MAKE & TYPE.	SULZER 12 LDA. 28 C.	BRAKING.	TYPE.	{ FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTO AIR AUTO AIR & AIR CONT. VAC.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE.	{ % OF LOCO WEIGHT IN WORKING ORDER.	82.9%.
MAIN GENERATOR.	MAX. CONT. RATED OUTPUT.	2750 HP AT 800 RPM.	SPEED.	MAX PERMITTED SERVICE SPEED.		95 M.P.H.
	MAKE & TYPE.	BRUSH TG 160-60 MK.4.	MINIMUM RADIUS CURVES.	HORIZONTAL WITHOUT GAUGE WIDENING.		4 CHAINS.
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM 64-68 MK.I.A.		HORIZONTAL WITH 3/4 INS 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 III. 1850 LB/HR.
	MAX. TRACTIVE EFFORT.	62,000 LB. AT 23.1% ADHESION AT 3750 AMPS. MAIN GENERATOR.		ELECTRIC GENERATOR.	{ MAKE & TYPE. DRIVEN BY. CONT. OUTPUT.	BRUSH. BL 100-30. MAIN ENGINE. 320 KW AT 800 VOLTS.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,000 LB. AT 27 MPH. AT 2,130 AMPS. MAIN GENERATOR.	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.		765 GALLONS. 1250 GALLONS.
	RAIL H.P. AT CONT. RATING.	2160 H.P.				
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10.5 & 85 M.P.H.				

**2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.**

**CLASS 47**

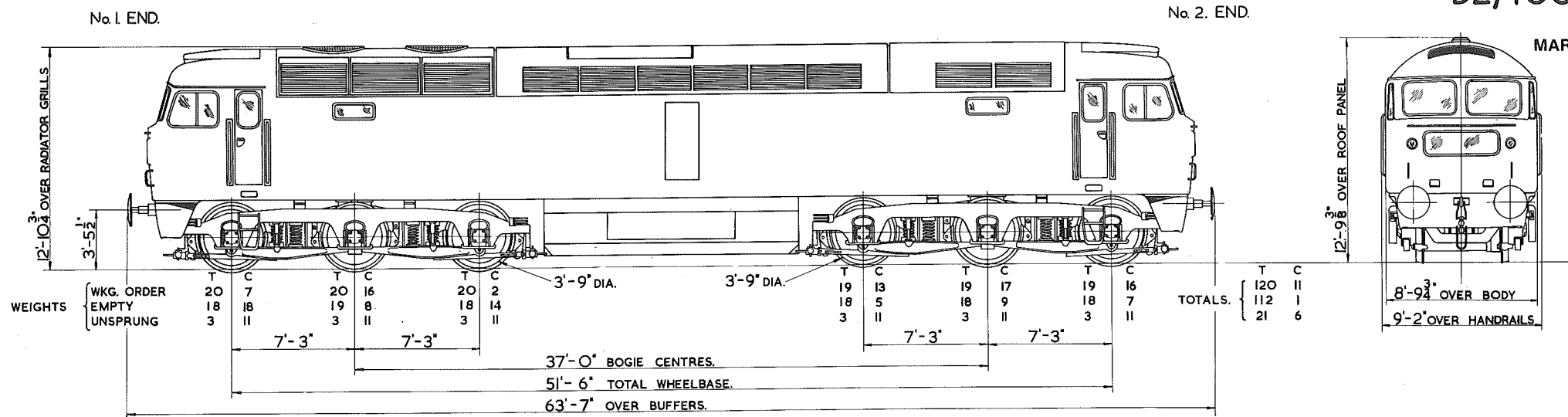




ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12LDA 28C. 12 CYLS. 4 STROKE. 2750 H.P. AT 800 R.P.M.	BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC. 81.9%.
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH TG.172-50 MK.I. BRUSH TM. 64-68MK.IA.	SPEED.	{ MAX PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING.	95 M.P.H. 4 CHAINS.
TRACTION MOTORS.	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 22.8% ADHESION	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE	3.75 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	AT 7,500 AMPS. MAIN GENERATOR. 30,000 LB. AT 27 M.P.H. AT 4,260 AMPS. MAIN GENERATOR. 2160 H.P. AVAILABLE BETWEEN 10.5 & 85 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER. { MAKE & TYPE. STEAMING CAPACITY. ELECTRIC ALTERNATOR { MAKE & TYPE. DRIVEN BY. CONT. OUTPUT.	SPANNER MARK III. 1850 LB/HR. BRUSH. BL 100-30. 320 KW AT 800 VOLTS
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	765 GALLONS. 1250 GALLONS.

2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47/3



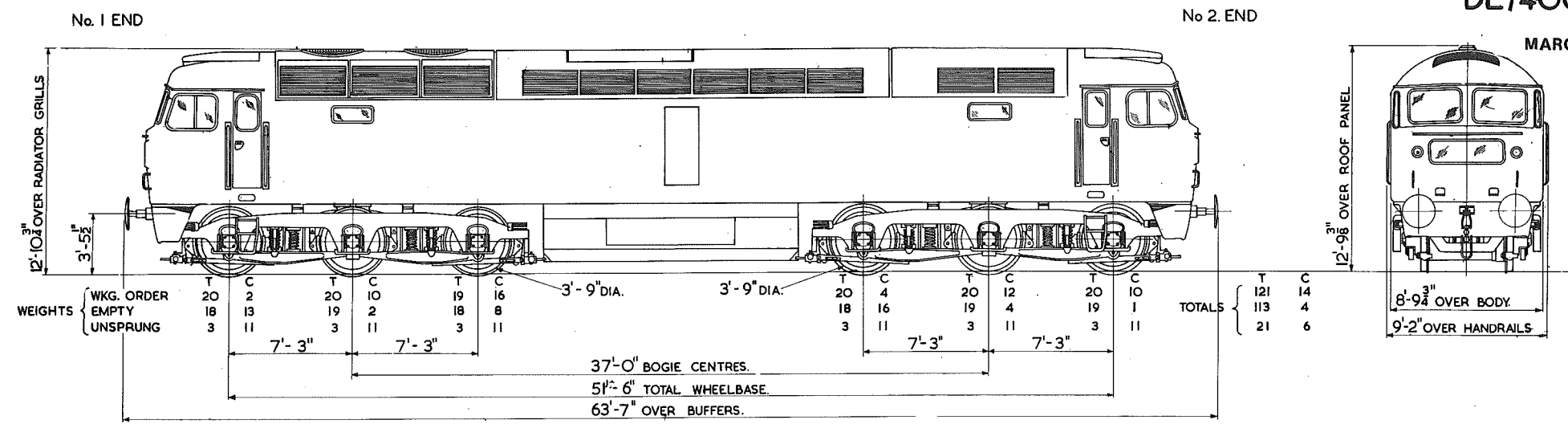
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 L.DA. 28 C. 12 CYL 4 STROKE. 2750 H.P AT 800 R.P.M.	BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC 82.6 %.
MAIN GENERATOR.	{ MAKE & TYPE.	T.G. 172 - 50 MK. I.	SPEED.	MAX PERMITTED SERVICE SPEED.	95 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	T.M. 64 - 68 MK. IA. SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 23 % ADHESION AT 7500 AMPS. MAIN GENERATOR.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 CHAINS. 3.75 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 27 M.P.H. AT 4260 AMPS. MAIN GENERATOR. 2160 H.P. AVAILABLE BETWEEN 10.5 & 85 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER. { MAKE & TYPE. STEAMING CAPACITY. ELECTRIC GENERATOR. { MAKE & TYPE. DRIVEN BY. CONT OUTPUT.	BRUSH. BL 100 - 30. MAIN ENGINE. 320 KW AT 800 VOLTS. 765 GALLONS.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. WATER. (FOR URINAL).	1200 GALLONS.

2750 H.P. BRUSH TYPE 4. G-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47

DE/4003/21.

MARCH 1973



ENGINE. MAKE & TYPE. SULZER 12 L.D.A. 28 C.  
 No. OF CYLS. & CYCLE. 12 CYL 4 STROKE.  
 MAX CONT. RATED OUTPUT. 2750 H.P. AT 800 R.P.M.

MAIN GENERATOR. MAKE & TYPE. BRUSH TG.172 - 50 MK.I.

TRACTION MOTORS. MAKE & TYPE. BRUSH TM.64 - 68 MK.I.A.  
 No. SIX.  
 TYPE OF SUSPENSION. NOSE.  
 TYPE OF GEAR DRIVE. STRAIGHT SPUR.  
 MAX. TRACTIVE EFFORT. 62,000 LB. AT 22.7% ADHESION  
 AT 7500 AMPS. MAIN GENERATOR.

PERFORMANCE. CONT. TRACTIVE EFFORT. 30,000 LB. AT 27 M.P.H.  
 AT 4260 AMPS. MAIN GENERATOR.  
 RAIL HP AT CONT. RATING. 2160 H.P.  
 FULL ENGINE OUTPUT. AVAILABLE BETWEEN 10.5 & 85 M.P.H.

BRAKING. TYPE. { FOR LOCO.  
 FOR TRAIN.  
 BRAKE FORCE. { % OF LOCO WEIGHT  
 IN WORKING ORDER.  
 81.8 %.

SPEED. MAX PERMITTED SERVICE SPEED. 95. M.P.H.

MINIMUM RADIUS OF CURVES. { HORIZONTAL WITHOUT GAUGE WIDENING. 4 CHAINS.  
 HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. 3.75 CHAINS.  
 VERTICAL CONVEX. 10 CHAINS.  
 VERTICAL CONCAVE. 10 CHAINS.

TRAIN HEATING EQUIPMENT. BOILER. { MAKE & TYPE. CLAYTON MK II.  
 STEAMING CAPACITY. 2500 LB/HR.  
 ELECTRIC GENERATOR. { MAKE & TYPE. BRUSH. BL 100-30  
 DRIVEN BY MAIN ENGINE.  
 CONT OUTPUT. 320 KW AT 800 VOLTS.

TANK CAPACITIES. { ENGINE FUEL. 765 GALLONS.  
 BOILER FUEL. 1200 GALLONS.  
 BOILER WATER.

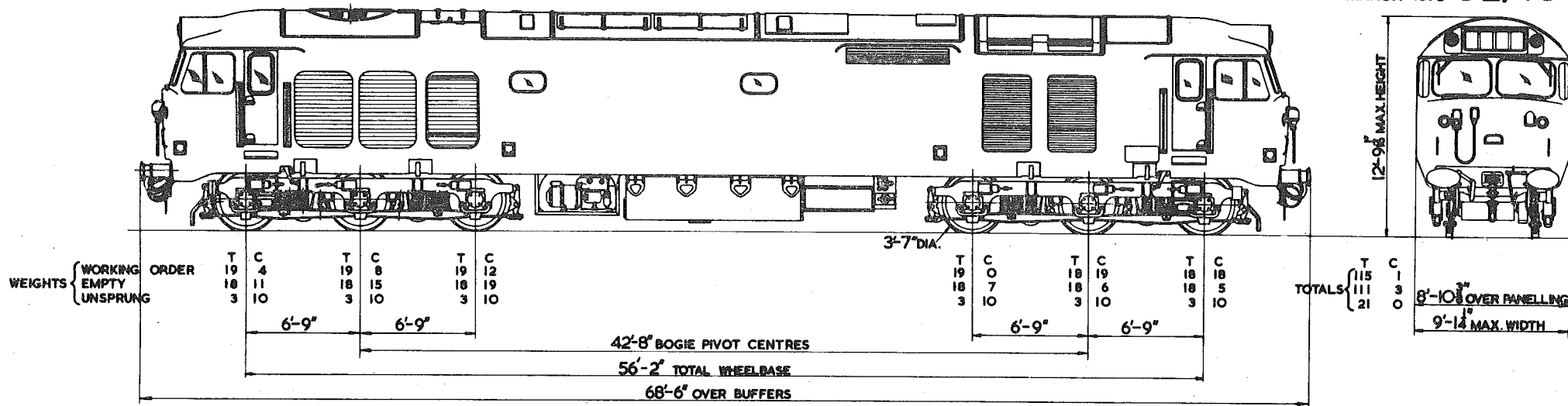
2750 H.P BRUSH TYPE 4 C-C DIESEL ELECTRIC LOCOMOTIVE.

CLASS 47



No 1 END

MARCH 1973 DE/4004/1



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

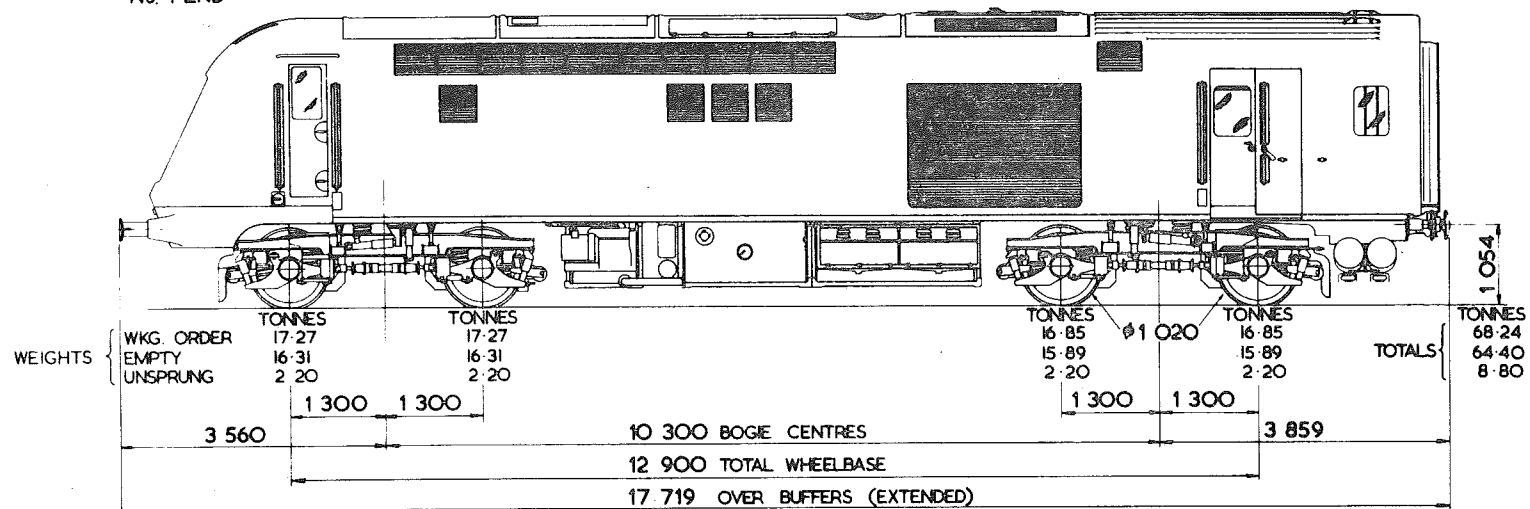
2700 H.P. E.E. Co. TYPE 4 C-C DIESEL ELECTRIC LOCOMOTIVE  
CLASS 50

No. 1 END

No. 2 END

MARCH 1973

DE/4006/1



ENGINE.	MAKE & TYPE	RUSTON-PAXMAN 12 RP 200L.	BRAKING.	TYPE. { FOR POWER CAR. FOR TRAIN.	AUTO. AIR.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.			AUTO. AIR.
	MAX. CONT. RATED OUTPUT.	1 680kW.		BRAKE FORCE. % OF CAR { 0-145 km/h.	50 %
MAIN ALTERNATOR.	MAKE & TYPE.	BRUSH BL 91-32.	SPEED.	WEIGHT IN WORKING ORDER. { 145-200 km/h.	34 %
	MAKE & TYPE.	BRUSH TMH 68-46.		MAX. PERMITTED SERVICE SPEED.	200 km/h.
TRACTION MOTORS.	No.	FOUR.	MINIMUM RADIUS	HORIZONTAL WITHOUT GAUGE WIDENING.	80m.
	TYPE OF SUSPENSION.	FULLY SUSPENDED.	CURVES.	HORIZONTAL WITH 20mm GAUGE WIDENING.	65m.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		VERTICAL CONVEX.	200m.
	MAX. TRACTIVE EFFORT.	80 000N AT 12% ADHESION	TRAIN HEATING	VERTICAL CONCAVE.	200m.
	CONT. TRACTIVE EFFORT.	45 950N AT 103.3 km/h	EQUIPMENT.	ELECTRIC ALTERNATOR MAKE & TYPE.	BRUSH BL 91-20.
PERFORMANCE.	POWER AT RAIL (CONT. RATING).	1 320kW.	TANK CAPACITY.	DRIVEN BY.	ENGINE.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 56 & 200 km/h.		CONT. OUTPUT.	280kW AT 900 V.
				ENGINE FUEL.	5 680 LITRES.

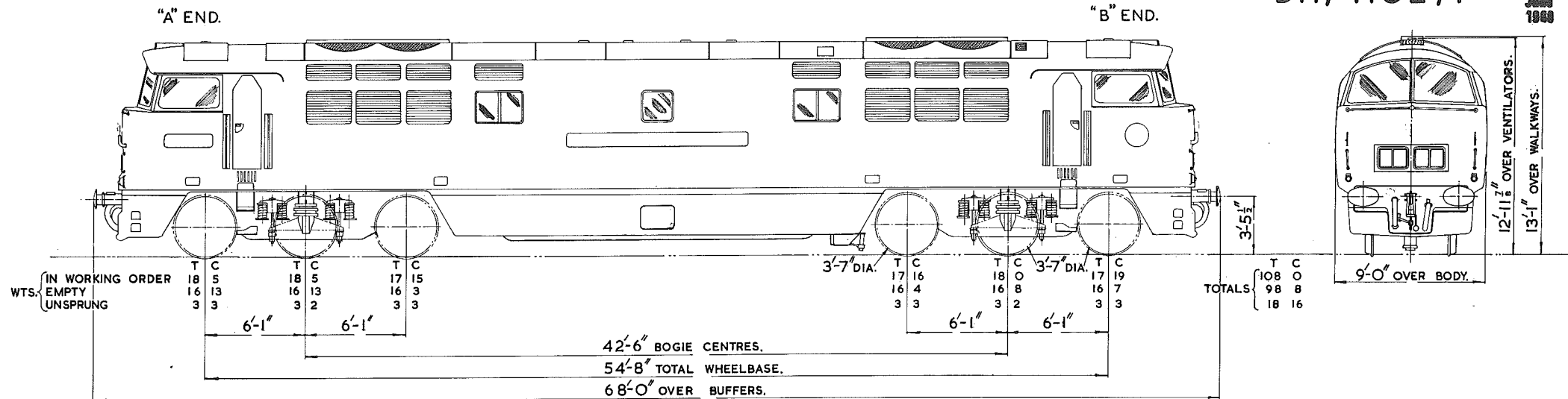
1 680kW B.R. Bo-Bo DIESEL ELECTRIC POWER CAR.

CLASS 41



DH/4102/1

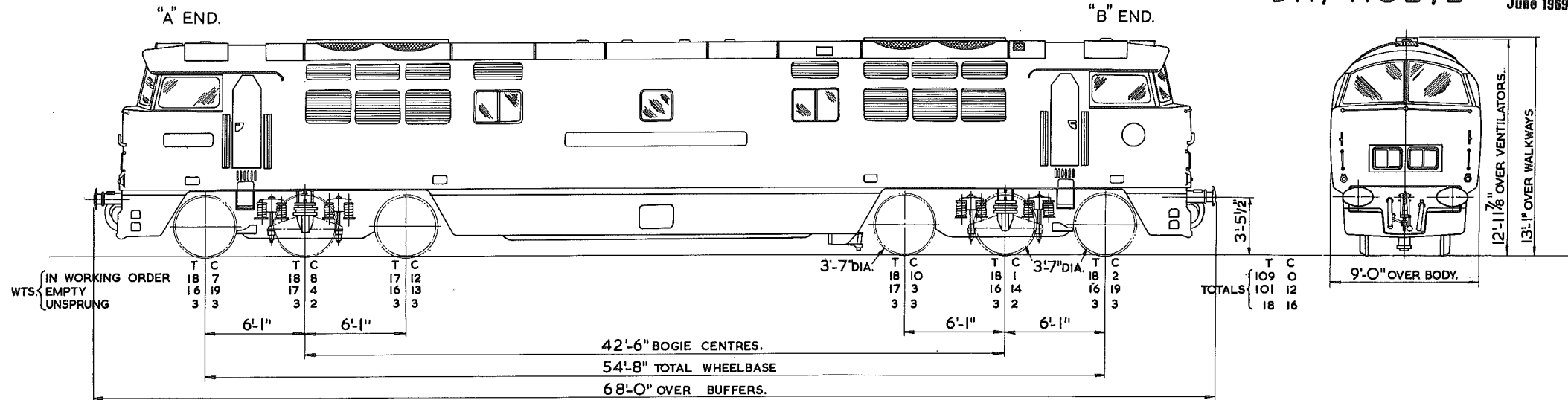
June 1988



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO, MAYBACH M D 655. 12 CYLS. 4 STROKE. 1350 H.P. AT 1500 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	VOITH L6-30 r.v.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS. 4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	66770 LB. AT 27.6% ADHESION. 45200 LB. AT 14.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLO. 1500 LB./HOUR.
BRAKING.	{ TYPE { FOR LOCO.. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 76.58 %	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	850 GALLS. 980 GALLS.

**2700 H.P. B.R. TYPE 4 C-C DIESEL HYDRAULIC LOCOMOTIVE.  
CLASS 52**





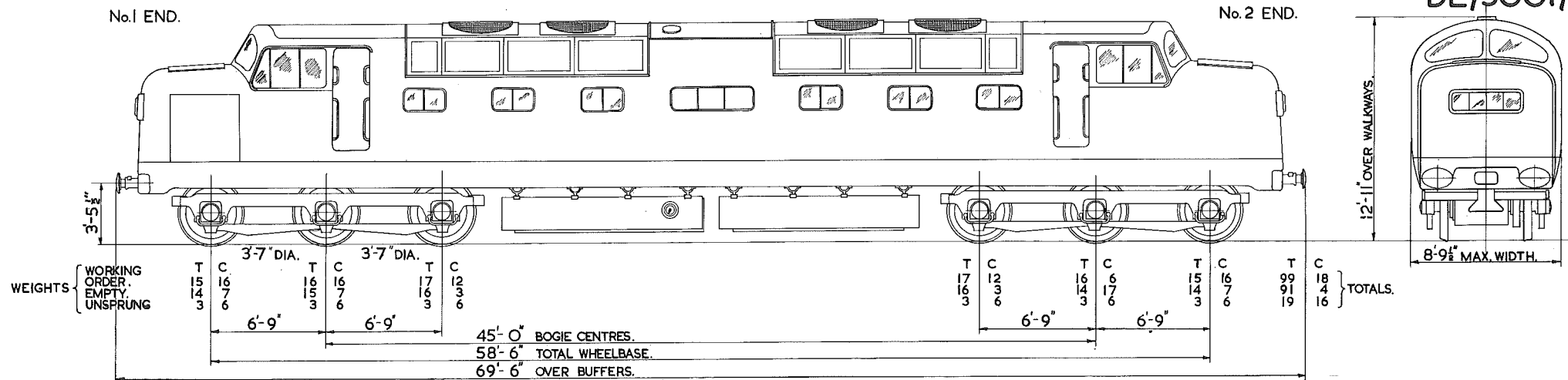
ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO MAYBACH M D 655. 12 CYLS. 4 STROKE. 1350 H.P. AT 1500 R.P.M.	SPEED.	{ MAX. PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.	90 M.P.H. 4.5 CHAINS. 4.2 CHAINS.
TRANSMISSION.	{ TYPE & OTHER PARTICULARS. MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	VOITH L6-30 V. 67390 LB. AT 27.6 % ADHESION. 45200 LB. AT 14.5 M.P.H.	MINIMUM RADIUS CURVES.	{ VERTICAL CONVEX. VERTICAL CONCAVE.	10 CHAINS. 10 CHAINS.
PERFORMANCE.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	STRAIGHT AIR & AUTO. AIR. AUTO. AIR & AIR CONT. VAC. 75.87 %	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLOW. 1500 LB./HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	850 GALLS. 800 GALLS.

**2700 H.P. B.R. TYPE 4 C-C DIESEL HYDRAULIC LOCOMOTIVE.  
CLASS 52.**



DE/5001/1

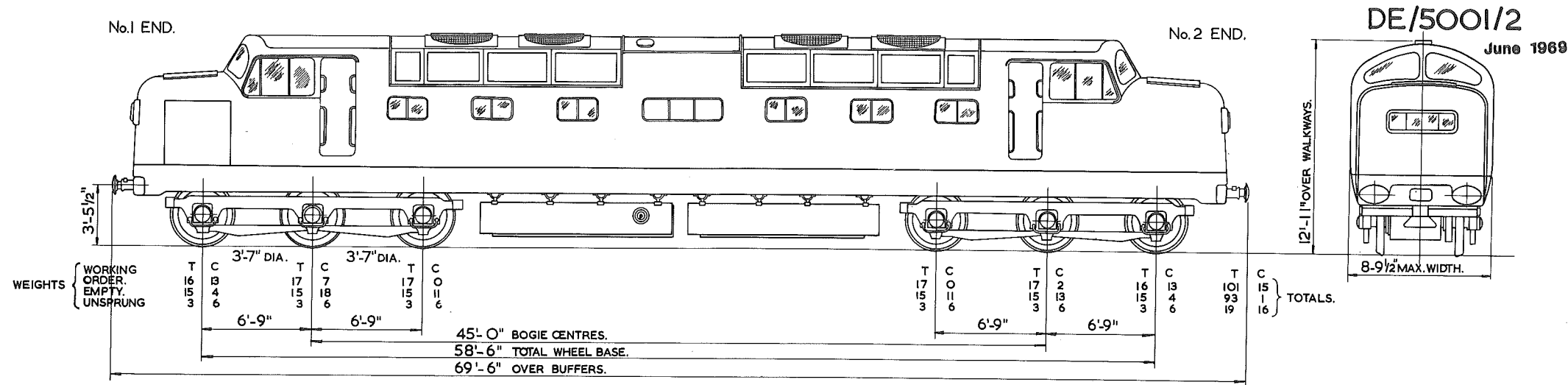
June 1969



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO NAPIER DELTIC 18. 18 CYLS.(OPPOSED PISTONS) PER ENG. 2 STROKE. 1650 H.P. AT 1500 R.P.M.	BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM.
MAIN GENERATOR.	{ No. MAKE & TYPE. MAKE & TYPE.	TWO ENGLISH ELECTRIC. TYPE E.E. 829. ENGLISH ELECTRIC. E.E. 538.	SPEED.	MAX. PERMITTED SERVICE SPEED.	86 %.
TRACTION MOTORS.	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. SINGLE REDUCTION. 50,000 LB. AT 22.3% ADHESION. AT 2400 AMPS. MAIN GENERATORS.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	100 M.P.H. 4 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,500 LB. AT 32.5 M.P.H. AT 1650 AMPS MAIN GENERATORS. 2,640 H.P. AVAILABLE BETWEEN 18.5 & 100 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER MK. II. 1500 LB./HR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	900 GALLS. 640 GALLS.

**3300 H.P. E.E. TYPE 5 C-C DIESEL ELECTRIC LOCOMOTIVE.**

**CLASS 55**



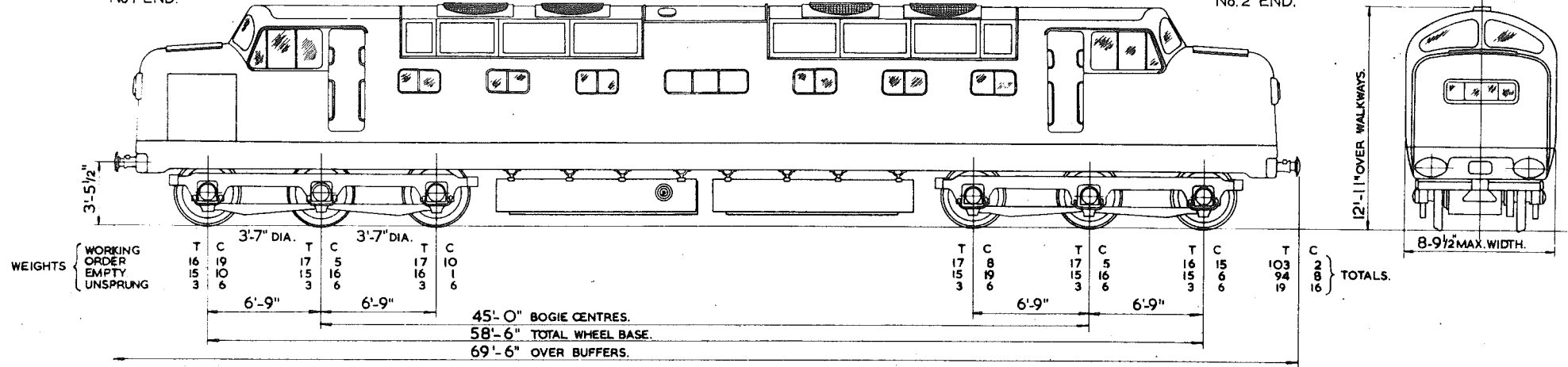
ENGINE.	<ul style="list-style-type: none"> <li>No. MAKE &amp; TYPE.</li> <li>No. OF CYLS. &amp; CYCLE.</li> <li>MAX. CONT. RATED OUTPUT.</li> </ul>	<ul style="list-style-type: none"> <li>TWO NAPIER DELTIC 18.</li> <li>18 CYLS (OPPOSED PISTONS) PER ENG. 2 STROKE.</li> <li>1650 H.P. AT 1500 R.P.M.</li> </ul>	BRAKING.	<ul style="list-style-type: none"> <li>TYPE. { FOR LOCO.</li> <li>          { FOR TRAIN.</li> <li>BRAKE FORCE { % OF LOCO. WEIGHT</li> <li>                  { IN WORKING ORDER.</li> </ul>	STRAIGHT AIR & AUTO AIR.
MAIN GENERATOR.	<ul style="list-style-type: none"> <li>No. MAKE &amp; TYPE.</li> </ul>	<ul style="list-style-type: none"> <li>TWO ENGLISH ELECTRIC. TYPE E.E. 829.</li> </ul>	SPEED.	<ul style="list-style-type: none"> <li>MAX. PERMITTED SERVICE SPEED.</li> </ul>	AUTO AIR & AIR CONT. VAC.
TRACTION MOTORS.	<ul style="list-style-type: none"> <li>MAKE &amp; TYPE.</li> <li>No.</li> <li>TYPE OF SUSPENSION.</li> <li>TYPE OF GEAR DRIVE.</li> <li>MAX. TRACTIVE EFFORT.</li> </ul>	<ul style="list-style-type: none"> <li>ENGLISH ELECTRIC. E.E. 538.</li> <li>SIX.</li> <li>NOSE.</li> <li>SINGLE REDUCTION.</li> <li>50,000 LB. AT 21.9% ADHESION.</li> <li>AT 2400 AMPS. MAIN GENERATORS.</li> <li>30,500 LB. AT 32.5 M.P.H.</li> <li>AT 1,650 AMPS. MAIN GENERATORS.</li> <li>2,640 H.P.</li> <li>AVAILABLE BETWEEN 18.5 &amp; 100 M.P.H.</li> </ul>	MINIMUM RADIUS CURVES	<ul style="list-style-type: none"> <li>HORIZONTAL WITHOUT GAUGE WIDENING.</li> <li>HORIZONTAL WITH 3/4 INS. GAUGE WIDENING.</li> <li>VERTICAL CONVEX.</li> <li>VERTICAL CONCAVE.</li> </ul>	4 CHAINS.
PERFORMANCE	<ul style="list-style-type: none"> <li>CONT. TRACTIVE EFFORT.</li> <li>RAIL H.P. AT CONT. RATING.</li> <li>FULL ENGINE OUTPUT.</li> </ul>	<ul style="list-style-type: none"> <li>30,500 LB. AT 32.5 M.P.H.</li> <li>2,640 H.P.</li> <li>AVAILABLE BETWEEN 18.5 &amp; 100 M.P.H.</li> </ul>	TRAIN HEATING EQUIPMENT	<ul style="list-style-type: none"> <li>{ BOILER MAKE &amp; TYPE.</li> <li>{ STEAMING CAPACITY.</li> </ul>	11 CHAINS.
			TANK CAPACITIES	<ul style="list-style-type: none"> <li>{ ENGINE FUEL.</li> <li>{ BOILER FUEL.</li> <li>{ BOILER WATER.</li> </ul>	1500 LB/HR.
					900 GALLONS.
					640 GALLONS.

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

No.1 END.

No.2 END.

MARCH 1973 DE/5001/3



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. AUTO AIR & AIR CONT. VAC
MAIN GENERATOR.	{ MAX. CONT. RATED OUTPUT. No. MAKE & TYPE.	1650 H.P. AT 1500 R.P.M. TWO ENGLISH ELECTRIC. TYPE E.E. 829.	SPEED.	{ BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	83.2%.
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.	MINIMUM RADIUS CURVES	{ MAX. PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. VERTICAL CONVEX VERTICAL CONCAVE	100 M.P.H. 4 CHAINS. 3.8 CHAINS 11 CHAINS 11 CHAINS
PERFORMANCE	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	30,500 LB. AT 32.5 M.P.H. AT 1,650 AMPS. MAIN GENERATORS. 2,640 H.P. AVAILABLE BETWEEN 18.5 & 100 M.P.H.	TRAIN HEATING EQUIPMENT	{ BOILER { MAKE & TYPE STEAMING CAPACITY ELECTRIC FROM MAIN GENERATOR { ENGINE FUEL { BOILER FUEL BOILER WATER	SPANNER MK. II 1500 LB/HR. UP TO 344 KW. AT 860 VOLTS 826 GALLONS 830 GALLONS

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

NEW AND REVISED PAGES FOR  
B.R. MAIN LINE DIESEL LOCOMOTIVE DIAGRAM BOOK  
B.R. PUBLICATION NO MT/25

Preface page, (January 1970), replace with March 1973 issue.

Index pages A1 to A16, replace with A1 to A11, March 1973.

Diagrams DE/1001/1 to DE/1001/5, replace with March 1973 issue.

Insert new diagrams DE/1001/6 and DE/1001/7.

Remove and destroy diagrams DE/1002/1, DE/1002/2, photograph D8500 and diagrams DE/1004/1 to DE/1004/3.

Diagrams DE/2000/1, DE/2000/3 to DE/2000/12, DE/2000/14 and DE/2000/15, replace with March 1973 issue.

Insert new diagrams DE/2001/6, DE/2001/7, DE/2001/9 and DE/2002/12.

Remove and destroy photograph D5900, diagram DE/2004/1, photograph D6100, diagram DE/2005/3, photograph D6305, diagrams DH/2100/2 and DH/2100/3, and photograph D8200.

Diagrams DE/4001/2 to DE/4001/4, DE/4001/6 to DE/4001/10, DE/4002/1 to DE/4002/6, DE/4003/2 to DE/4003/10, replace with March 1973 issue.

Remove and destroy diagram DE/4003/11 (replaced by DE/4003/15 and DE/4003/16).

Diagrams DE/4003/12 and DE/4003/13, replace with March 1973 issue.

Insert new diagrams DE/4003/14 to DE/4003/21.

Diagram DE/4004/1, replace with March 1973 issue.

Insert new diagram DE/4006/1.

Remove and destroy photograph D800, diagrams DH/4101/2 to DH/4101/4, and DE/5001/1 and DE/5001/2.

Insert new diagram DE/5001/3.

DATE : JULY 1973  
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Railway Technical Centre  
Derby

RE-ISSUED PAGES FOR  
B.R. MAIN LINE DIESEL LOCOMOTIVE DIAGRAM BOOK  
B.R. PUBLICATION NO. MT/25

Diagrams DE/1001/1, DE/1001/2, DE/1001/3, DE/1001/5, DE/1001/7,  
DE/2000/1, DE/4001/2, DE/4003/19, DE/4003/20 and DE/4003/21, replace  
with re-issued copies of these diagrams.

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