

BOOK No. D.M.L. O.329.

BRITISH RAILWAYS
MAIN LINE
DIESEL LOCOMOTIVE
DIAGRAMS.

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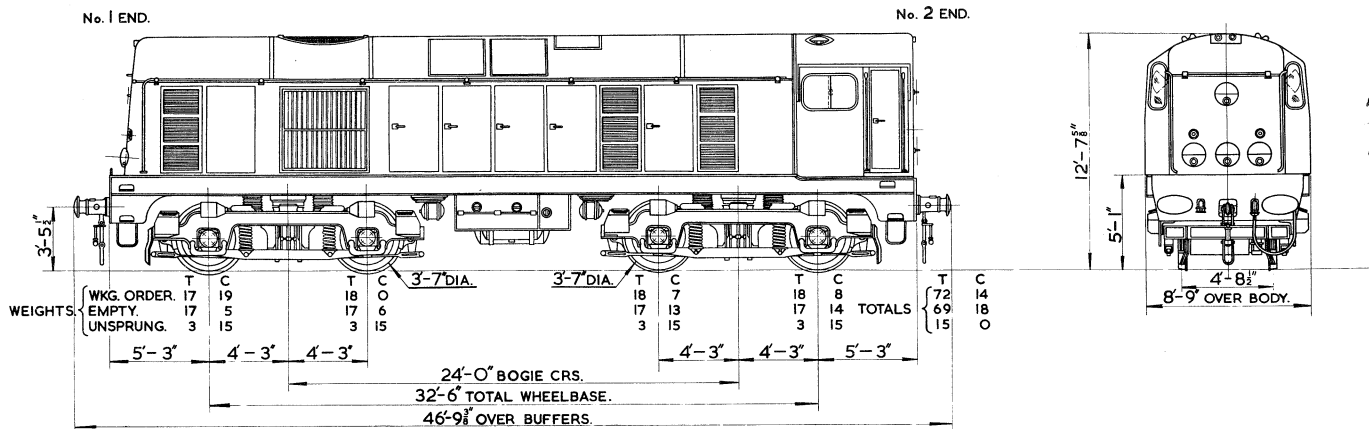
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B. R. W. R
LOCOMOTIVE
DRAWING OFFICE
4 SEP 1961
C. & E. S DEPT.
SWINDON
Signature.....



DE/1001/1

D8000
227/1/67

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. MAX. TRACTIVE EFFORT.	ENGLISH ELECTRIC E.E. 819/3C. 42000 LB. AT 26% ADHESION. AT 1800 AMPS. MAIN GENERATOR.	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.	ENGLISH ELECTRIC E.E. 526/5D. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	75 M.P.H. 3½ CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	19,500 LB. AT 14.8 M.P.H. AT 1000 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.	400 GALLS

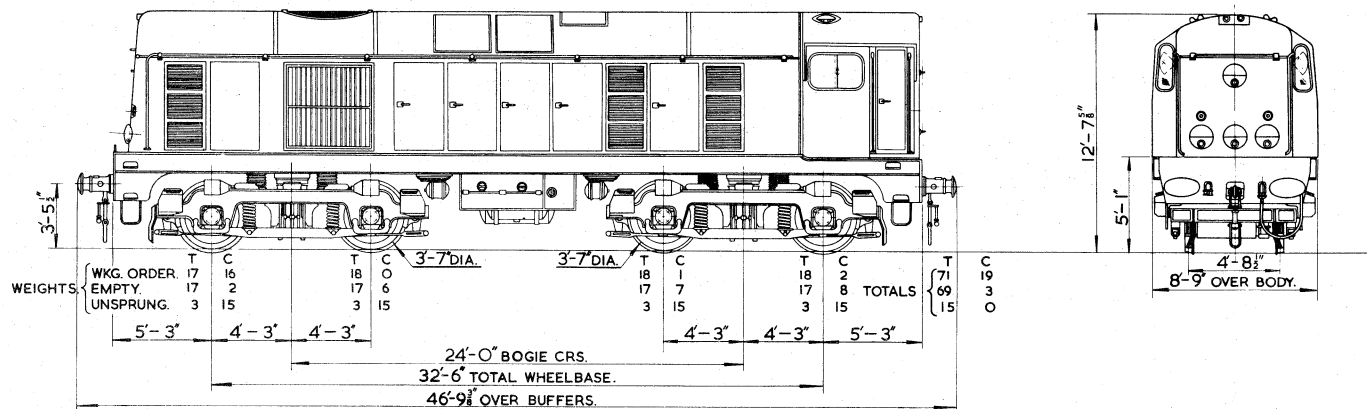
D8000-12

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

No. 1 END.

No. 2 END.

DE/1001/2



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. MAX. TRACTIVE EFFORT.	ENGLISH ELECTRIC E.E. 526/5D. FOUR. NOSE. SINGLE REDUCTION. 42000 LB. AT 26 1 % ADHESION.	CURVE.	{ MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	75 M.P.H. 3 1/2 CHAINS.
PERFORMANCE	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	AT 1800 AMPS. MAIN GENERATOR. 19500 LB. AT 14-8 M.P.H. AT 1000 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.	400 GALLS.

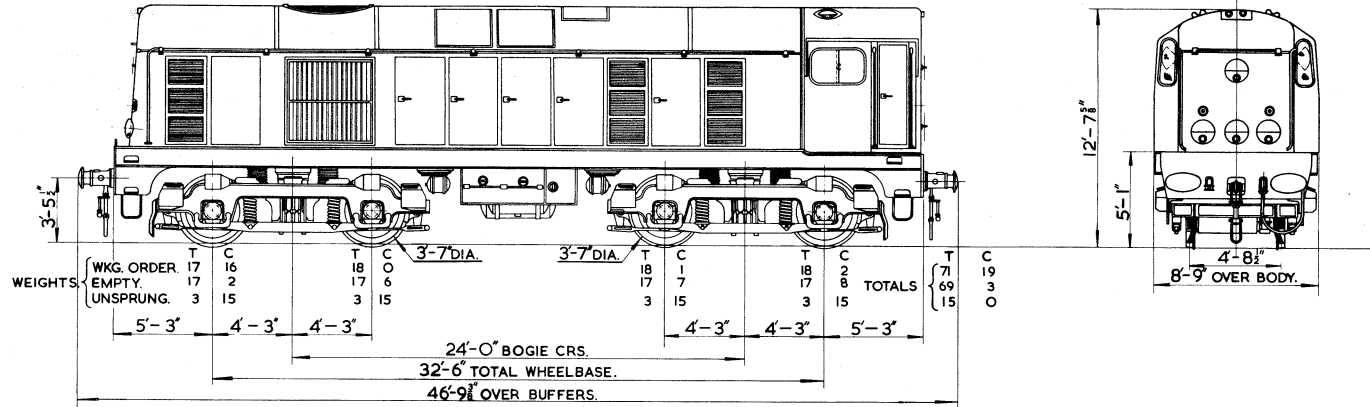
D 8020-49

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

No. 1 END.

No. 2 END.

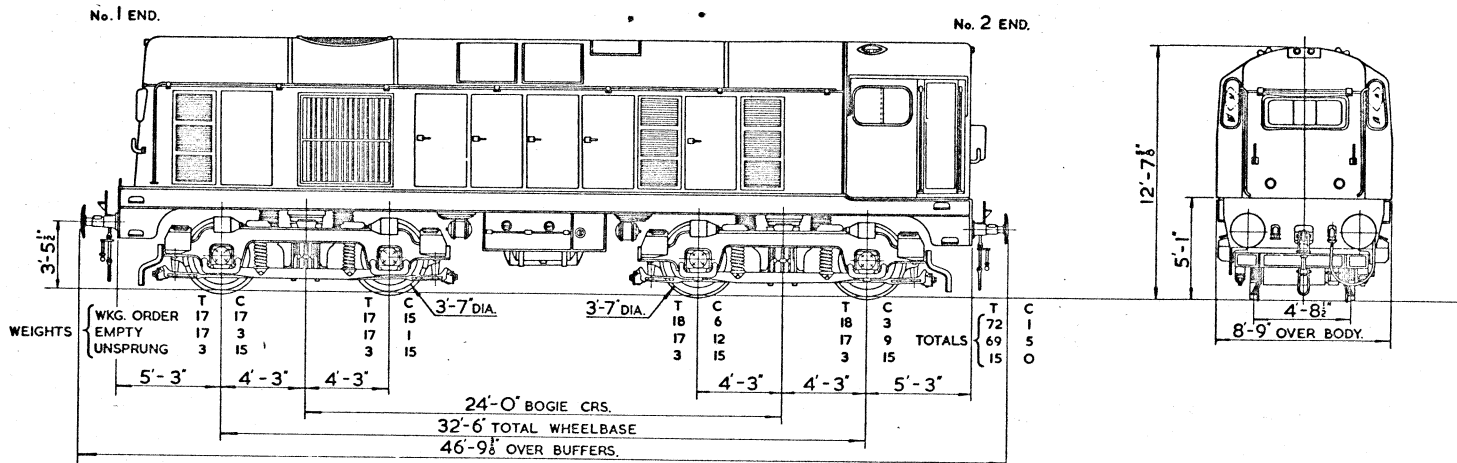
DE/1001/3



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE.	ENGLISH ELECTRIC 8 SV.T. 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.	83.4%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC E.E. 526/8D 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. 19500 LB. AT 14.8 MPH. AT 1000 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.	400 GALLS.

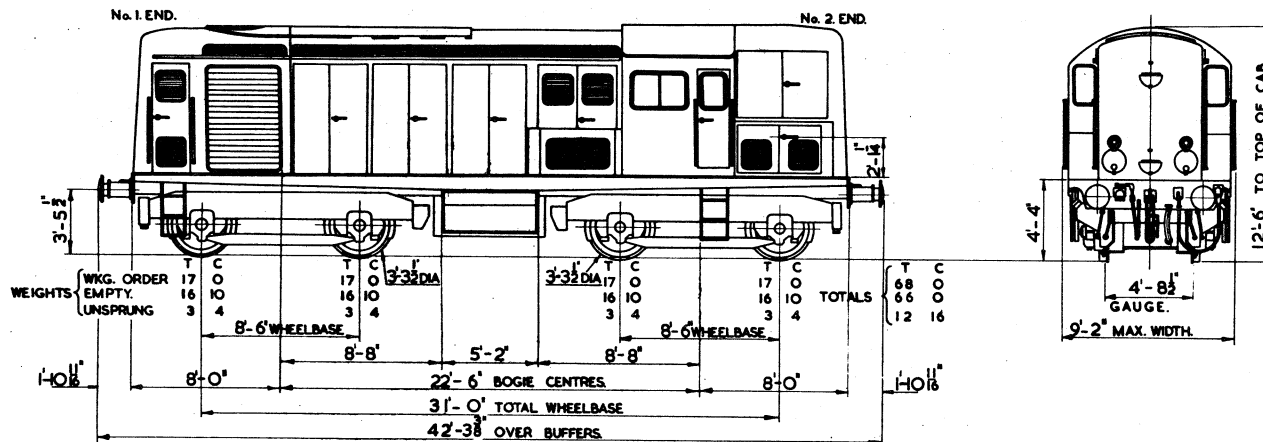
D8050 - 8109

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



ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 8 S.V.T. MK.II	BRAKING	TYPE { FOR LOCO FOR TRAIN	AIR VACUUM
MAIN GENERATOR	No. OF CYLS. & CYCLE	8 CYL. 4 STROKE.	SPEED	BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	83.2%
	MAX. CONT. RATED OUTPUT	1000 H.P. AT 850 R.P.M.			
TRACTION MOTORS	MAKE & TYPE	ENGLISH ELECTRIC E.E.819/3C	MINIMUM RADIUS CURVES	MAX PERMITTED SERVICE SPEED	75 M.P.H.
	No.	FOUR			
	TYPE OF SUSPENSION	NOSE			
	TYPE OF GEAR DRIVE	SINGLE REDUCTION			
PERFORMANCE	MAX TRACTIVE EFFORT	42000 LB AT 26 % ADHESION	TRAIN HEATING EQUIPMENT	TANK CAPACITIES { ENGINE FUEL BOILER FUEL BOILER WATER	400 GALLONS
	CONT. TRACTIVE EFFORT	AT 1800 AMPS. MAIN GENERATOR 19500 LB. AT 14.8 M.P.H.			
	RAIL H.P. AT CONT. RATING	AT 1000 AMPS. MAIN GENERATOR 770 HP.			
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 5 & 75 M.P.H.			

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



ENGINE	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	PAXMAN 16 YHXL. 16 CYL. 4 STROKE. 800 H.P. AT 1250 R.P.M.	BRAKING.	TYPE. { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	BRITISH - THOMSON - HOUSTON RT.B.10858.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	75-38%
TRACTION MOTORS.	No. TYPE OF SUSPENSION TYPE OF GEAR DRIVE.	BRITISH - THOMSON - HOUSTON 137 B.Z. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	MAX. PERMITTED SERVICE SPEED	60 M.P.H.
PERFORMANCE.	MAX. TRACTIVE EFFORT	39500 LBS. AT 25-9% ADHESION. AT 2280 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS.
	CONT. TRACTIVE EFFORT.	20,000 LBS. AT 11.5 M.P.H.	TANK CAPACITIES	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
	RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT	AT 1320 AMPS. MAIN GENERATOR. 593 HP. AVAILABLE BETWEEN 6 & 58 M.P.H.		{ ENGINE FUEL BOILER FUEL BOILER WATER.	400 GALLS.

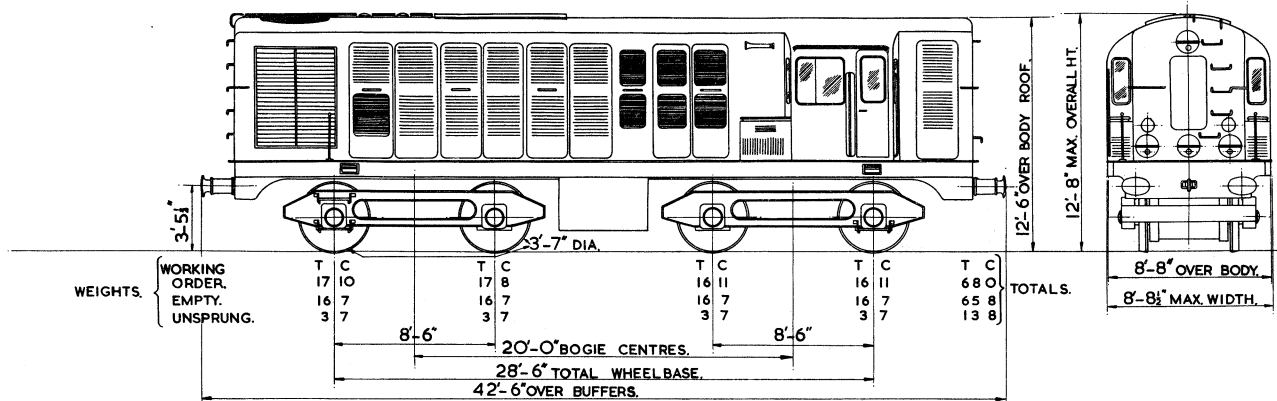
800 H.P. B.T.H. TYPE I B.B. DIESEL ELECTRIC LOCOMOTIVE.

No.1 END.

No.2 END.

DE/1003/1

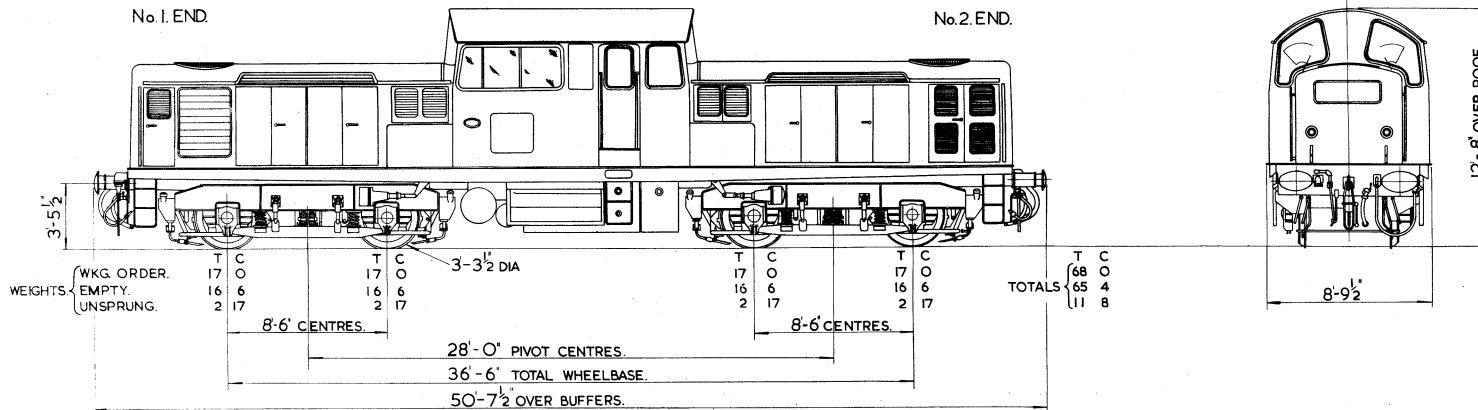
D8400
727/1/66



ENGINE.	{ MAKE & TYPE. No OF CYLS. & CYCLE. MAX CONT. RATED OUTPUT.	PAXMAN 16YHXL. 16 CYLS. 4 STROKE. 800 H.P. AT 1250 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 84%.
MAIN GENERATOR.	MAKE & TYPE.	G.E.C. WT.881.	SPEED.	MAX. PERMITTED SERVICE SPEED.	60M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	G.E.C. WT.441. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 CHAINS. 4 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	42,000 LB. AT 28% ADHESION. AT 3200 AMPS. MAIN GENERATOR. 20,000 LB. AT 10-8 M.P.H. AT 1740 AMPS. MAIN GENERATOR. 576 H.P. AVAILABLE BETWEEN 3.3 & 55 M.P.H.	TANK CAPACITIES. ENGINE FUEL.		490 GALLS.

D 8400 - 9

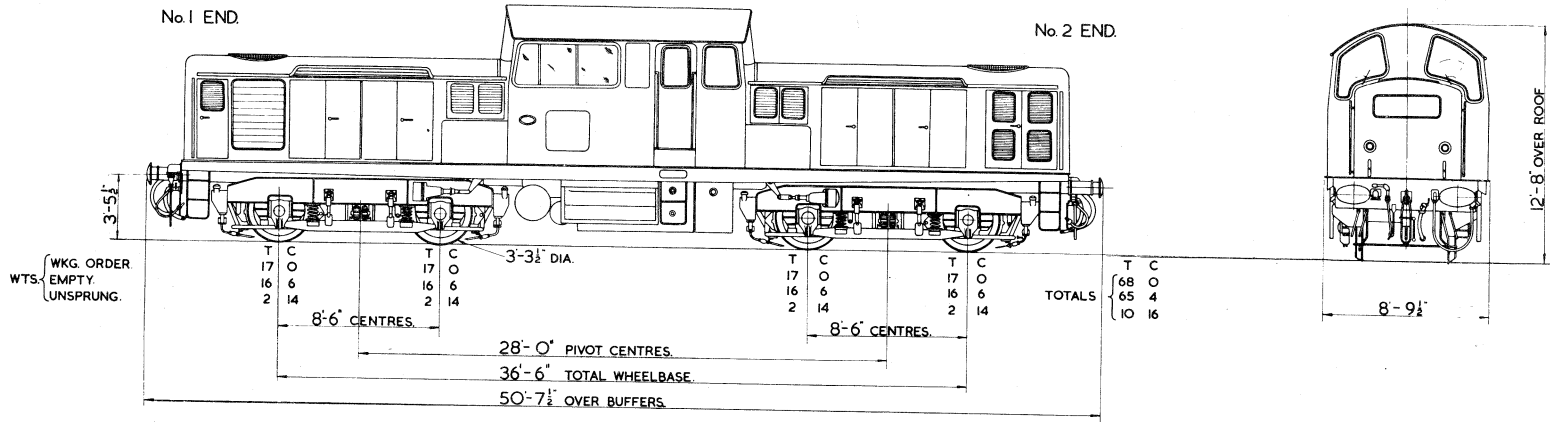
800 H.P N.B.L. TYPE I B-B DIESEL ELECTRIC LOCOMOTIVE.



D8500
77-05

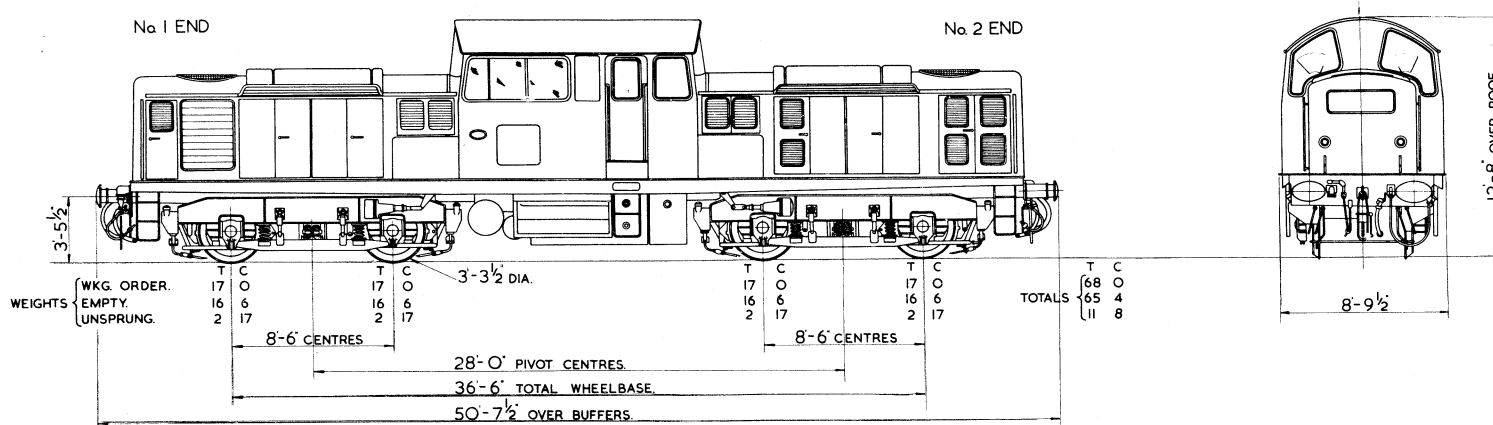
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO-PAXMAN 6ZHL. 6CYL. 4STROKE. 450 H.P. AT 1500 R.P.M. EACH.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	TWO-GENERAL ELECTRIC C° WT. 800. GENERAL ELECTRIC C° WT. 421.	SPEED.	BRAKE FORCE: { % OF LOCO. WEIGHT IN WORKING ORDER.	86.7%
TRACTION MOTORS	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 40 000 LBS. AT 26.2% ADHESION. AT 1400 AMPS. EACH MAIN GENERATOR.	CURVE.	MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	60 M.P.H. 3 1/2 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	18 000 LBS. AT 12.8 M.P.H. AT 700 AMPS. EACH MAIN GENERATOR. 602 H.P. AVAILABLE BETWEEN 3 & 60 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	500 GALLS.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	

900 H.P. CLAYTON TYPE I B-B DIESEL ELECTRIC LOCOMOTIVE.



ENGINE.	MAKE & TYPE. No. OF CYLS. & CYCLE MAX. CONT. RATED OUTPUT.	TWO-PAXMAN 6ZHXL. 6 CYL. 4 STROKE. 450 H.P. AT 1500 R.P.M. EACH.	BRAKING.	TYPE { FOR LOCO FOR TRAIN	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	TWO C.P. TYPE C.G.1086. C.P. TYPE C.1066.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	88%.
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	FOUR. NOSE. SINGLE REDUCTION.	MINIMUM RADIUS CURVES.	MAX PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING.	60 MPH. 3 1/2 CHAINS.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	43,000 LBS. AT 28.2% ADHESION AT 1740 AMPS EACH MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	VERTICAL CONVEX. VERTICAL CONCAVE. BOILER MAKE & TYPE. STEAMING CAPACITY.	10 CHAINS. 10 CHAINS.
	CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT.	18,400 LBS. AT 12.6 M.P.H. AT 900 AMPS EACH MAIN GENERATOR. 618 H.P. AVAILABLE BETWEEN 3 & 60 M.P.H.	TANK CAPACITIES.	ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS.

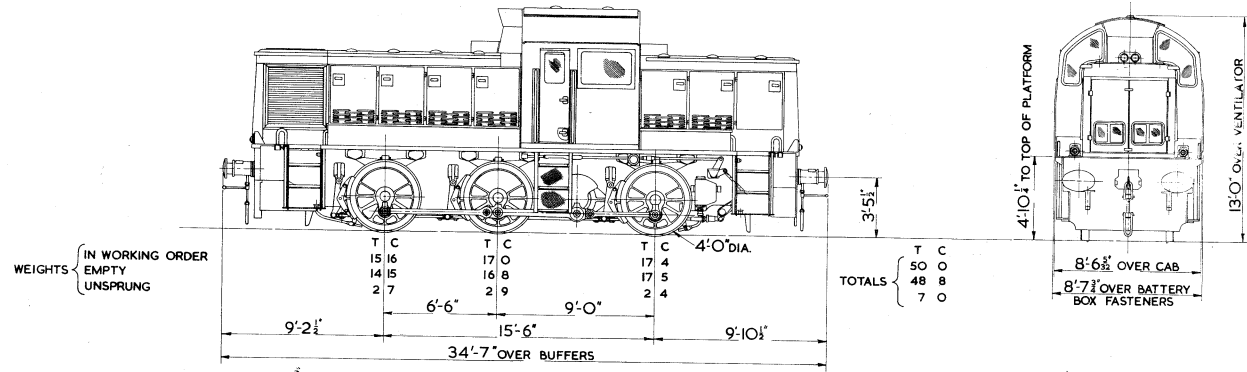
900 H.P. CLAYTON TYPE I B-B DIESEL ELECTRIC LOCOMOTIVE.



WEIGHTS	<table border="0"> <tr> <td>WKG. ORDER.</td> <td>T</td> <td>C</td> <td></td> <td>T</td> <td>C</td> <td></td> <td>T</td> <td>C</td> <td></td> <td>TOTALS</td> <td>T</td> <td>C</td> </tr> <tr> <td>EMPTY.</td> <td>17</td> <td>0</td> <td></td> <td>17</td> <td>0</td> <td></td> <td>17</td> <td>0</td> <td></td> <td>68</td> <td>0</td> <td></td> </tr> <tr> <td>UNSPRUNG.</td> <td>16</td> <td>6</td> <td></td> <td>16</td> <td>6</td> <td></td> <td>16</td> <td>6</td> <td></td> <td>65</td> <td>4</td> <td></td> </tr> <tr> <td></td> <td>2</td> <td>17</td> <td></td> <td>2</td> <td>17</td> <td></td> <td>2</td> <td>17</td> <td></td> <td>11</td> <td>8</td> <td></td> </tr> </table>	WKG. ORDER.	T	C		T	C		T	C		TOTALS	T	C	EMPTY.	17	0		17	0		17	0		68	0		UNSPRUNG.	16	6		16	6		16	6		65	4			2	17		2	17		2	17		11	8			
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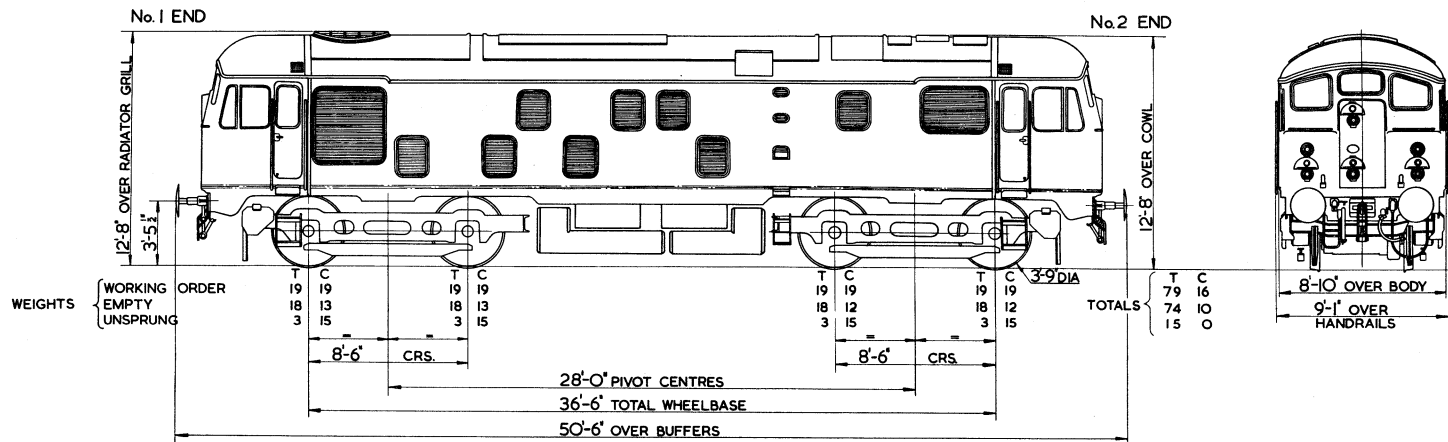
900 H.P. CLAYTON TYPE I B-B DIESEL ELECTRIC LOCOMOTIVE.

DH/1100/1



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ONE DAVEY PAXMAN 6YJXL. 6 CYLS. 4 STROKE. 650 H.P. AT 1500 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	40 M.P.H.
TRANSMISSION.	{ TYPE & OTHER PARTICULARS.	VOITH L217u.	MINIMUM RADIUS CURVES.	{ HORIZONTAL WITHOUT GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	4 1/2 CHAINS 3 CHAINS. 5 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	30190 LB. AT 27.6% ADHESION. 26690 LB. AT 5.6 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	NOT FITTED.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	AIR. VACUUM. 86.6%.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	338 GALLS.

650 H.P. B.R. TYPE I O-6-O DIESEL HYDRAULIC LOCOMOTIVE.



DE/2000/I

D5000-5019
227/1/70

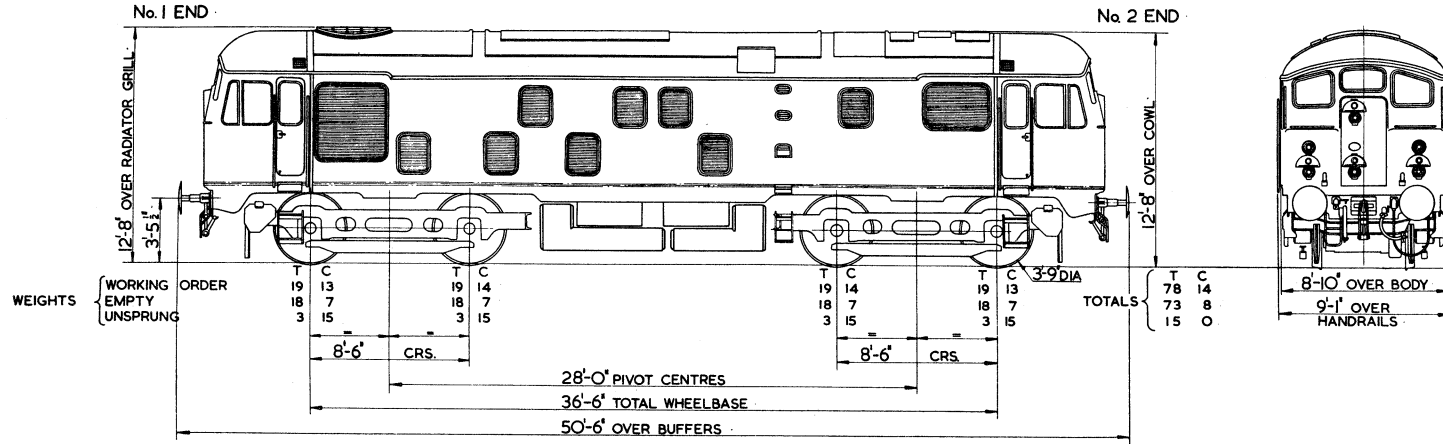
ENGINE.	MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28. 6 CYL. 4 STROKE. 1160 HP AT 750 R.P.M.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON. R.T.B 15656.	SPEED.	BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	78-7%
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	BRITISH-THOMSON-HOUSTON. 137.B.Y. FOUR. NOSE. SINGLE REDUCTION. 40000 LBS. AT 22-3% ADHESION.	CURVE.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	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.	MIN. RAD CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.
			TANK CAPACITIES	BOILER MAKE & TYPE. STEAMING CAPACITY.	{ OK 4616A OR OK 4616B. 1750 LBS./HOUR.
				{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	630 GALLS. 600 GALLS.

D5000-5019

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

DE/2000/3

05020-43
227/1/75



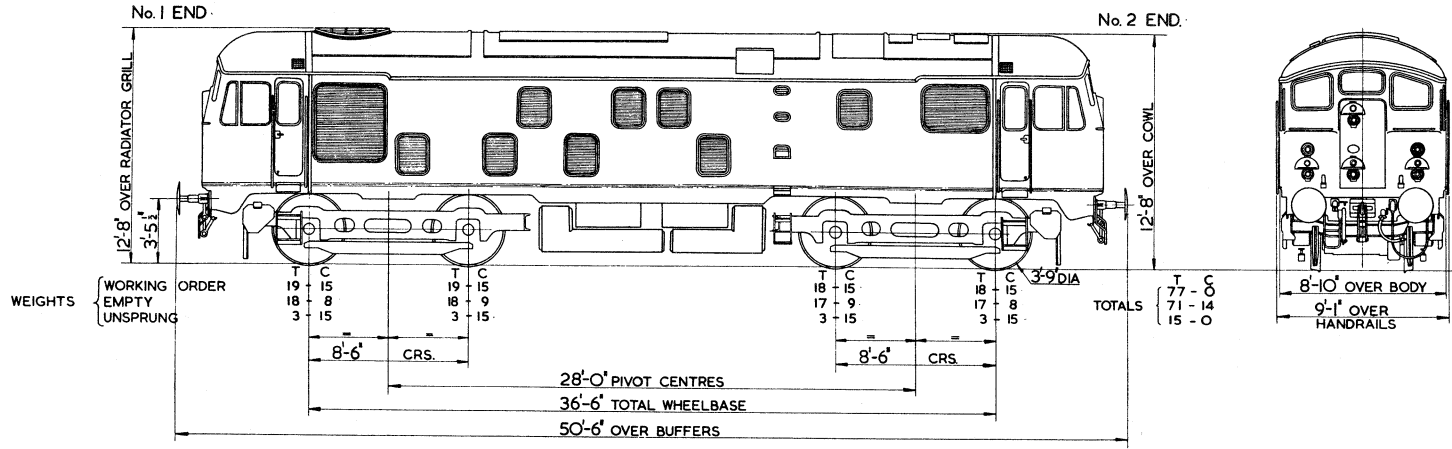
ENGINE.	{ MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28. 6 CYL. 4 STROKE. 1160 H.P AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	{ MAKE & TYPE.	BRITISH-THOMSON-HOUSTON R.T.B 15656.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	79.8%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRITISH-THOMSON-HOUSTON 137.BY. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	{ 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.	40,000 LBS. AT 22.7% ADHESION. AT 2,320 AMPS. MAIN GENERATOR. 21,300 LBS. AT 14.8 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR OK. 4616/B 1750 LBS./HOUR
	{ RAIL H.P. AT CONT RATING. FULL ENGINE OUTPUT.	AT 1400 AMPS. MAIN GENERATOR. 843 H.P AVAILABLE BETWEEN 7.7 & 69 M.P.H.	TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	630 GALLS. 600 GALLS.

05020-5043

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

DE/2000/4

D5044 - 5049
227/1/



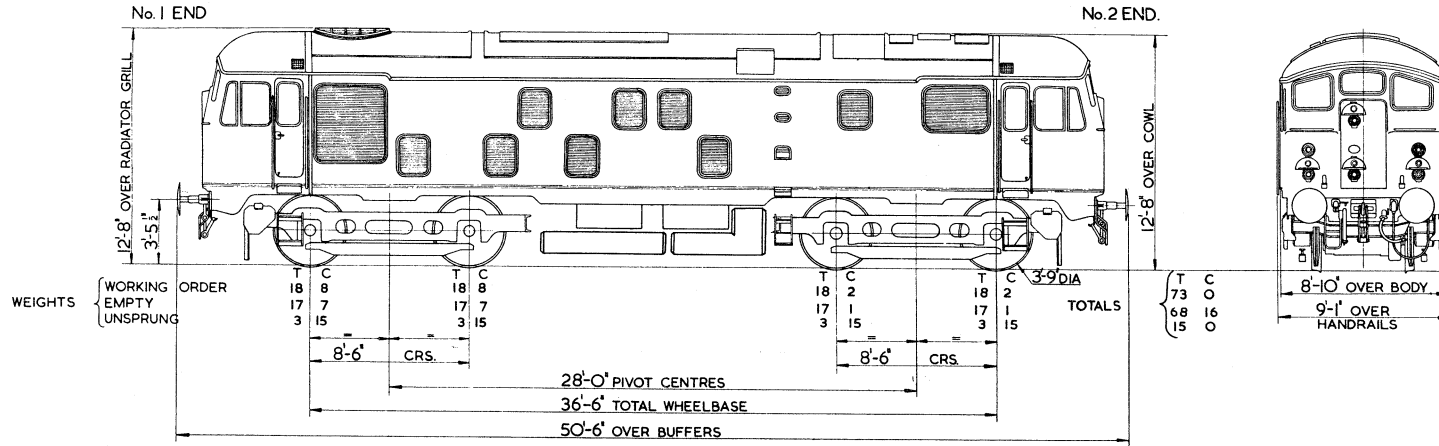
ENGINE.	{ MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28. 6 CYL. 4 STROKE. 1160 HP AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	{ MAKE & TYPE.	BRITISH-THOMSON-HOUSTON R.T.B. I5656.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	81.6%.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRITISH-THOMSON-HOUSTON I37.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. 4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	40000 LBS. AT 23.2% 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.	STONE VAPOR L.4610. 1150 LBS/HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	630 GALLS. 450 GALLS.

D5044 - 5049

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

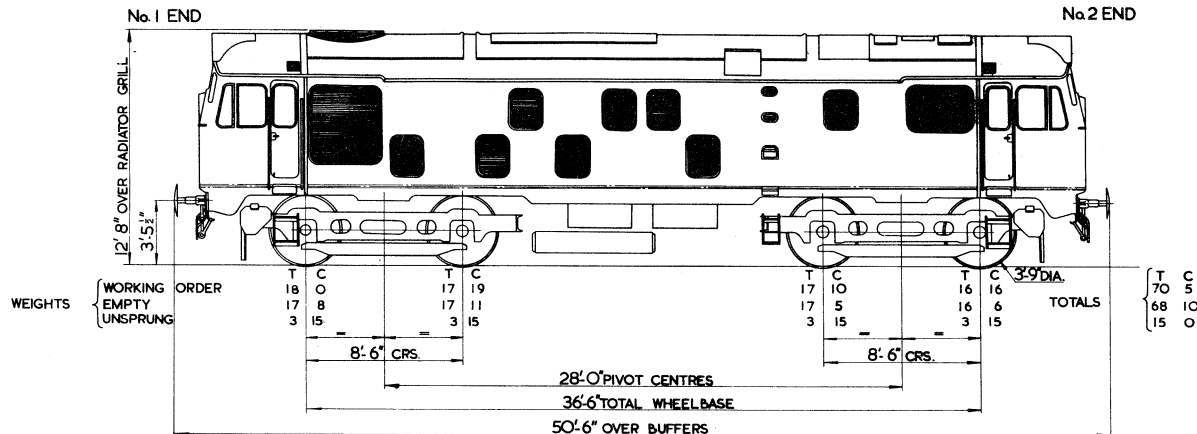
DE/2000/5

05050-010
227/1/0



ENGINE.	MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28. 6 CYL. 4 STROKE. 1160 HP AT 750 R.P.M.	BRAKING.	TYPE { FOR LOCO FOR TRAIN.	AIR. VACUUM
MAIN GENERATOR.	MAKE & TYPE.	BRITISH-THOMSON-HOUSTON, R.T.B 15656.		BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	86%
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRITISH-THOMSON-HOUSTON, 137 B.Y. FOUR. NOSE. SINGLE REDUCTION	SPEED. 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.	40,000 LBS. AT 24.5% 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 L4610 1150 LBS/HOUR
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	520 GALLS 450 GALLS

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



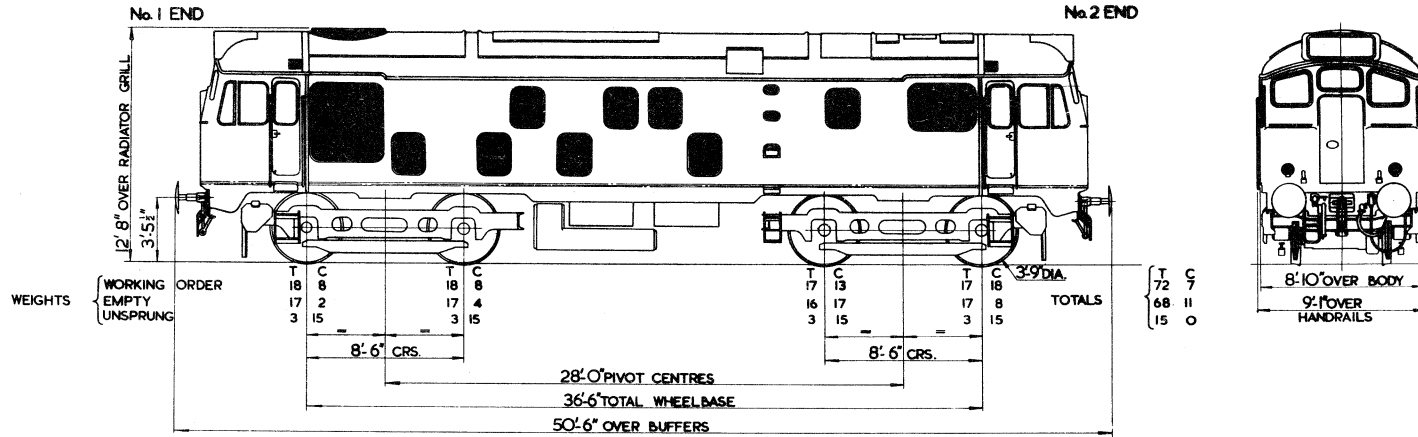
DE/2000/6

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. No.	A.E.I. RT.B 15656. A.E.I. 137 BX.	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.	FOUR. NOSE. SINGLE REDUCTION. 39,000 LBS. AT 24-8% ADHESION. AT 2530 AMPS. MAIN GENERATOR.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 M.P.H. 4½ CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	20,800 LBS. AT 17-1 M.P.H. AT 1500 AMPS. MAIN GENERATOR. 949 H.P. AVAILABLE BETWEEN 9-3 & 776 MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	520 GALLS.

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

DE/2000/7

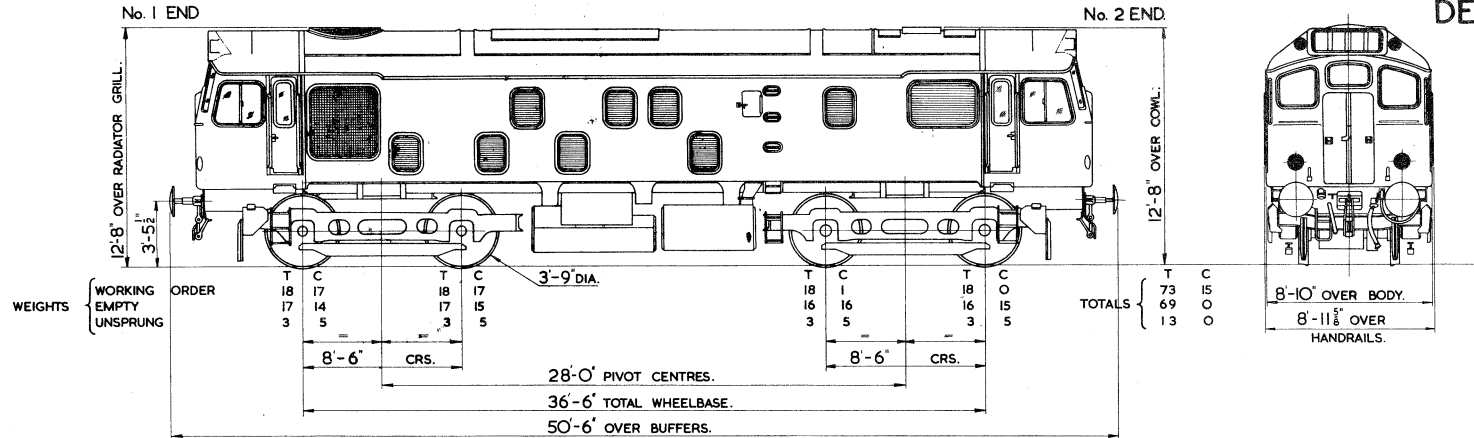
05166-5170



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. BRAKE FORCE. { % OF LOCO.WEIGHT. IN WORKING ORDER.	AIR: VACUUM. 86.9%.
MAIN GENERATOR.	{ MAKE & TYPE.	A.E.I. R.T.B. 15656.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	A.E.I. 137 B.X. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT.	39000 LBS. AT 24.1% ADHESION. AT 2530 AMPS. MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	620 GALLS.
	{ CONT. TRACTIVE EFFORT.	20800 LBS. AT 17.1 M.P.H. AT 1500 AMPS. MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	
	{ RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	949 H.P. AVAILABLE BETWEEN 9.3 & 776 M.P.H.			

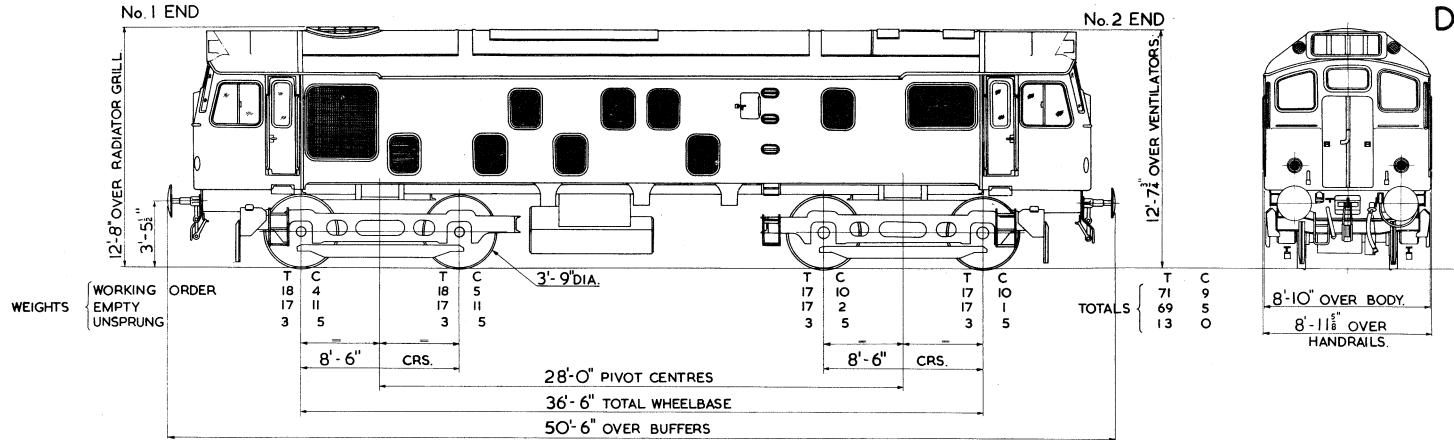
05166-5170

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



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.	AIR. VACUUM. 85.2%
MAIN GENERATOR.	{ MAKE & TYPE. No.	A.E.I. R.T.B. 15656. FOUR.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 MPH.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	A.E.I. 253 A.Y. FOUR. NOSE. SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING. FULL ENGINE OUTPUT.	45,000 LBS. AT 27.2% ADHESION 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.	STONE VAPOR L.4610. 1150 LBS. HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL } { BOILER FUEL } { BOILER WATER.	560 GALLS. 580 GALLS.

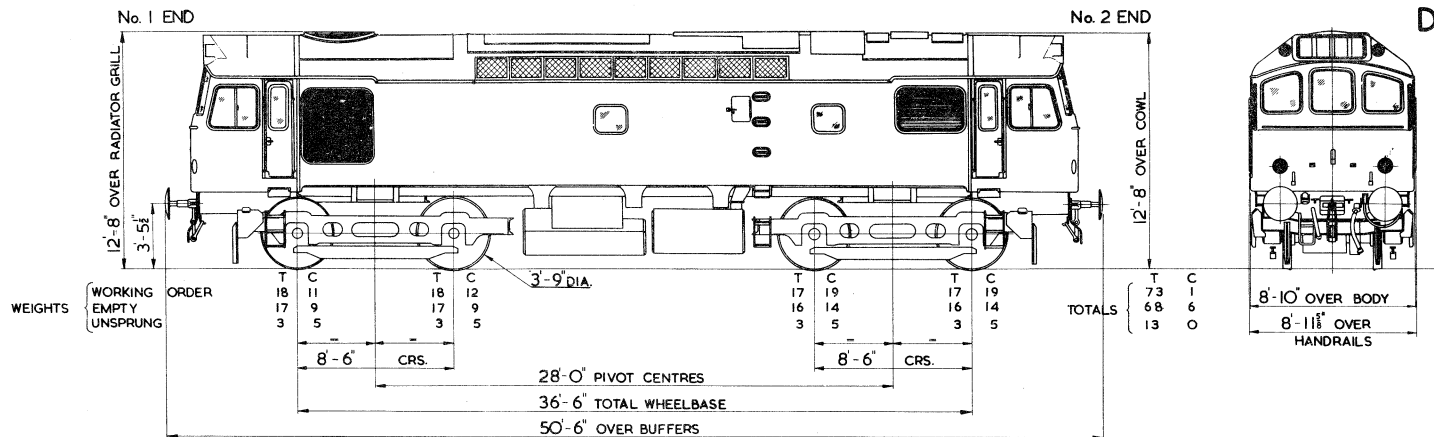
1250 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.



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.	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.	560 GALLS.

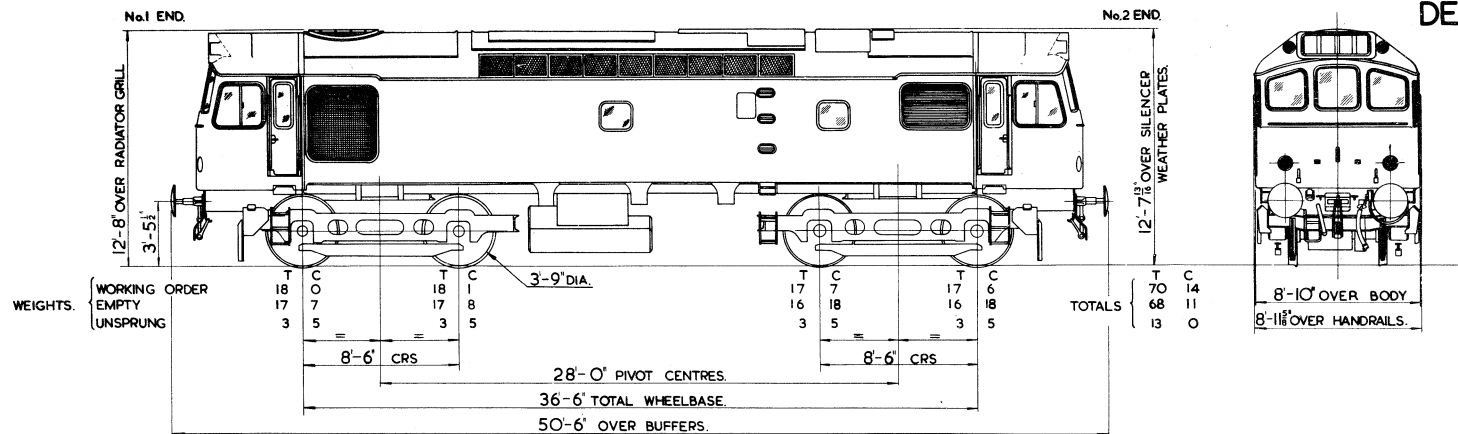
1250 H.P. B.R. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

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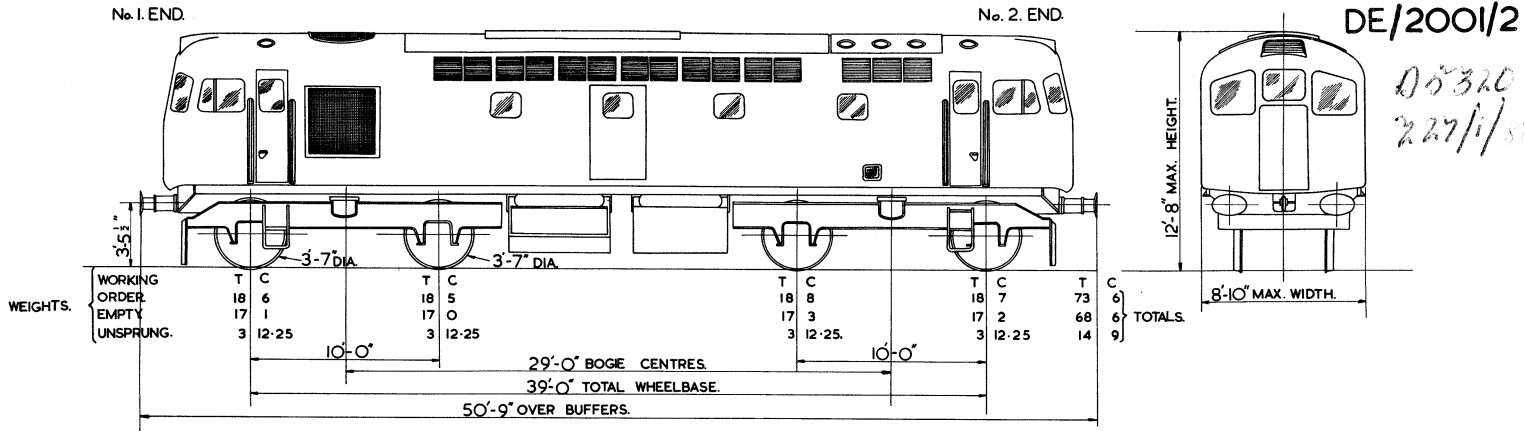
ENGINE.	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6 L.D.A. 28 - B. 6 CYL. 4 STROKE. 1250 H.P AT 750 R.P.M.	BRAKING.	TYPE { FOR LOCO FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	A.E.I. R.T.B. 15656.		BRAKE FORCE. { % OF LOCO WEIGHT. IN WORKING ORDER.	86 %
TRACTION MOTORS.	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 27.5 % ADHESION.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
			CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	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.	STONE VAPOR L4610. 1150 LBS/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	560 GALLS. 580 GALLS.

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



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.	{ 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 L.B. AT 28-7% ADHESION AT 2340 AMPS. MAIN GENERATOR. 20,800 L.B. 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.	560 GALLS.

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

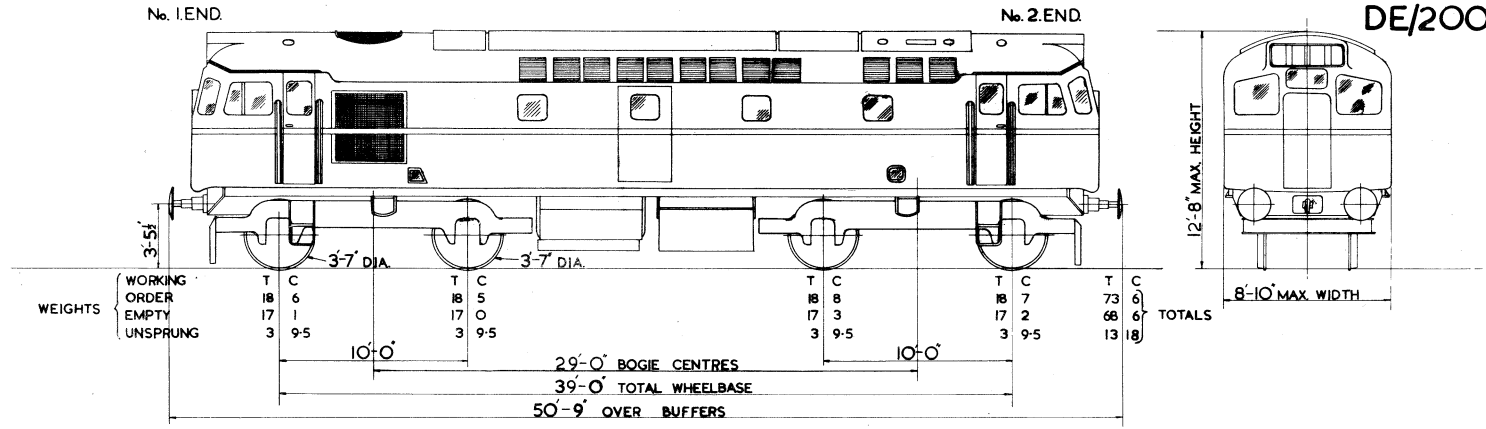


ENGINE.	MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6LDA28. 6 CYLS. 4. STROKE. 1160.H.P. AT 750.R.P.M.	BRAKING.	TYPE { FOR LOCO. { FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	CROMPTON PARKINSON 66391A1 <i>C.G.391 Ai</i> CROMPTON PARKINSON C171D3.	SPEED.	BRAKE FORCE. { % OF LOCO WEIGHT. { IN WORKING ORDER.	75%. 78.6%
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 42,000LB. AT 23% ADHESION. AT 2240 AMPS. MAIN GENERATOR. 30,000LB. AT 11-25 MPH. AT 1720 AMPS. MAIN GENERATOR.	CURVE.	MAX. PERMITTED SERVICE SPEED. MIN RAD. CURVE { WITHOUT GAUGE WIDENING. { AT DEAD SLOW SPEED.	75 M.P.H. 5 CHAINS. 4 1/2 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING. FULL ENGINE OUTPUT.	900 H.P. AVAILABLE BETWEEN 7 & 75 MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. { STEAMING CAPACITY.	STONE VAPOR. 1500 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. { BOILER FUEL. { BOILER WATER.	500 GALLS. 100 GALLS. 450 GALLS.

05320 - 5346

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

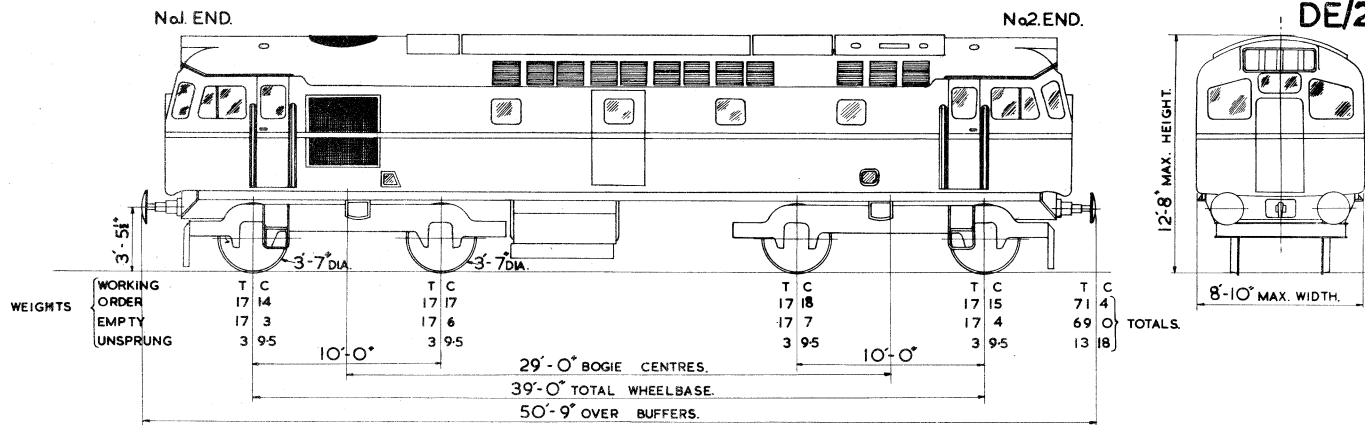
DE/2001/3.



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6LDA 28B. 6 CYLS. 4STROKE. 1250 H.P. AT 750 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	{ MAKE & TYPE.	G.E.C. W.T. 981.		{ 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. 40000 LB. AT 24% ADHESION. AT 2800 AMPS. MAIN GENERATOR. 25000 LB. AT 14 M.P.H.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	933 H.P. AVAILABLE BETWEEN 7.5 & 80 M.P.H.	CURVE.	MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	5 CHAINS. 4 1/2 CHAINS
			TRAIN HEATING.	{ BOILER MAKE & TYPE. EQUIPMENT. STEAMING CAPACITY.	STONE VAPOR. 1750 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS. 100 GALLS. 450 GALLS.

D 5347-2365

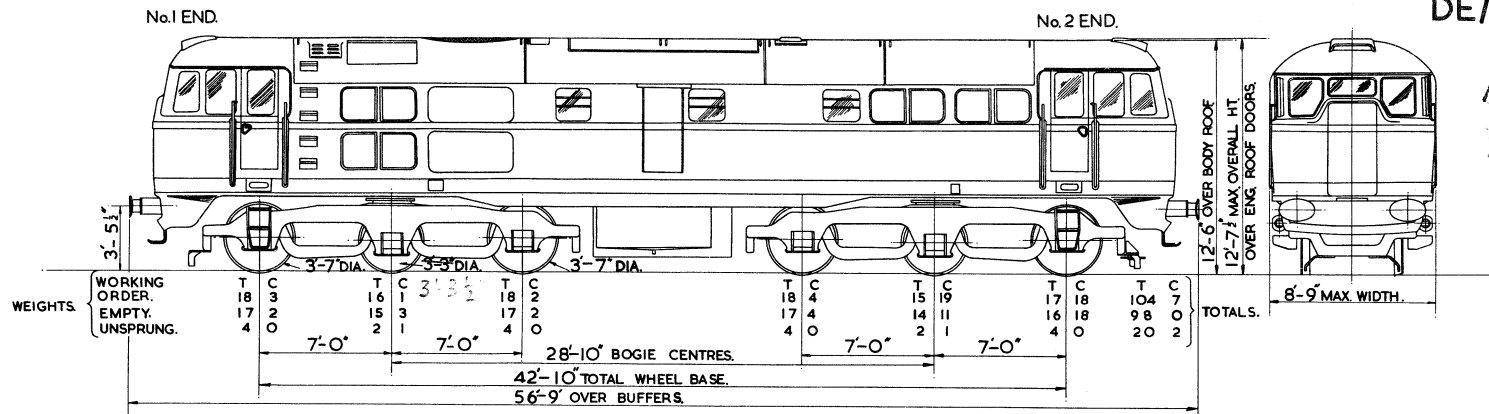
1250 HP B.R.C.W. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.



ENGINE.	MAKE & TYPE.	SULZER 6LDA28B.		
	No. OF CYLS. & CYCLE.	6CYLS. 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. FOR TRAIN.
	MAKE & TYPE.	G.E.C. WT.459.		AIR. VACUUM.
TRACTION MOTORS.	No.	FOUR.		BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.
	TYPE OF SUSPENSION.	NOSE.	SPEED.	MAX PERMITTED SERVICE SPEED.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED
	MAX. TRACTIVE EFFORT.	40000 LB. AT 25% ADHESION AT 2800 AMPS MAIN GENERATOR.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	25000 LB. AT 14 M.P.H. AT 1940 AMPS MAIN GENERATOR.	TANK CAPACITIES.	{ ENGINE FUEL. AUX. FUEL.
	RAIL H.P. AT CONT. RATING.	933 HP.		500 GALLS. 100 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 7.5 & 80 M.P.H.		NOT FITTED.

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

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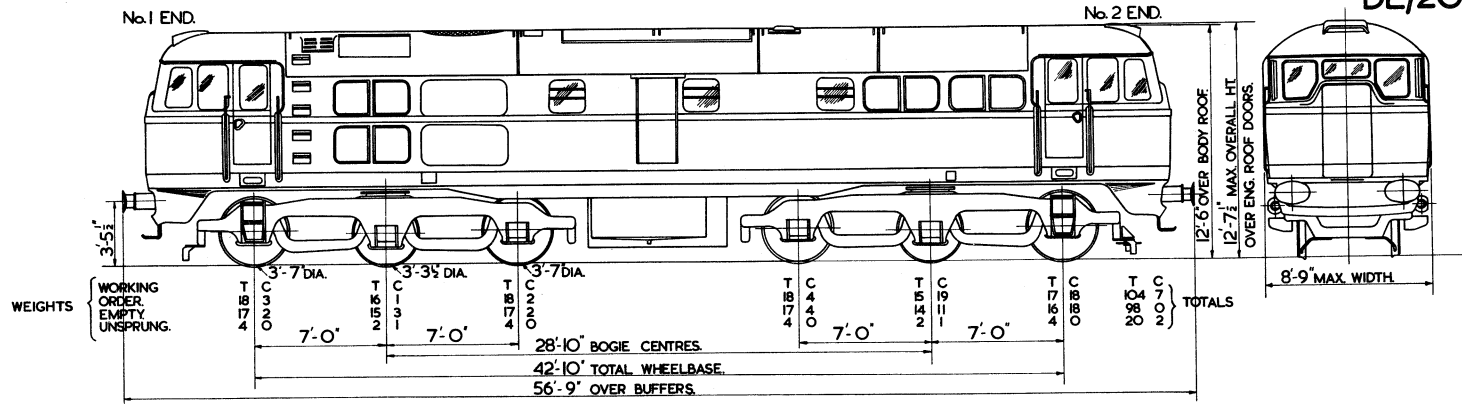
D5500
227/11

ENGINE	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	MIRRELES JVS12T. 12 CYLS. 4 STROKE. 1250HP AT 850R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	AIR VACUUM. 79% .
MAIN GENERATOR.	{ MAKE & TYPE.	BRUSH TG.160 -48.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH TM. 73-68. FOUR. NOSE. SINGLE REDUCTION.	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. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	42,000 LB. AT 26% ADHESION. AT 2,000 AMPS. MAIN GENERATOR. 22,400 LB AT 16.5 M.P.H. AT 1,200 AMPS MAIN GENERATOR. 985 H.P AVAILABLE BETWEEN 7.5 & 58.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER. 1500 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	550 GALLS. 100 GALLS. 600 GALLS.

D5500-0019

1250 H.P BRUSH TYPE 2 A1A-A1A DIESEL ELECTRIC LOCOMOTIVE.

DE/2002/2



~~05520-5699~~
227/11
05800

ENGINE	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	MIRRELES JVS 12T 12 CYLS. 4 STROKE 1365 HP. AT 900 RPM.			
MAIN GENERATOR	MAKE & TYPE. MAKE & TYPE.	BRUSH. TG.160-48. BRUSH. TM.73-68.	BRAKING	TYPE { FOR LOCO. FOR TRAIN	AIR VACUUM.
TRACTION MOTORS	No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 42,000 LB. AT 26% ADHESION AT 1975 AMPS. MAIN GENERATOR.	SPEED.	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	80%.
PERFORMANCE	CONT. TRACTIVE EFFORT. RAIL HP. AT CONT. RATING. FULL. ENGINE OUTPUT.	22,400 LB. AT 18 MPH. AT 1200 AMPS. MAIN GENERATOR 1076 HP. AVAILABLE BETWEEN 8.5 & 64.4 MPH.	CURVE.	MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE { WITHOUT GAUGE WIDENING AT DEAD SLOW SPEED	80 MPH. 4 1/2 CHAINS. 4 1/2 CHAINS.
			TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE STEAMING CAPACITY	SPANNER SWIRLYFLOW. 1500 LB/HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER	500 GALLS. 100 GALLS. 600 GALLS.

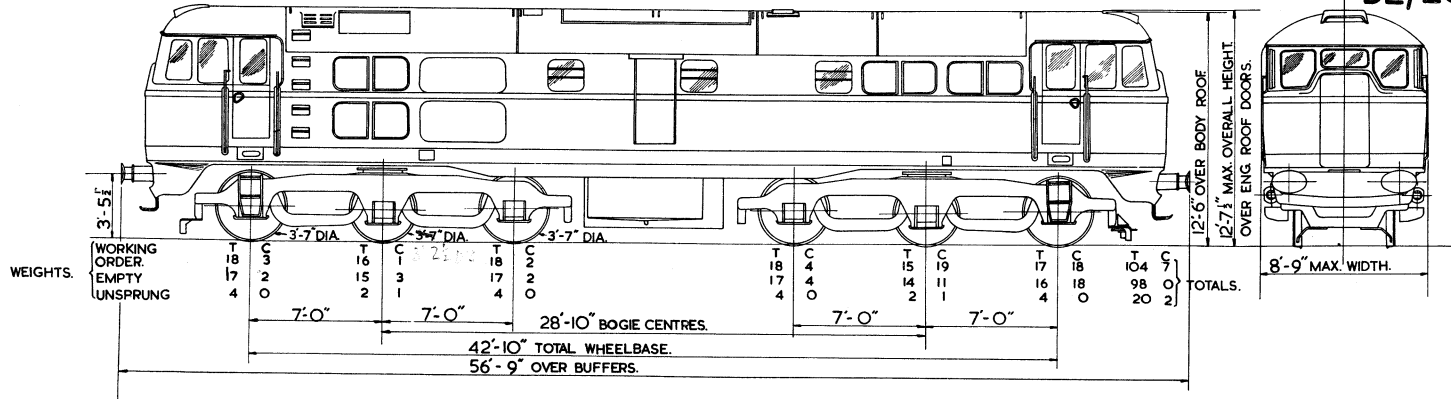
0550-0554

1365 H.P BRUSH TYPE 2 AIA -AIA DIESEL ELECTRIC LOCOMOTIVE.

No. 1. END.

No. 2. END.

DE/2002/3



227/1

ENGINE.	{ MAKE & TYPE. N OF CYLS. & CYCLE.	MIRRELES JVS12T. 12CYLS. 4 STROKE.	BRAKING.	{ TYPE: { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	{ MAX. CONT. RATED OUTPUT MAKE & TYPE.	1365H.P. AT 900 R.P.M. BRUSH TG 160-48.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	80%.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	FOUR. NOSE. SINGLE REDUCTION. 36,000LB. AT 22-3% ADHESION. AT 2000 AMPS MAIN GENERATOR. 18,800 LB. AT 21.5 MPH.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN RAD. CURVE. { WITHOUT GAUGE WIDENING AT DEAD SLOW SPEED.	90M.P.H. 4 1/2 CHAINS 4 1/2 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING. FULL ENGINE OUTPUT.	AT 1200AMPS MAIN GENERATOR. 1076 HP AVAILABLE BETWEEN 97 & 76.6MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLO 1500 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL BOILER WATER.	550 GALLS. 100 GALLS. 600 GALLS.

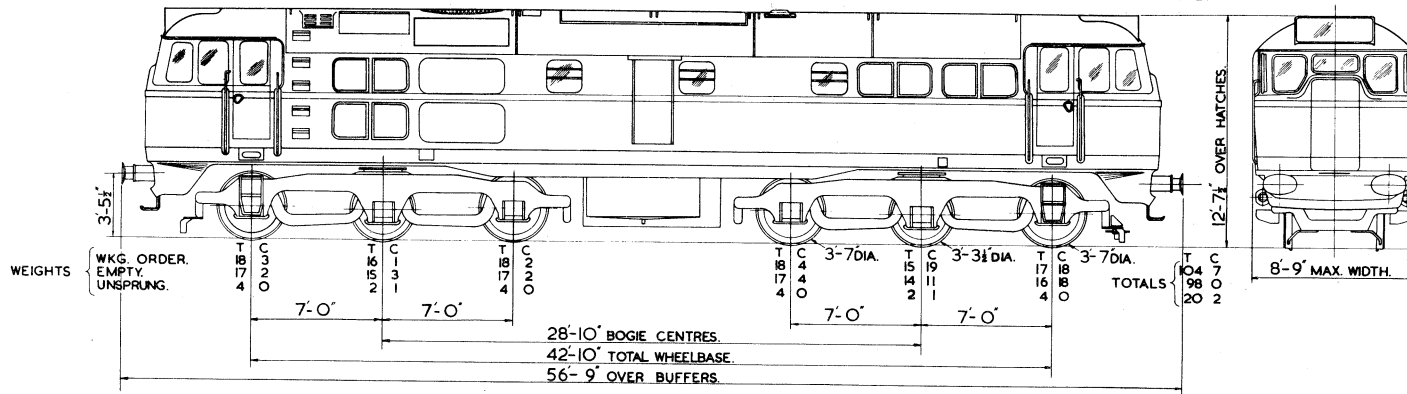
1365 H.P BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE.

35535-0044
35546-0604
35671-0697
35800-0828

No.1 END

No.2 END

DE/2002/4



227/1

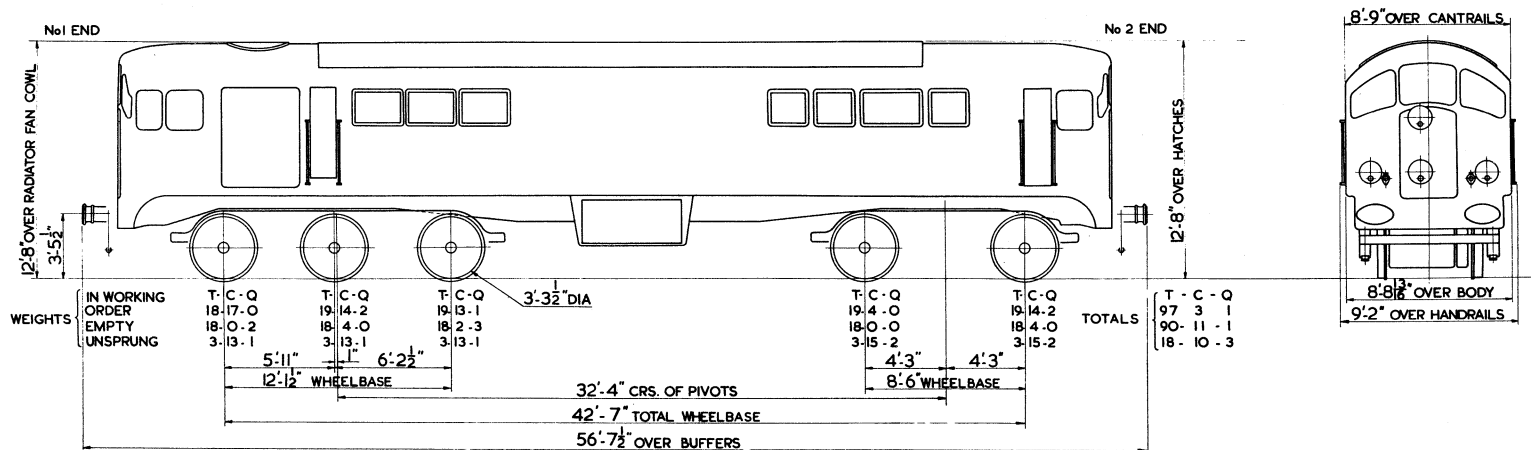
ENGINE	MAKE & TYPE.	MIRRELES JVS 12T.	BRACING.	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
	No. OF CYLS. & CYCLE.	12 CYLS. 4 STROKE.		BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	80%.
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1600 H.P. AT 950 R.P.M.	SPEED.		
	MAKE & TYPE.	BRUSH TG.160-48.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS. 4 1/2 CHAINS.
TRACTION MOTORS.	MAKE & TYPE.	BRUSH TM.73-68.	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLOW 1,500 LB/HOUR.
	No.	FOUR.	TANK CAPACITIES	ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS. 100 GALLS. 600 GALLS.
	TYPE OF SUSPENSION.	FOUR.			
	TYPE OF GEAR DRIVE.	NOSE.			
PERFORMANCE.	MAX. TRACTIVE EFFORT.	SINGLE REDUCTION.			
	CONT. TRACTIVE EFFORT.	42000 LB. AT 26 % ADHESION, AT 2275 AMPS. MAIN GENERATOR.			
	RAIL H.P. AT CONT. RATING.	21,240 LB. AT 22-4 M.P.H. AT 1320 AMPS. MAIN GENERATOR.			
	FULL ENGINE OUTPUT.	1270 H.P. AVAILABLE BETWEEN 93 & 75.5 M.P.H.			

1600 H.P. BRUSH TYPE 2 AIA-AIA DIESEL ELECTRIC LOCOMOTIVE.

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DE/2003/I

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227/1

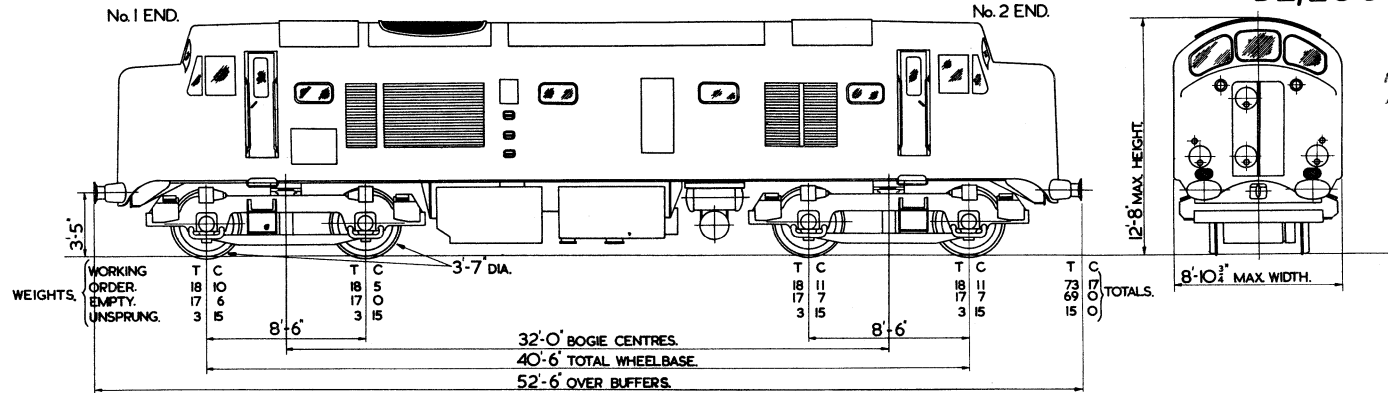


ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	CROSSLEY H.S.T. VEE 8. 8 CYL. 2 STROKE. 1200 HP AT 750 RPM.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	{ MAKE & TYPE.	METROPOLITAN-VICKERS TG. 4204.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	76%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	METROPOLITAN-VICKERS MV.137 BZ. FIVE. 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.	50,000 LBS. AT 23% ADHESION. AT 2900 AMPS. MAIN GENERATOR. 25,000 LBS. AT 13.5 M.P.H. AT 1650 AMPS. MAIN GENERATOR. 900 H.P. AVAILABLE BETWEEN 4.3 & 61 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER 'SWIRLYFLO'. 1500 LBS/HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER	510 GALLS. 600 GALLS.

05700-5714

1200 H.P. M-V. TYPE 2 C-B DIESEL ELECTRIC LOCOMOTIVE.

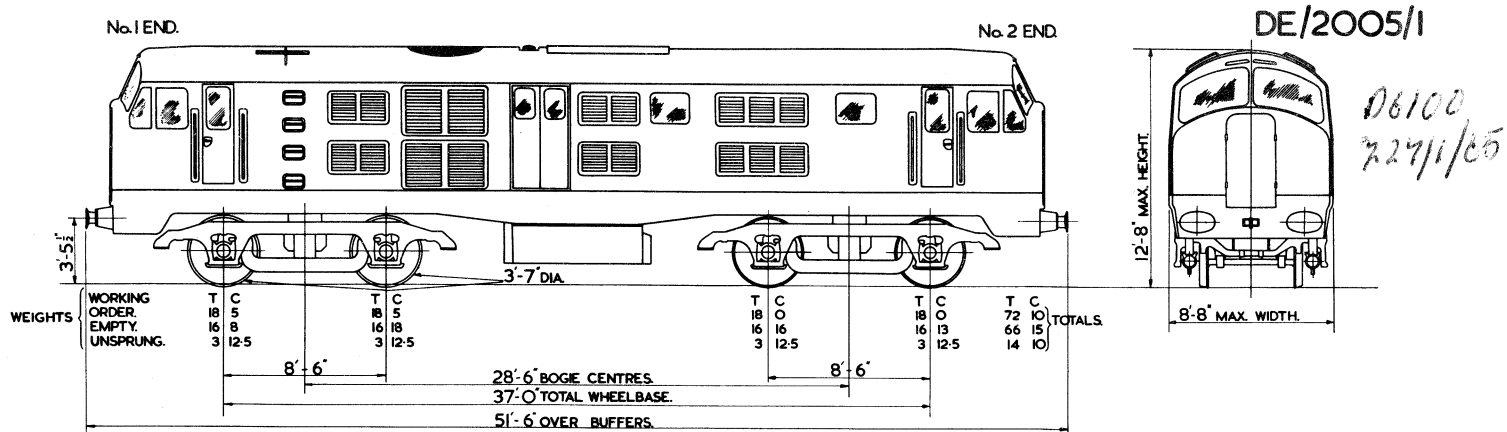
DE/2004/1



D5900
727/1

ENGINE.	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT	NAPIER DELTIC T9-29 9 CYLS. 2 STROKE. 1100 HP AT 1500RPM.	BRAKING.	TYPE FOR LOCO FOR TRAIN BRAKE FORCE % OF LOCO WEIGHT IN WORKING ORDER.	AIR VACUUM 82-5%.
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC. EE.835	SPEED.	MAX. PERMITTED SERVICE SPEED WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	75 MPH. 4 CHAINS.
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC. EE.533A. FOUR NOSE. SINGLE REDUCTION.	CURVE.	MIN. RAD. CURVE	4 CHAINS. STONE VAPOR. 1,600 LB/HOUR.
PERFORMANCE.	MAX. TRACTIVE EFFORT	47,000 LB. AT 29-1% ADHESION. AT 2,400 AMPS MAIN GENERATOR.	TRAIN HEATING EQUIPMENT	BOILER MAKE & TYPE. STEAMING CAPACITY.	450 GALLS.
	CONT. TRACTIVE EFFORT RAIL HP AT CONT. RATING. FULL. ENGINE OUTPUT	30,600 LB. AT 9-4 MPH. AT 1,700 AMPS MAIN GENERATOR. 768 HP AVAILABLE BETWEEN 7 & 75 MPH.	TANK CAPACITIES.	ENGINE FUEL. BOILER FUEL. BOILER WATER.	100 GALLS. 500 GALLS.

1100 H.P. E.E. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.



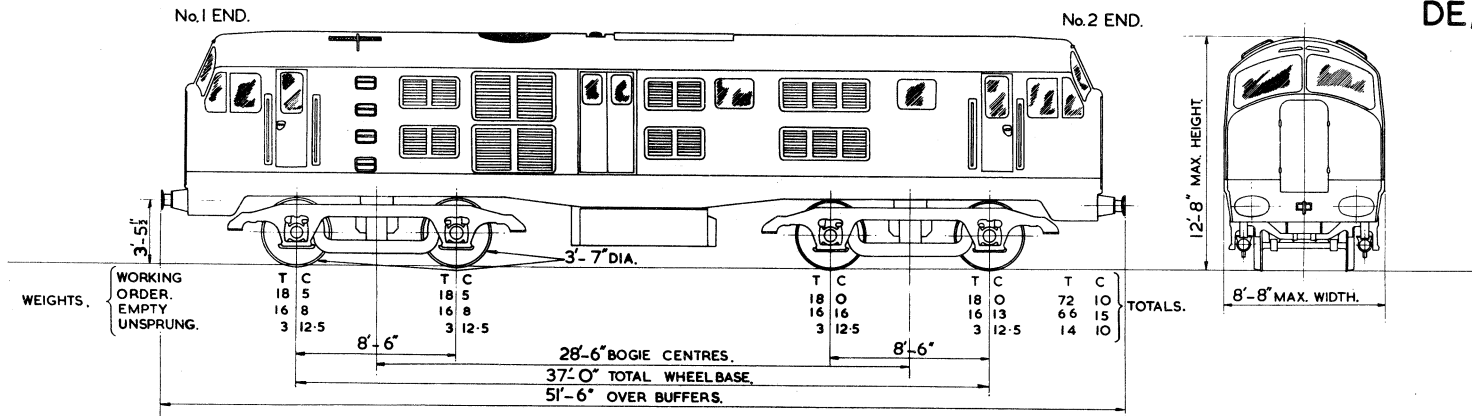
ENGINE.	MAKE & TYPE.	NBL/MAN. L12V18/21.							
	No. OF CYLS & CYCLE.	12 CYLS. 4 STROKE.							
MAIN GENERATOR	MAX. CONT. RATED OUTPUT.	1,000 HP AT 1,500 RPM.	BRAKING.	TYPE	{ FOR LOCO. FOR TRAIN.	AIR	VACUUM.		
	MAKE & TYPE.	G.E.C. WT 880.		BRAKE FORCE.	{ % OF LOCO. WEIGHT IN WORKING ORDER.	84%			
TRACTION MOTORS.	MAKE & TYPE.	G.E.C. WT 440.	SPEED.	MAX. PERMITTED SERVICE SPEED.		75 MPH.			
	No.	FOUR.	CURVE.	MIN. RAD. CURVE.	{ WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	4 1/2 CHAINS.			
	TYPE OF SUSPENSION.	NOSE.	TRAIN HEATING EQUIPMENT.	BOILER MAKE & TYPE.		4 1/2 CHAINS.			
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.		STEAMING CAPACITY.		SPANNER SWIRLYFLOW VERTICAL.			
	MAX. TRACTIVE EFFORT.	45,000 LB. AT 28% ADHESION.	TANK CAPACITIES.	ENGINE FUEL.		1,500 LB/HOUR.			
PERFORMANCE.	CONT. TRACTIVE EFFORT.	AT 2800 AMPS. MAIN GENERATOR.		BOILER FUEL.		360 GALLS.			
	RAIL HP AT CONT. RATING.	25,000 LB. AT 11 MPH.		BOILER WATER.		100 GALLS.			
	FULL ENGINE OUTPUT.	AT 1,700 AMPS. MAIN GENERATOR.				600 GALLS.			
		733 HP							
		AVAILABLE BETWEEN 4.3 & 75 MPH.							

06100-9

1000 H.P. N. B. L. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

DE/2005/2

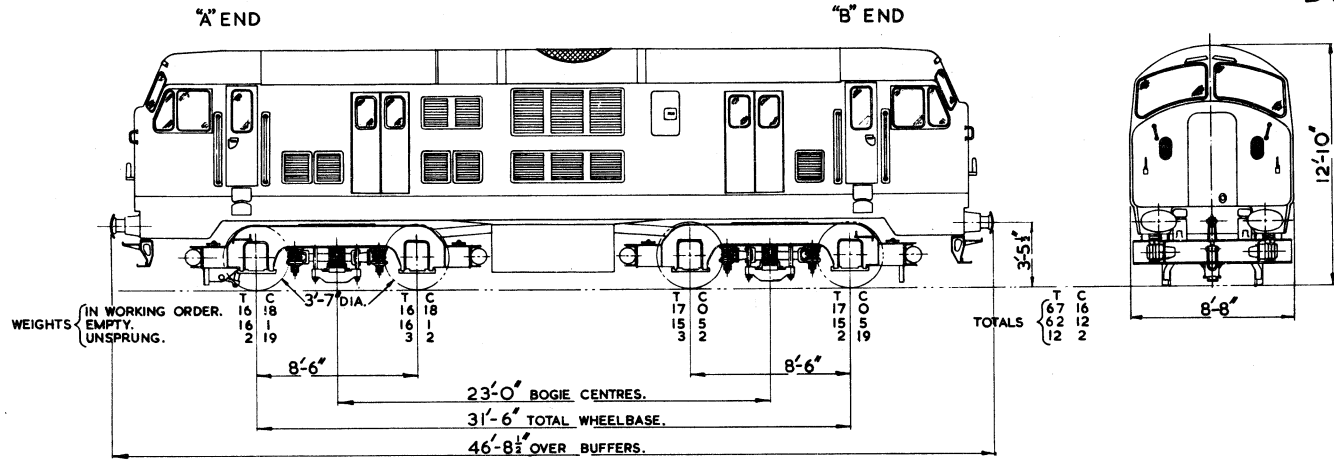
06110
227/1



ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	NBL/MAN L12V18/21BS. 12 CYLS. 4 STROKE. 1100 H.P. AT 1500 RPM.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO WEIGHT IN WORKING ORDER.	AIR. VACUUM. 84%.
MAIN GENERATOR.	{ MAKE & TYPE.	G.E.C. WT880A.	SPEED.	MAX. PERMITTED SERVICE SPEED	75 M.P.H.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	G.E.C. WT.440. FOUR. NOSE. SINGLE REDUCTION.	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. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	45,000 LB. AT 28% ADHESION AT 2800 AMP. MAIN GENERATOR. 30,000 LB. AT 10.2 M.P.H. AT 1940 AMP. MAIN GENERATOR. 816 H.P. AVAILABLE BETWEEN 5.2 & 64 M.P.H.	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER 'SWIRLYFLOW' VERTICAL. 1500 LB/HOUR.
			TANK CAPACITIES:	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	360 GALLS. 100 GALLS. 600 GALLS.

1100 H.P. N.B.L. TYPE 2 B-B DIESEL ELECTRIC LOCOMOTIVE.

DH/2100/1



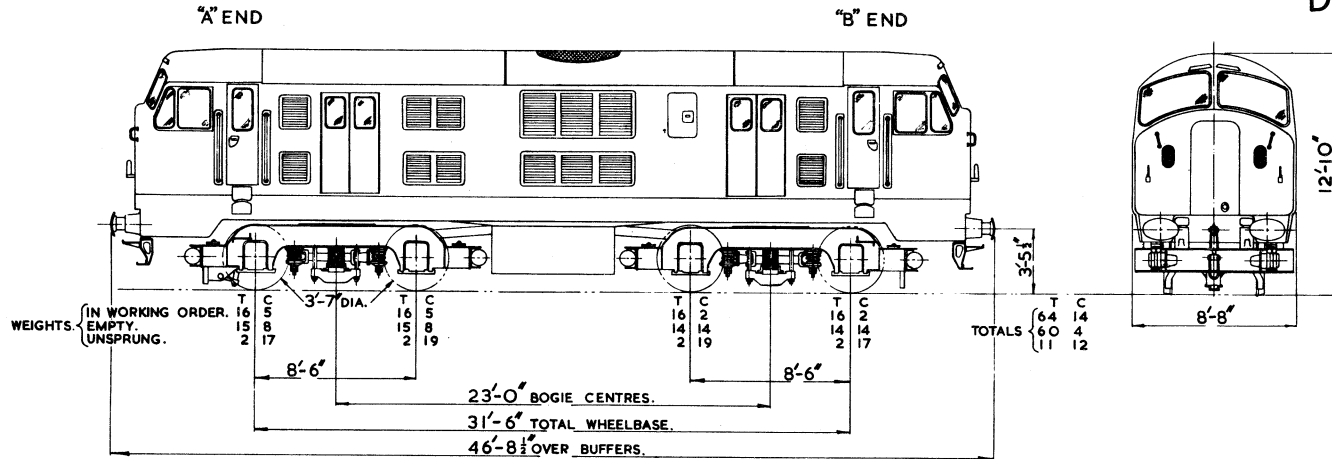
D6300
227/1

ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ONE. N.B.L.-M.A.N. L.12 V 18 / 21 B.S. 12 CYLS. 4 STROKE. 1000 H.P. AT 1445 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	VOITH-NORTH BRITISH L306r	CURVE.	MIN. RAD CURVE	{ WITHOUT GAUGE WIDENING. 4 1/2 CHAINS. AT DEAD SLOW SPEED. 4 1/4 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	41920 LB. AT 27.6% ADHESION. 23900 LB. AT 10.4 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLO. 1000 LB./ HOUR.
BRAKING.	{ TYPE { FOR LOCO. { FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT { IN WORKING ORDER.	AIR. VACUUM. 78.18%.	TANK CAPACITIES.	{ (ENGINE FUEL) { BOILER FUEL { BOILER WATER	450 GALLS. 500 GALLS.

D6300

1000 H.P. N.B.L. TYPE 2 B-B DIESEL HYDRAULIC LOCOMOTIVE.

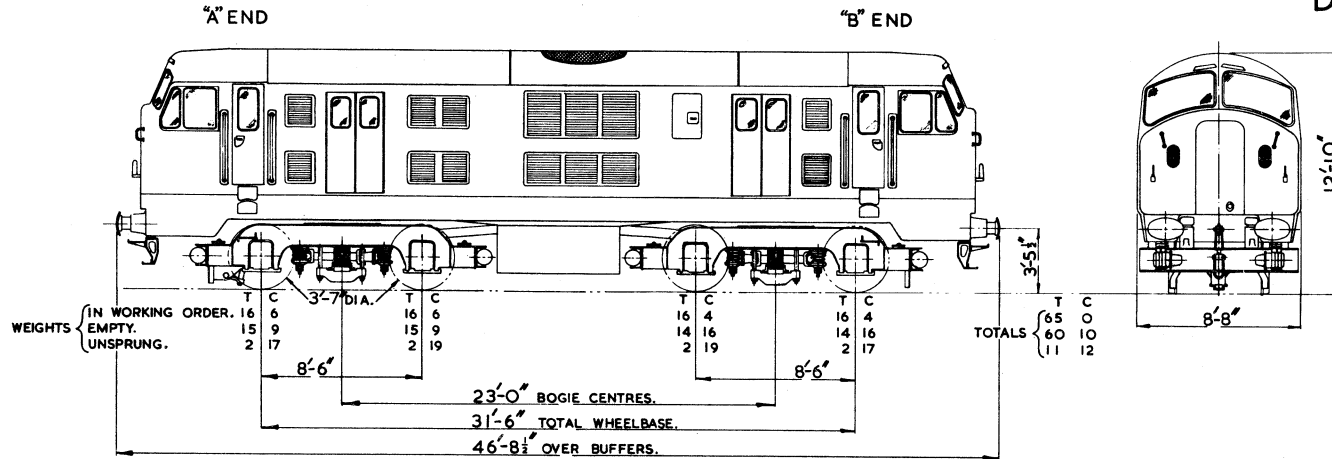
DH/2100/2

08306
227/1

ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ONE. N.B.L. -M.A.N. L.12 V 18/21 B.S. 12 CYLS. 4 STROKE. 1100 H.P. AT 1530 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED	75 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	VOITH-NORTH BRITISH LT. 306 r	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.	40000 L.B. AT 27.6 % ADHESION. 30000 L.B. AT 8 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	CLAYTON R.Q-100. 1000 LB./ HOUR.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 74.18%	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL BOILER WATER.	450 GALLS. 500 GALLS.

1100 H.P. N.B.L. TYPE 2 B-B DIESEL HYDRAULIC LOCOMOTIVE.

DH/2100/3



D6326
827/1/

ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ONE. N.B.L.-M.A.N. L.12 V18 / 21 B.S. 12 CYLS. 4 STROKE. 1100 H.P. AT 1530 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	75 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	VOITH-NORTH BRITISH LT.306r.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING: AT DEAD SLOW SPEED:	4½ CHAINS. 4½ CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	40180 LB. AT 27.6% ADHESION. 30000 LB. AT 8 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE-VAPOR OK.4610. 1000 LB./ HOUR.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 73-84 %.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL BOILER WATER.	450 GALLS. 500 GALLS.

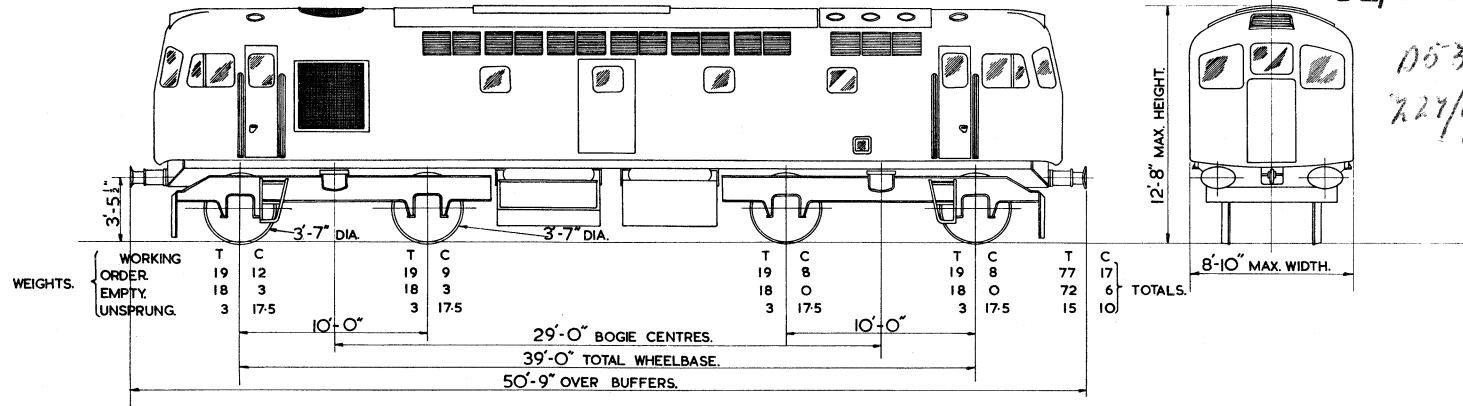
1100 H.P. N.B.L. TYPE 2 B-B DIESEL HYDRAULIC LOCOMOTIVE.

No. 1. END.

No. 2. END.

DE/2001/1

05300-55
727/4



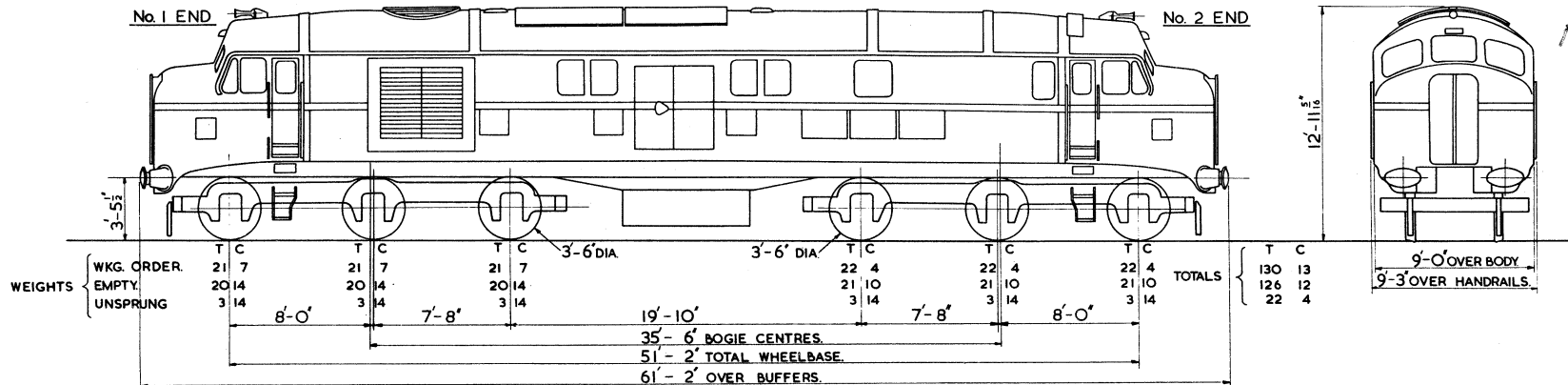
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 6LDA28. 6 CYLS. 4. STROKE. 1160 H.P. AT 750 R.P.M.	BRACING.	{ TYPE. { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	{ MAKE & TYPE.	CROMPTON PARKINSON 6699A1 <i>C.G. 391-A1</i>	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	<i>-75% 74°</i>
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	CROMPTON PARKINSON C17A1 FOUR. NOSE. SINGLE REDUCTION. 42,000 LB. AT 23% ADHESION. AT 2,240 AMPS. MAIN GENERATOR.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING AT DEAD SLOW SPEED.	75 M.P.H. 5 CHAINS. 4 1/2 CHAINS.
PERFORMANCE.	{ CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING. FULL ENGINE OUTPUT.	30,000 LB. AT 11-25 M.P.H. AT 1720 AMPS. MAIN GENERATOR. 900 H.P. AVAILABLE BETWEEN 7 & 75 MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR. 1500 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	500 GALLS. 100 GALLS. 550 GALLS.

05300-5519

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

DE/3000/I

10000-1
227/21



ENGINE.	MAKE & TYPE.	ENGLISH ELECTRIC 16 S.V.T. MK.I	TYPE.	{ FOR LOCO. FOR TRAIN	AIR VACUUM.
MAIN GENERATOR.	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.	BRAKING.	BRAKE FORCE. { % OF LOCO.WEIGHT IN WORKING ORDER.	68 %
	MAX. CONT. RATED OUTPUT.	1,600 HP AT 750 R.P.M.			
TRACTION MOTORS.	MAKE & TYPE.	ENGLISH ELECTRIC E.E. 823A	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No.	SIX.			
	TYPE OF SUSPENSION.	AXLE HUNG.			
TYPE OF GEAR DRIVE.	SOLID SPUR.				
PERFORMANCE.	MAX. TRACTIVE EFFORT.	42,000 LBS. AT 14.35% ADHESION.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY	SPANNER 'SWIRLYFLO 2000 LB/HOUR.
	CONT. TRACTIVE EFFORT	15,000 LBS. AT 32.4 M.P.H.			
	RAIL H.P. AT CONT. RATING.	1,295 H.P.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	900 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 8.2 & 74 M.P.H.			

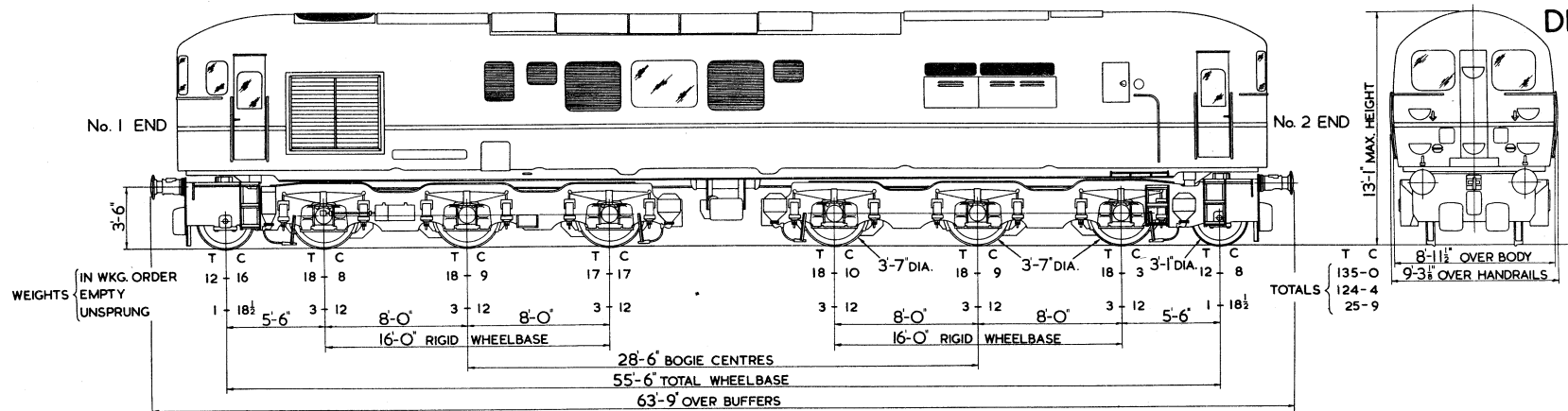
1600 H.P. B.R. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.

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10201-2

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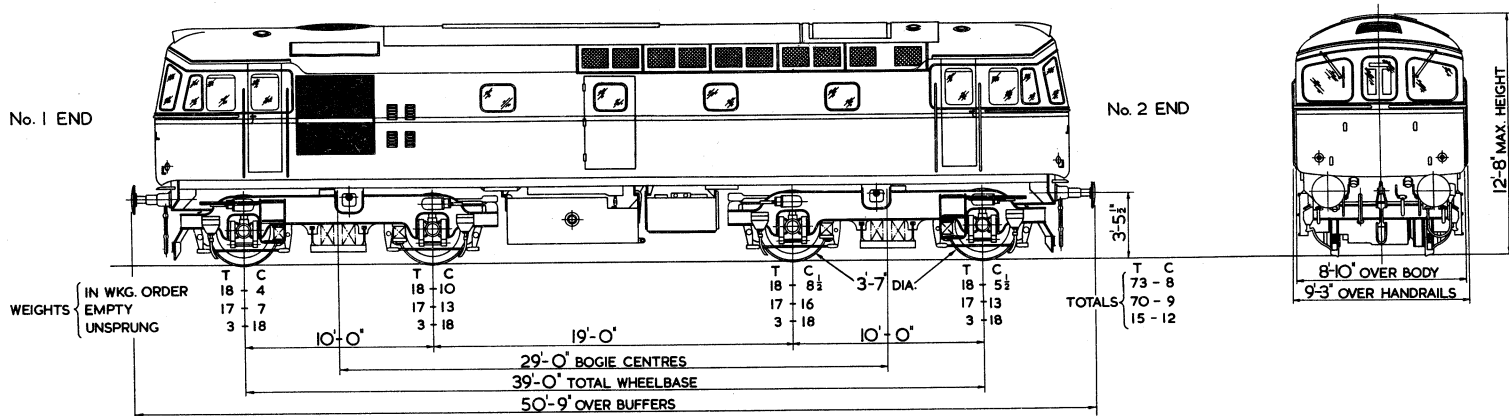
ENGINE	MAKE & TYPE	ENGLISH ELECTRIC 16 S.V.T.	BRAKING	TYPE { FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR
	No. OF CYLS. & CYCLE	16 CYLS. 4 STROKE		{ FOR TRAIN	AUTOMATIC VACUUM
	MAX. CONT. RATED OUTPUT	1600 H.P. AT 750 R.P.M.		BRAKE FORCE { % OF LOCO. WEIGHT	63%
MAIN GENERATOR	MAKE & TYPE	ENGLISH ELECTRIC E.E. 823 A	SPEED	{ IN WORKING ORDER	
	MAKE & TYPE	ENGLISH ELECTRIC E.E. 519/4D	CURVE	MAX. PERMITTED SERVICE SPEED	85 M.P.H.
TRACTION MOTORS	No.	SIX		MIN. RAD. CURVE WITHOUT GAUGE WIDENING	5 1/2 CHAINS
	TYPE OF SUSPENSION	NOSE	TRAIN HEATING	{ BOILER MAKE & TYPE	MODIFIED SPANNER
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	EQUIPMENT	{ STEAMING CAPACITY	1000-1200 LBS/HOUR
	MAX. TRACTIVE EFFORT	48000 LBS. AT 19.5% ADHESION			
		AT 3020 AMPS. MAIN GENERATOR			
PERFORMANCE	CONT. TRACTIVE EFFORT	21500 LBS. AT 24.5 M.P.H.	TANK CAPACITIES	{ ENGINE FUEL }	1180 GALLS.
		AT 1650 AMPS. MAIN GENERATOR		{ BOILER FUEL }	
	RAIL H.P. AT CONT. RATING	1405 H.P.		{ BOILER WATER }	880 GALLS.
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 70 M.P.H.			

10201-2

1600 H.P. B.R. TYPE 3 IC - CI DIESEL ELECTRIC LOCOMOTIVE.

DE/3002/1

D6500 1570
227/1

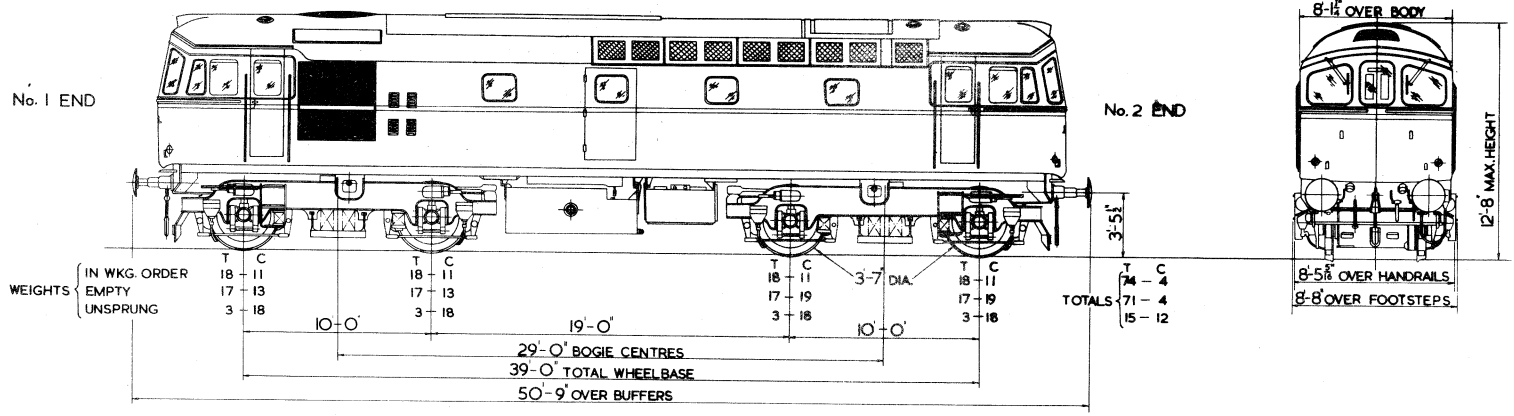


ENGINE	MAKE & TYPE	SULZER 8LDA 28	BRAKING	TYPE	FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR
	No. OF CYLS. & CYCLE	8 CYLS., 4 STROKE		FOR TRAIN		AUTOMATIC AIR & AIR CONTROLLED VACUUM
MAIN GENERATOR	MAKE & TYPE	CROMPTON PARKINSON CG 391 B1		BRAKE FORCE	% OF LOCO. WEIGHT	80%
	MAKE & TYPE	CROMPTON PARKINSON C 171C2	SPEED	IN WORKING ORDER		85 M.P.H.
TRACTION MOTORS	No.	FOUR	CURVE	MAX. PERMITTED SERVICE SPEED		4 CHAINS
	TYPE OF SUSPENSION	AXLE		MIN. RAD. CURVE WITHOUT GAUGE WIDENING		
	TYPE OF GEAR DRIVE	SINGLE REDUCTION	TRAIN HEATING EQUIPMENT		ELECTRIC GENERATOR MAKE & TYPE	CROMPTON PARKINSON CAG 392 AI
	MAX. TRACTIVE EFFORT	45000 LBS. AT 27.3% ADHESION			DRIVEN BY	ENGINE
		AT 2620 AMPS. MAIN GENERATOR			CONT. OUTPUT	235 K.W. AT 750 VOLTS
PERFORMANCE	CONT. TRACTIVE EFFORT	26000 LBS. AT 17.5 M.P.H.	TANK CAPACITY	ENGINE FUEL		800 GALLS.
		AT 1760 AMPS. MAIN GENERATOR				
	RAIL H.P. AT CONT. RATING	1215 H.P.				
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.				

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

DE/3002/2

D6580-6597



ENGINE	MAKE & TYPE	SULZER 8LDA28	BRAKING	TYPE	FOR LOCO.	STRAIGHT AIR & AUTOMATIC AIR
	No. OF CYLS. & CYCLE	8 CYLS. 4 STROKE			FOR TRAIN	AUTOMATIC AIR & AIR CONTROLLED VACUUM
	MAX. CONT. RATED OUTPUT	1550 H.P. AT 750 R.P.M.		BRAKE FORCE	% OF LOCO. WEIGHT	79%
MAIN GENERATOR	MAKE & TYPE	CROMPTON PARKINSON C G 391 BI	SPEED		IN WORKING ORDER	
	MAKE & TYPE	CROMPTON PARKINSON C17IC2	CURVE	MAX. PERMITTED SERVICE SPEED		85 M.P.H.
TRACTION MOTORS	No.	FOUR		MIN. RAD. CURVE WITHOUT GAUGE WIDENING		4 CHAINS
	TYPE OF SUSPENSION	AXLE	TRAIN HEATING EQUIPMENT	ELECTRIC GENERATOR MAKE & TYPE		CROMPTON PARKINSON CAG 392 AI
	TYPE OF GEAR DRIVE	SINGLE REDUCTION		DRIVEN BY		ENGINE
	MAX. TRACTIVE EFFORT	45000 LBS. AT 27% ADHESION		CONT. OUTPUT		235 K.W. AT 750 VOLTS
	AT 2620 AMPS. MAIN GENERATOR		TANK CAPACITY	ENGINE FUEL		800 GALLS.
PERFORMANCE	CONT. TRACTIVE EFFORT	26000 LBS. AT 17.5 M.P.H.				
	AT 1760 AMPS. MAIN GENERATOR					
	RAIL H.P. AT CONT. RATING	1215 H.P.				
	FULL ENGINE OUTPUT	AVAILABLE BETWEEN 10 & 80 M.P.H.				

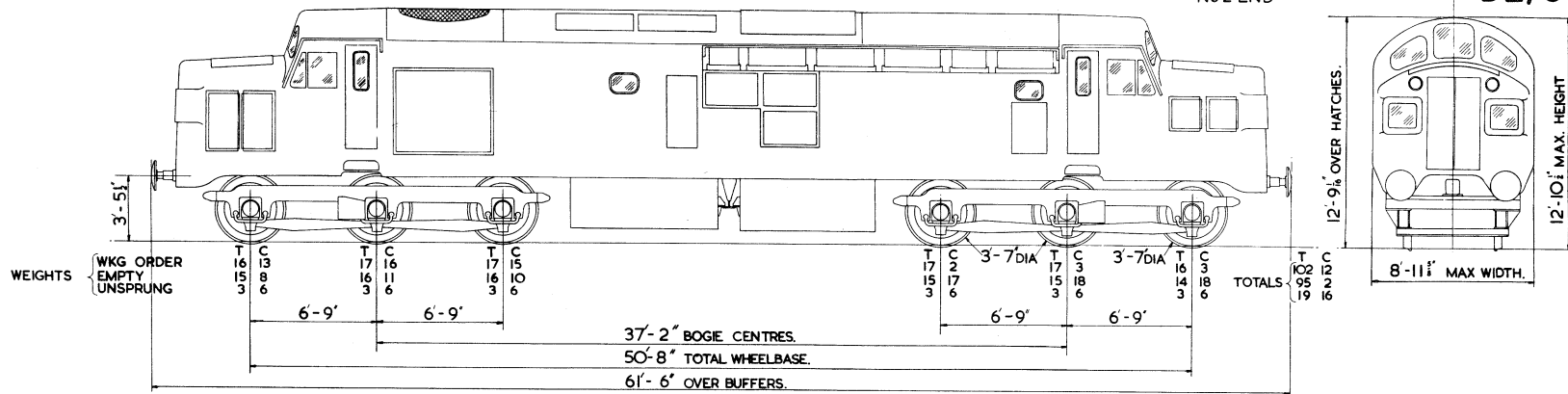
1550 H.P. B.R.C.W. TYPE 3 B-B DIESEL ELECTRIC LOCOMOTIVE.

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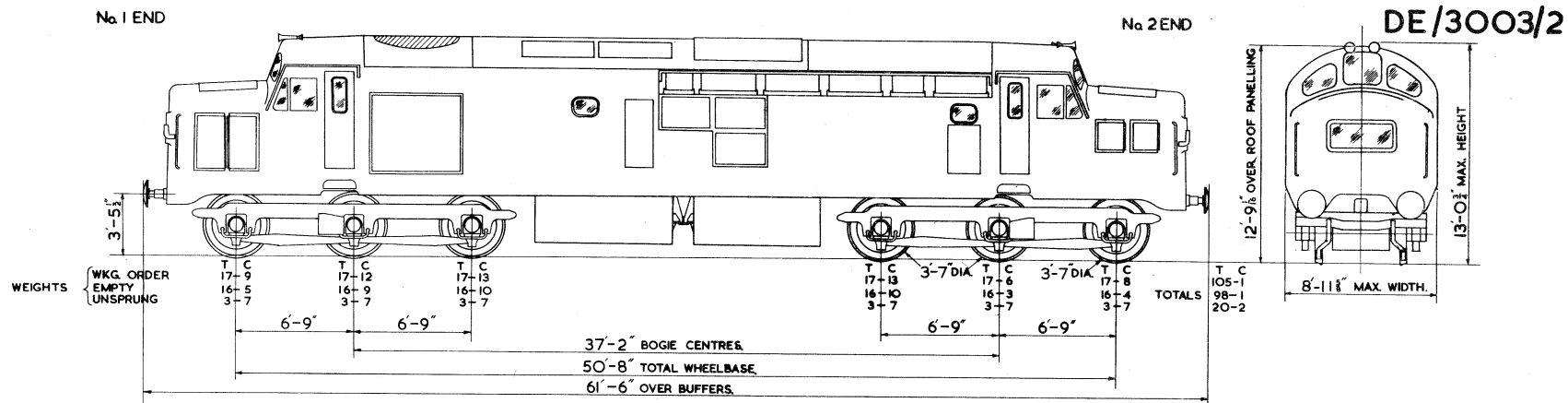
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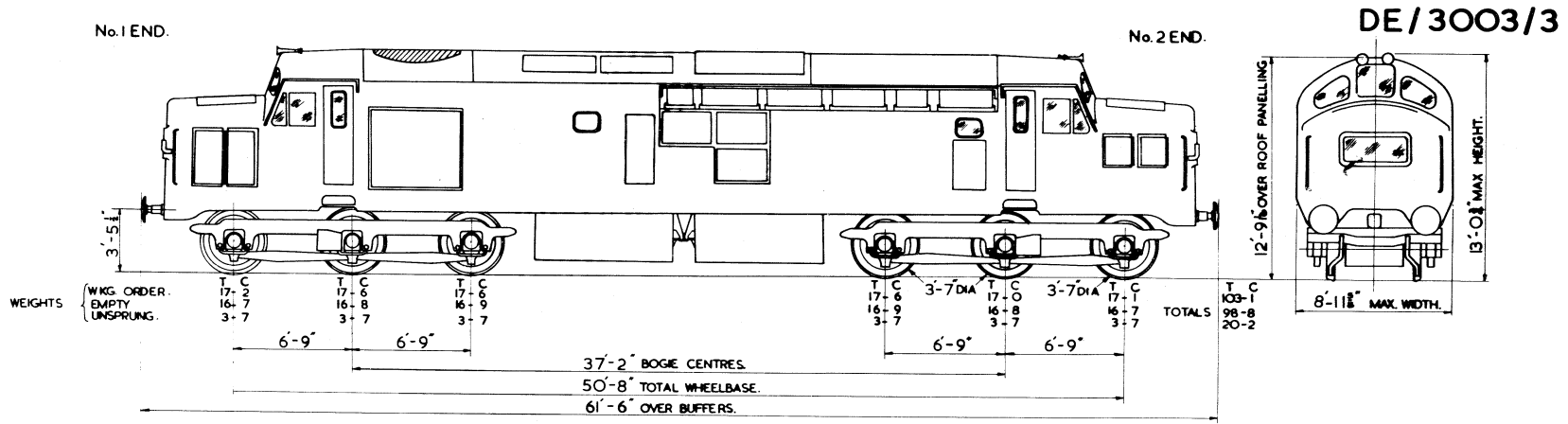
ENGINE	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC 12CSVT. 12 CYLS. 4 STROKE. 1750 HP. AT 850 RPM.	BRAKING	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE EE 822/10G.	SPEED	BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	82.5%
TRACTION MOTORS	MAKE & TYPE. No. TYPE OF SUSPENSION TYPE OF GEAR DRIVE	ENGLISH ELECTRIC EE538/A. SIX. NOSE. SINGLE REDUCTION.	CURVE	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 MPH. 4 CHAINS. 4 CHAINS.
PERFORMANCE	MAX. TRACTIVE EFFORT CONT. TRACTIVE EFFORT RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT	55500 LB. AT 24.1% ADHESION. AT 2600 AMPS. MAIN GENERATOR. 35000 LB. AT 13.6 MPH. AT 1800 AMPS. MAIN GENERATOR. 1250 HP AVAILABLE BETWEEN 10 & 79 MPH.	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	CLAYTON RO 2500/3. 2000 LB/HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	800 GALLS. 120 GALLS. 800 GALLS.

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



ENGINE	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC I2CSVT. 12CYLS. 4 STROKE. 1750HP AT 850 RPM	BRAKING	TYPE FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	80-7%
TRACTION MOTORS	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE	ENGLISH ELECTRIC EE538/A. SIX NOSE SINGLE REDUCTION	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90MPH. 4CHAINS 4CHAINS
PERFORMANCE	MAX. TRACTIVE EFFORT CONT. TRACTIVE EFFORT RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT	55500LB. AT 23.6% ADHESION. AT 2600AMPS. MAIN GENERATOR. 35000LB. AT 13.6MPH. AT 1800AMPS. MAIN GENERATOR. 1250HP AVAILABLE BETWEEN 10 & 79MPH.	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE. STEAMING CAPACITY	CLAYTON RO-2500/2 2500LB/HOUR
			TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	830 GALLS. 120 GALLS. 800 GALLS.

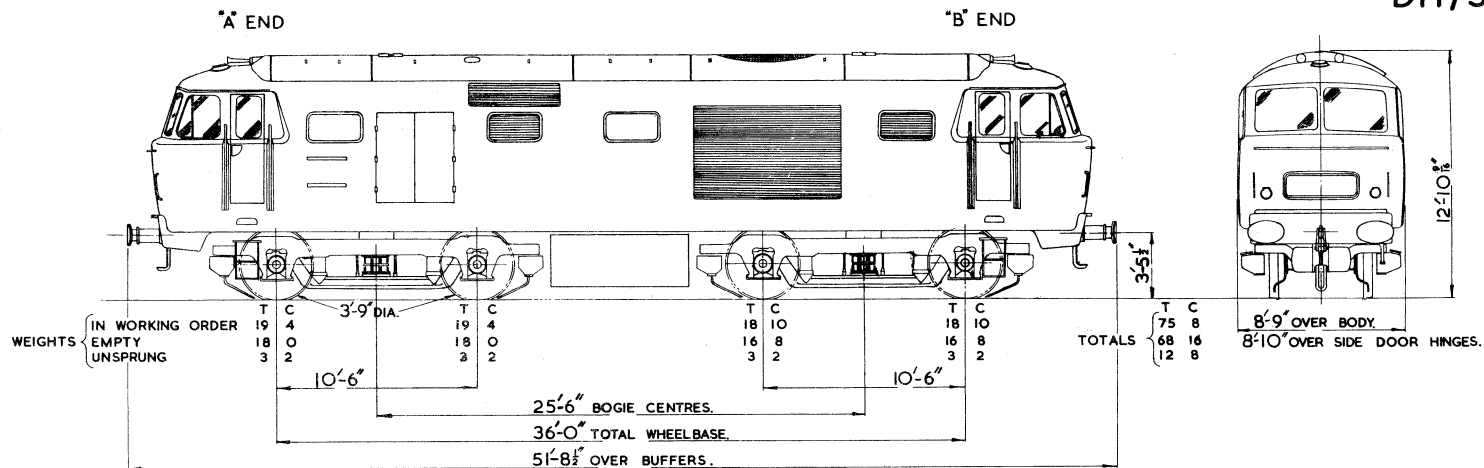
1750 H.P. E.E. TYPE 3 C-C DIESEL ELECTRIC LOCOMOTIVE.



ENGINE	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	ENGLISH ELECTRIC I2CSVT. 12CYLS 4 STROKE. 1750HP AT 850 RPM.			
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC TYPE 822/10G.	BRAKING	TYPE FOR LOCO. FOR TRAIN.	AIR VACUUM
TRACTION MOTORS	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	ENGLISH ELECTRIC EE538/A. SIX NOSE SINGLE REDUCTION.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	82-3 %
PERFORMANCE	MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL HP AT CONT. RATING FULL ENGINE OUTPUT	55500LB AT 23-6% ADHESION. AT 2600AMPS. MAIN GENERATOR. 35000LB AT 13-6MPH. AT 1800AMPS. MAIN GENERATOR 1250HP AVAILABLE BETWEEN 10 & 79 MPH.	CURVE.	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90MPH. 4 CHAINS. 4 CHAINS.
			TANK CAPACITIES. ENGINE FUEL.		950 GALLS

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

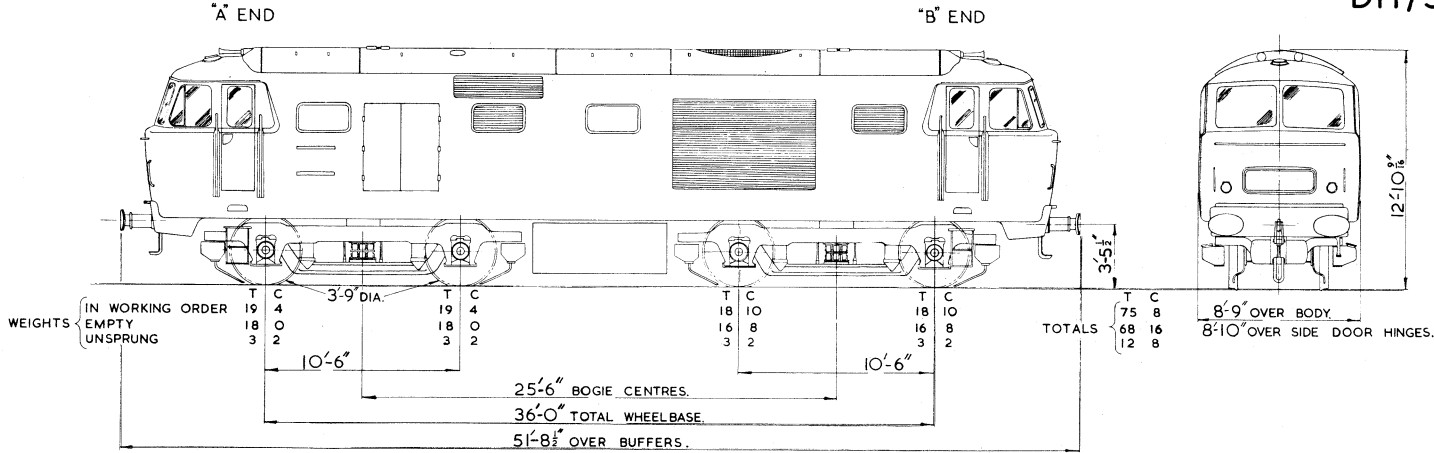
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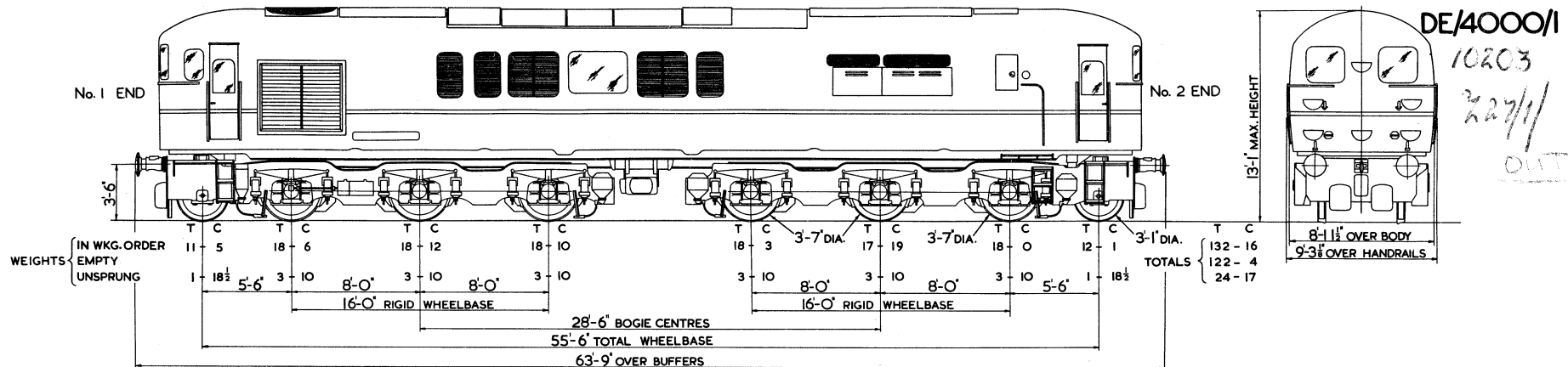
ENGINE.	No. MAKE & TYPE.	ONE. MAYBACH M.D. 870.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.	CURVE.	MIN. RAD. CURVE	{ WITHOUT GAUGE WIDENING: 4 CHAINS.
	MAX. CONT. RATED OUTPUT.	1700 H.P. AT 1500 R.P.M.			{ AT DEAD SLOW SPEED: 4 CHAINS.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	MEKYDRO K.184 u.	TRAIN HEATING	BOILER MAKE & TYPE.	STONE VAPOR O.K. 4616.
PERFORMANCE.	MAX. TRACTIVE EFFORT.	46600 LB. AT 27.6% ADHESION.	EQUIPMENT.	STEAMING CAPACITY.	2000 LB./ HOUR.
	CONT. TRACTIVE EFFORT.	33950 LB. AT 12.5 M.P.H.	TANK CAPACITIES	{ ENGINE FUEL.	800 GALLS.
	TYPE	{ FOR LOCO. AIR.		{ BOILER FUEL.	800 GALLS.
		{ FOR TRAIN. VACUUM.		{ BOILER WATER	
BRAKING.	TYPE				
	BRAKE FORCE	{ % OF LOCO. WEIGHT IN WORKING ORDER. 73.3%.			

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



ENGINE.	No. MAKE & TYPE.	ONE. MAYBACH M.D. 870.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.	CURVE.	MIN. RAD. CURVE	{ WITHOUT GAUGE WIDENING. 4 CHAINS.
TRANSMISSION.	MAX. CONT. RATED OUTPUT.	1700 H.P. AT 1500 R.P.M.			{ AT DEAD SLOW SPEED. 4 CHAINS.
PERFORMANCE	TYPE & OTHER PARTICULARS.	MEKYDRO K.184 u.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE.	SPANNER.
	MAX. TRACTIVE EFFORT.	46600 LB. AT 27.6% ADHESION.		{ STEAMING CAPACITY.	2000 LB./ HOUR.
	CONT. TRACTIVE EFFORT.	33950 LB. AT 12.5 M.P.H.	TANK CAPACITIES.	{ ENGINE FUEL.	800 GALLS.
BRAKING.	TYPE { FOR LOCO.	AIR.		{ BOILER FUEL.	800 GALLS.
	{ FOR TRAIN.	VACUUM.		{ BOILER WATER	
	BRAKE FORCE { % OF LOCO. WEIGHT	73.3 %.			
	{ IN WORKING ORDER.				

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

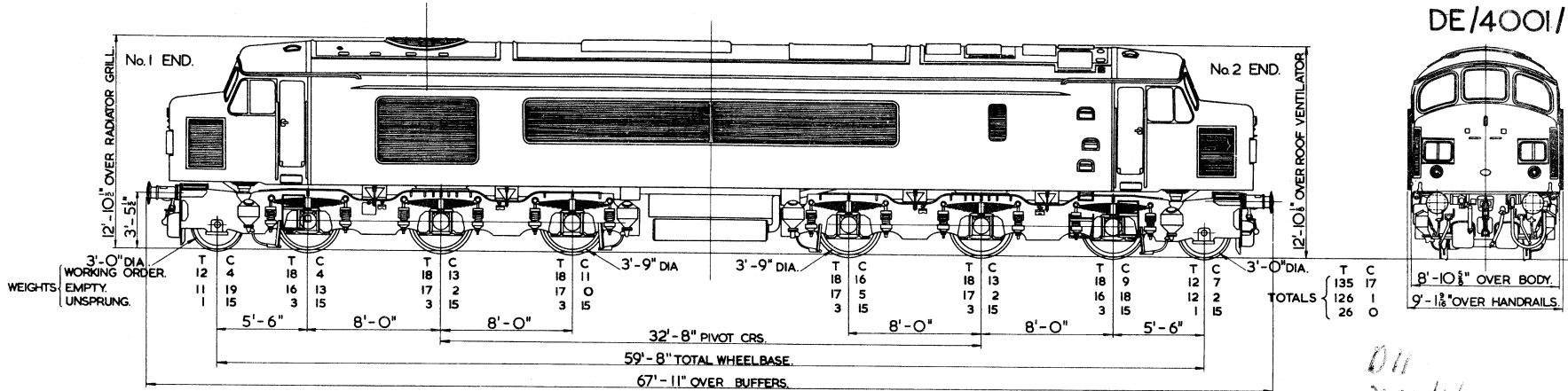


ENGINE	MAKE & TYPE No. OF CYLS. & CYCLE MAX. CONT. RATED OUTPUT	ENGLISH ELECTRIC 16 S.V.T. 16 CYLS. 4 STROKE 2000 H.P. AT 850 R.P.M.	BRAKING	TYPE { FOR LOCO. FOR TRAIN	STRAIGHT AIR & AUTOMATIC AIR AUTOMATIC VACUUM
MAIN GENERATOR	MAKE & TYPE	ENGLISH ELECTRIC E.E. 822/1B	SPEED	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	64 %
TRACTION MOTORS	MAKE & TYPE No. TYPE OF SUSPENSION TYPE OF GEAR DRIVE MAX. TRACTIVE EFFORT	ENGLISH ELECTRIC E.E. 526 A SIX NOSE SINGLE REDUCTION 50000 LBS. AT 20.4% ADHESION	CURVE	MAX. PERMITTED SERVICE SPEED MIN. RAD. CURVE WITHOUT GAUGE WIDENING	85 M.P.H. 5 1/2 CHAINS
PERFORMANCE	CONT. TRACTIVE EFFORT RAIL H.P. AT CONT. RATING FULL ENGINE OUTPUT	30000 LBS. AT 19.5 M.P.H. AT 1750 AMPS. MAIN GENERATOR 1560 H.P. AVAILABLE BETWEEN 11 & 70 M.P.H.	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE STEAMING CAPACITY	B.R. RLYS. 2000 LBS./HOUR
			TANK CAPACITIES	{ ENGINE FUEL BOILER FUEL BOILER WATER	1180 GALLS. 840 GALLS.

2000 H.P. B.R. TYPE 4 IC-C1 DIESEL ELECTRIC LOCOMOTIVE.

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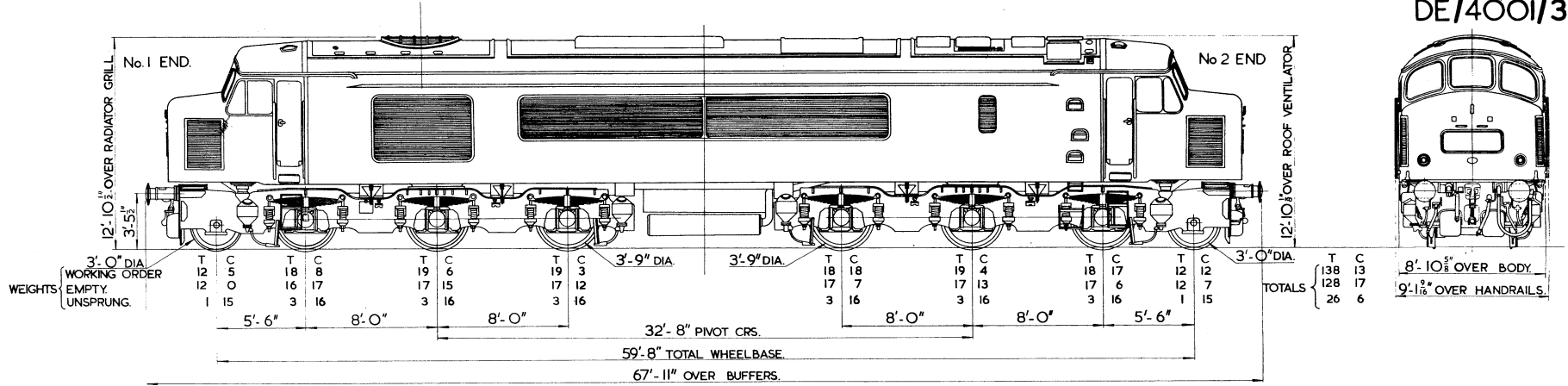
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ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE.	SULZER 12 LDA. 28 B. 12 CYL. 4 STROKE.	BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR	{ MAX. CONT. RATED OUTPUT.	2500 H.P. AT 750 R.P.M.	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT. IN WORKING ORDER.	78 %.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	CROMPTON PARKINSON CG. 426 AI. CROMPTON PARKINSON C. 172 AI. SIX. NOSE. STRAIGHT SPUR.	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	90 MPH. 5 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	55 000 LBS. AT 22.1% ADHESION. AT 4200 AMPS. MAIN GENERATOR. 30 000 LBS. AT 25 M.P.H. AT 2670 AMPS. MAIN GENERATOR. 2 000 H.P. AVAILABLE BETWEEN 12 & 82 MPH.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR OK.4625. 2750 LBS/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	840 GALLS. 1340 GALLS.

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

D 11 - 49
D 68 - 137



WEIGHTS
 WORKING ORDER T 12 C 5
 EMPTY O 12 O 16
 UNSPRUNG. I 15

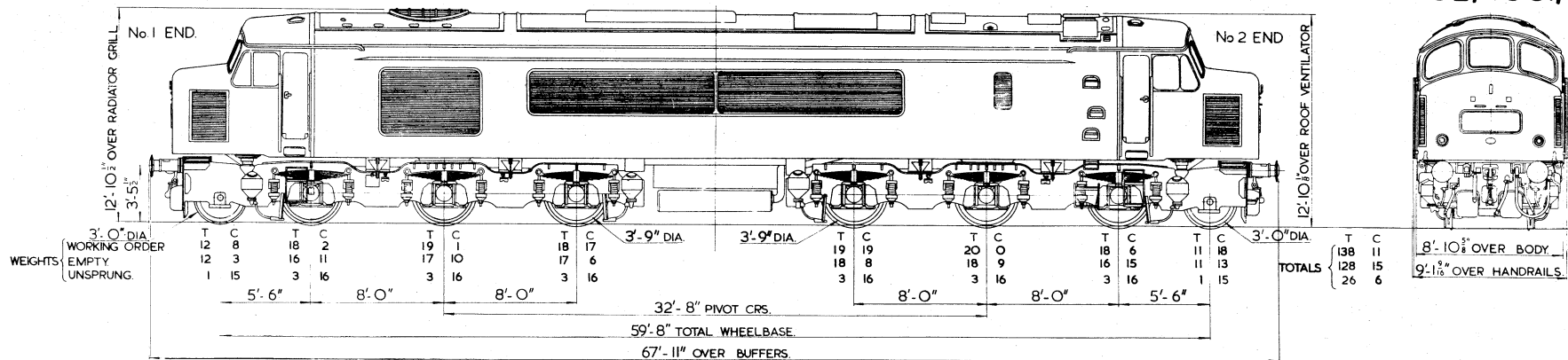
TOTALS
 T 138 C 13
 128 17
 26 6

8'-10 5/8" OVER BODY.
 9'-1 1/8" OVER HANDRAILS.

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.	BRACING.	{ TYPE. { FOR LOCO. FOR TRAIN.	AIR VACUUM.
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH E.E. Co.LTD. TG. 160-60	SPEED.	{ BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	76.5%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH E.E. Co.LTD. T.M. 73-68 M ^{III} . SIX. NOSE. STRAIGHT SPUR	CURVE.	{ MAX. PERMITTED SERVICE SPEED. MIN. RAD. CURVE. { WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED	90 M.P.H. 5 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	55000 LBS. AT 21.6 % ADHESION. AT 3300 AMPS MAIN GENERATOR. 31600 LBS. AT 23.3 M.P.H. AT 2100 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 LBS/HOUR
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	835 GALLS. 1340 GALLS.

2500 H.P. BR TYPE 4 ICCI DIESEL ELECTRIC LOCOMOTIVE.

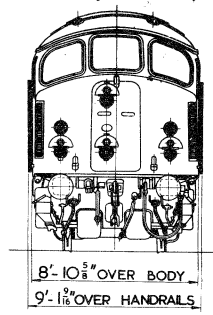
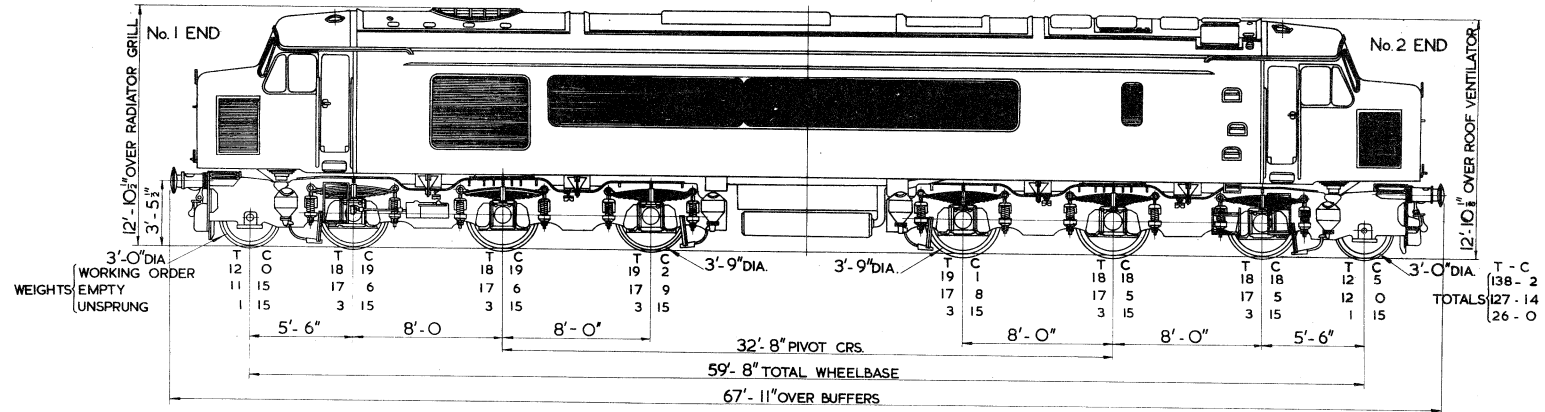
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ENGINE	MAKE & TYPE No OF CYLS & CYCLE MAX CONT. RATED OUTPUT	SULZER 12 LDA 28 B. 12 CYL. 4 STROKE. 2500 H.P. AT 750 R.P.M.	BRAKING	TYPE { FOR LOCO FOR TRAIN.	AIR VACUUM
MAIN GENERATOR	MAKE & TYPE	BRUSH E.E. Co. LTD. TG 160-60	BRAKE FORCE	{ % OF LOCO WEIGHT { IN WORKING ORDER.	76.6%
TRACTION MOTORS	MAKE & TYPE No TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH E.E. Co. LTD. TM. 73-68 M ^{III} SIX. NOSE. STRAIGHT SPUR	SPEED	MAX. PERMITTED SERVICE SPEED	90 M.P.H.
PERFORMANCE	MAX TRACTIVE EFFORT. CONT TRACTIVE EFFORT RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	55000 LBS. AT 21.5 % ADHESION AT 3300 AMPS MAIN GENERATOR. 31600 LBS. AT 23.3 MPH AT 2100 AMPS MAIN GENERATOR. 1962 H.P. AVAILABLE BETWEEN 11.2 & 85 MPH.	CURVE	MIN. RAD. CURVE { WITHOUT GAUGE WIDENING. { AT DEAD SLOW SPEED	5 CHAINS.
			TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE. { STEAMING CAPACITY.	SPANNER SWIRLYFLO MK. III 2000 LBS/HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. { BOILER FUEL. { BOILER WATER.	835 GALLS. 1340 GALLS.

2500 H.P. BR. TYPE 4 ICCI DIESEL ELECTRIC LOCOMOTIVE.

DE/4001/5

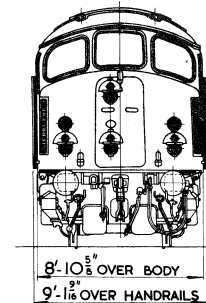
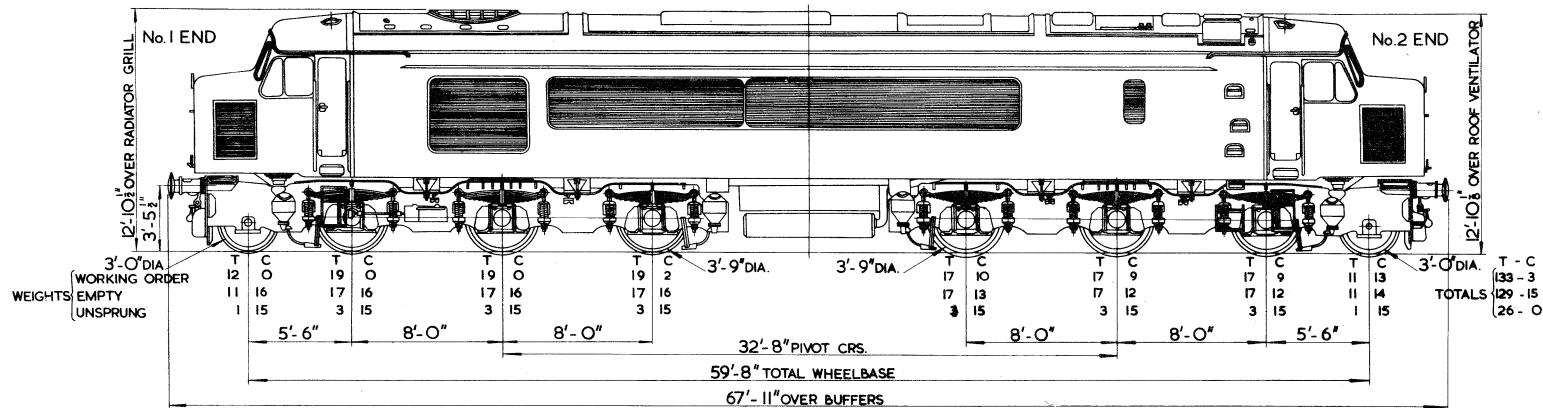


ENGINE.	MAKE & TYPE No. OF CYLS. & CYCLE MAX. CONT. RATED OUTPUT	SULZER 12 LDA. 28. 12 CYL. 4 STROKE. 2300 H.P. AT 750 R.P.M.	BRAKING	TYPE. { FOR LOCO. FOR TRAIN.	AIR. VACUUM.	
MAIN GENERATOR.	MAKE & TYPE	CROMPTON PARKINSON CG. 426 A.I.	SPEED.	BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER	76.7%	
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	CROMPTON PARKINSON C. 171 B.I. SIX. NOSE. SINGLE REDUCTION. 57/22	CURVE.		MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
PERFORMANCE.	MAX. TRACTIVE EFFORT CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	50000 LB. AT 19.6% ADHESION AT 4050 AMPS. MAIN GENERATOR. 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	WITHOUT GAUGE WIDENING. AT DEAD SLOW SPEED.	5 CHAINS. STONE VAPOR OK 4625. 2750 LB/HOUR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	840 GALLS. 1340 GALLS.	

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

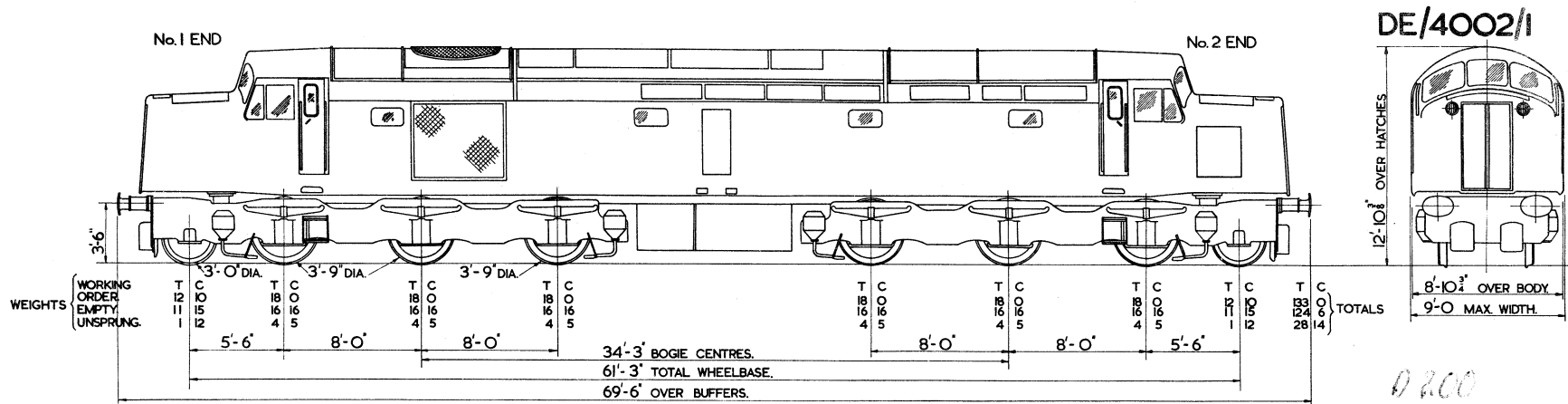
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DE/4001/6



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 MAX. TRACTIVE EFFORT	CROMPTON PARKINSON C.G.426 A.I. 50000 LB. AT 20.0% ADHESION	SPEED.	{ BRAKE FORCE { % OF LOCO. WEIGHT { IN WORKING ORDER.	79.5%
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	CROMPTON PARKINSON C.171 B.I. SIX. NOSE. SINGLE REDUCTION. 57/22	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.	AT 2640 AMPS. MAIN GENERATOR. 29100 LB. AT 23.2 M.P.H. 1800 H.P AVAILABLE BETWEEN 8.25 & 82.5 M.P.H.	TRAIN HEATING EQUIPMENT	{ BOILER MAKE & TYPE STEAMING CAPACITY	840 GALLS.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	

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

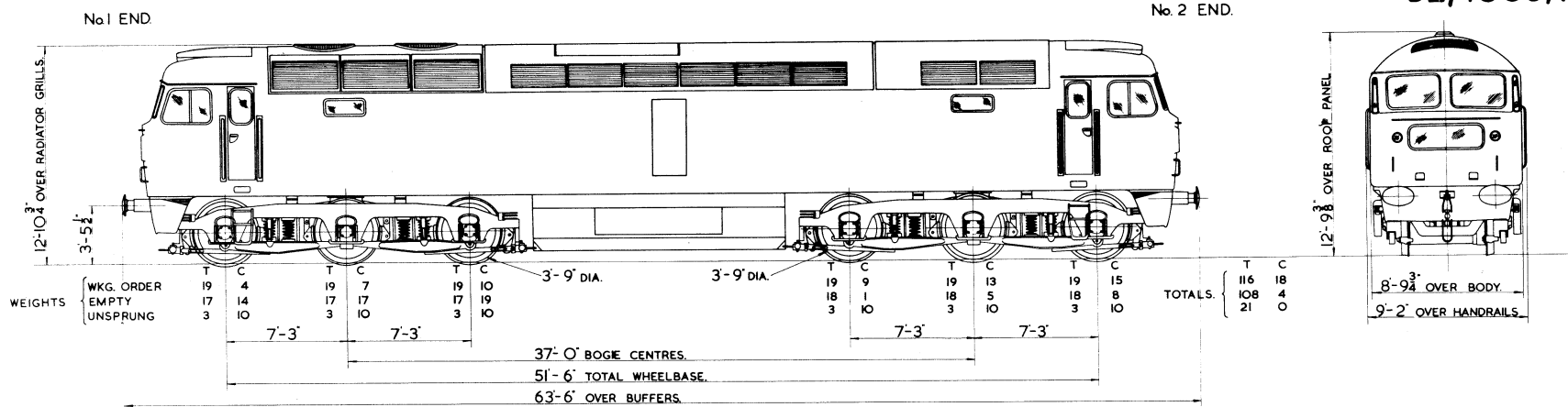


D 200
227/11

ENGINE	MAKE & TYPE.	ENGLISH ELECTRIC. 16SVT. MK.II.			
	No. OF CYLS. & CYCLE.	16 CYLS. 4 STROKE.			
	MAX. CONT. RATED OUTPUT.	2,000 HP AT 850 R.P.M.	BRAKING.	TYPE	FOR LOCO. FOR TRAIN.
MAIN GENERATOR	MAKE & TYPE.	ENGLISH ELECTRIC. TYPE EE.822.		} % OF LOCO. WEIGHT IN WORKING ORDER.	AIR VACUUM.
	MAKE & TYPE.	ENGLISH ELECTRIC. EE.526/5D.			BRAKE FORCE
TRACTION MOTORS.	No.	SIX.	SPEED	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
	TYPE OF SUSPENSION.	NOSE.	CURVE	MIN. RAD. CURVE	WITHOUT GAUGE WIDENING AT DEAD SLOW SPEED.
	TYPE OF GEAR DRIVE.	SINGLE REDUCTION.	TRAIN HEATING	} BOILER MAKE & TYPE. STEAMING CAPACITY.	4 1/2 CHAINS. 4 CHAINS.
	MAX. TRACTIVE EFFORT.	52,000 LB. AT 21.5% ADHESION.	EQUIPMENT.		AT DEAD SLOW SPEED.
PERFORMANCE.	CONT. TRACTIVE EFFORT.	30,900 LB. AT 18.8 M.P.H.	TANK CAPACITIES.	ENGINE FUEL.	2,000 LB/HOUR
	RAIL HP. AT CONT. RATING.	1,550 HP		BOILER FUEL.	700 GALLS.
	FULL ENGINE OUTPUT.	AVAILABLE BETWEEN 10 & 79 M.P.H.		BOILER WATER.	200 GALLS. 800 GALLS.

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

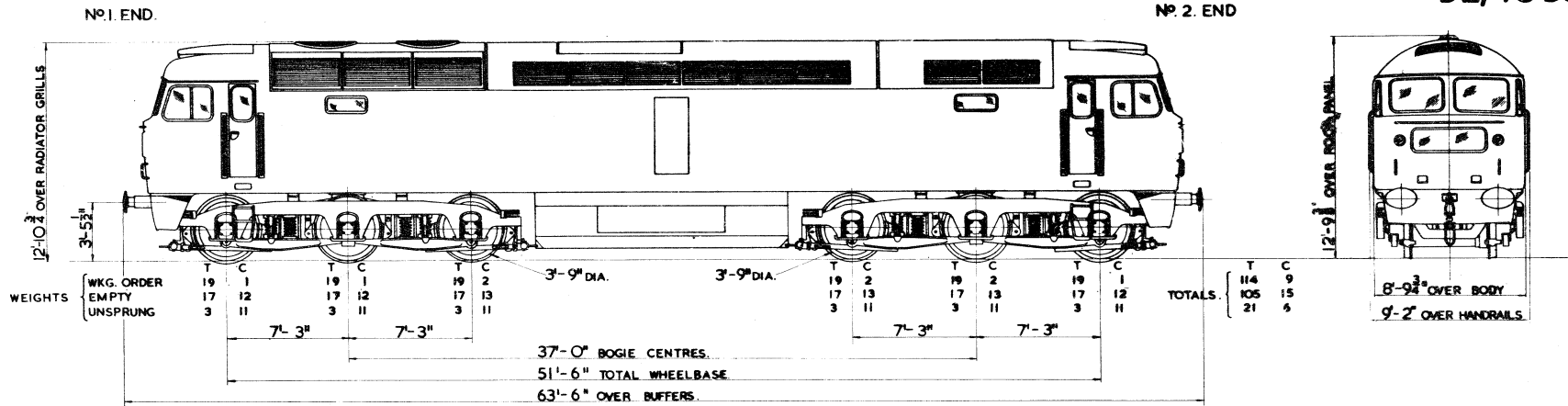
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ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28C	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	AIR VACUUM
	No. OF CYLS & CYCLE.	12 CYL.; 4 STROKE		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	85 %
	MAX. CONT. RATED OUTPUT.	2750 HP AT 800 R.P.M.			
MAIN GENERATOR.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

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

DE/4003/2



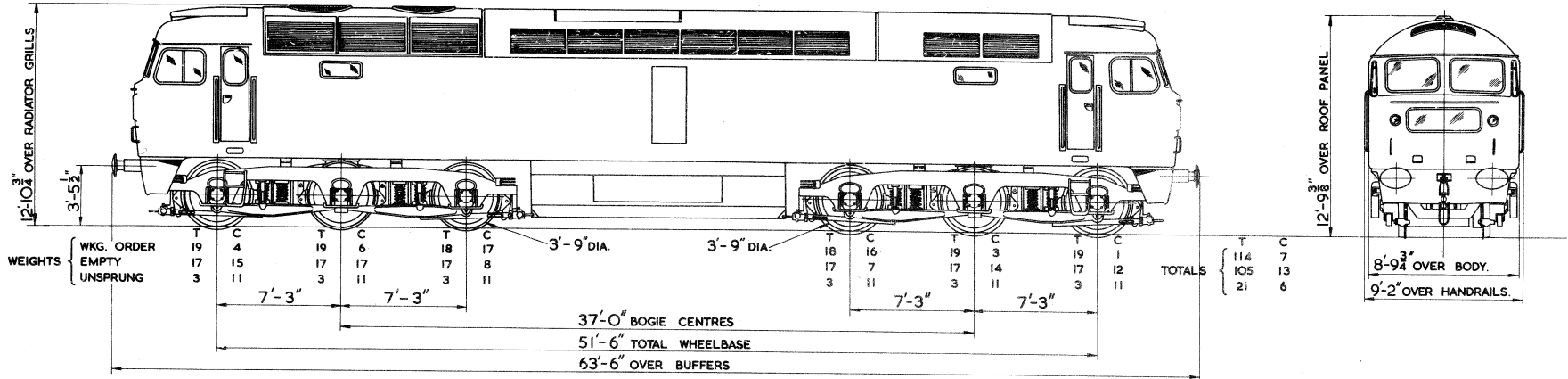
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA 28C 12 CYL. 4 STROKE 2750 HP AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR VACUUM 87%
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH TG 160-60 MK.2. BRUSH 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 24.2% 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 M.P.H. AT 2130 AMPS. MAIN GENERATOR 2160 HP AVAILABLE BETWEEN 10.5 & 85 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER MARK III 2500 LB/HR
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	810 GALLONS 1250 GALLONS

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

No.1 END.

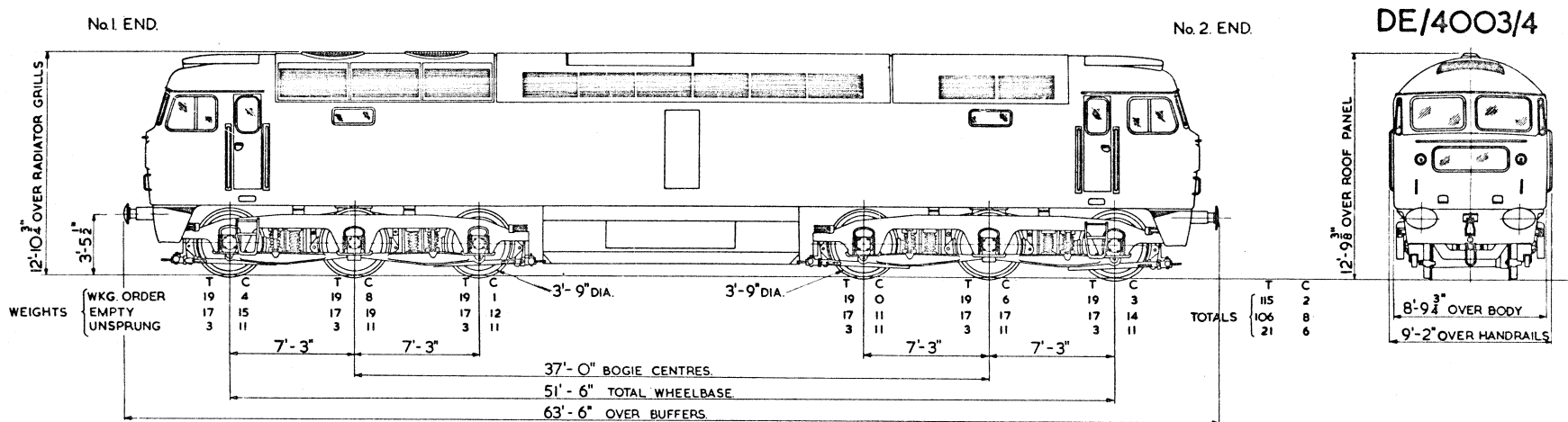
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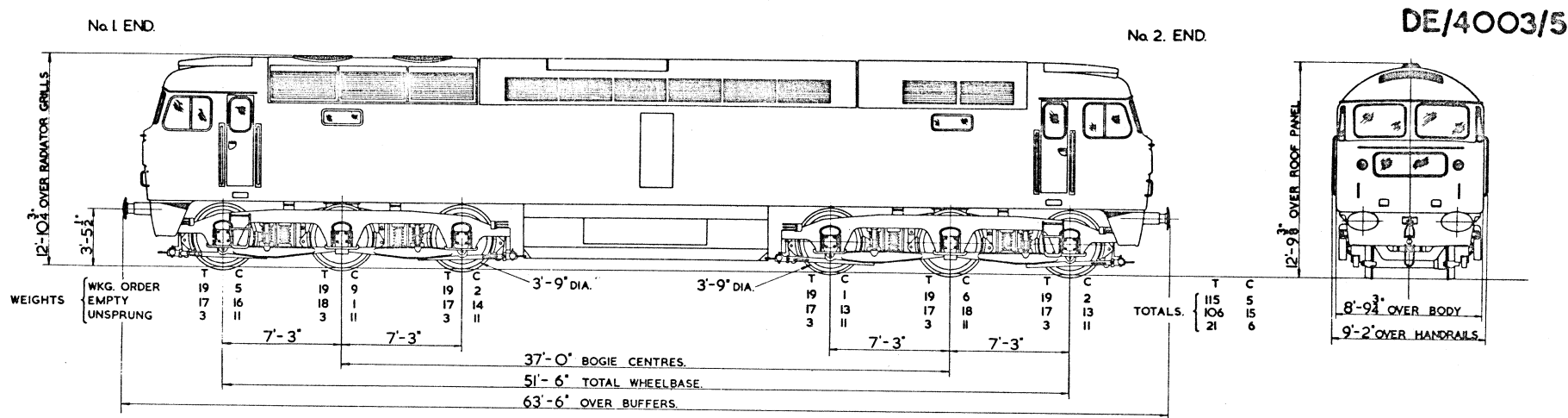
ENGINE.	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 LDA. 28 C. 12 CYL 4 STROKE. 2750 HP AT 800 R.P.M.	BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	AIR. VACUUM. 87 %
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH TG 160-60 MK.4. BRUSH TM 64-68 MK.I.A.	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 24.2% ADHESION AT 3750 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.	30,000 LB. AT 27 M.P.H. AT 2,130 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 2500 LB./HR.
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	810 GALLONS. 1250 GALLONS.

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



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.	BRACING.	TYPE { FOR LOCO. FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE. MAKE & TYPE.	BRUSH TG.172-50 MK.I. BRUSH TM. 64-68MK.IA.	SPEED	BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	86.5%.
TRACTION MOTORS.	No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. STRAIGHT SPUR. 62000 LB AT 24% ADHESION AT 7500 AMPS. MAIN GENERATOR. 30000 LB. AT 27 M.P.H.	MINIMUM RADIUS CURVES.	MAX. PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING. VERTICAL CONVEX. VERTICAL CONCAVE.	95 M.P.H. 4 CHAINS. 10 CHAINS. 10 CHAINS.
PERFORMANCE.	CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	AT 4260 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. 2500 LB/HOUR.
			TANK CAPACITIES	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	810 GALLS. 1250 GALLS.

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



ENGINE. MAKE & TYPE. SULZER 12 LDA 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. T.G. 172 - 50 MK. I.
MAKE & TYPE. T.M. 64 - 68 MK. I.A.

TRACTION MOTORS. No. SIX.
TYPE OF SUSPENSION. NOSE.
TYPE OF GEAR DRIVE. STRAIGHT SPUR.
MAX. TRACTIVE EFFORT. 62,000 LB. AT 24% ADHESION
AT 7500 AMPS. MAIN GENERATOR.

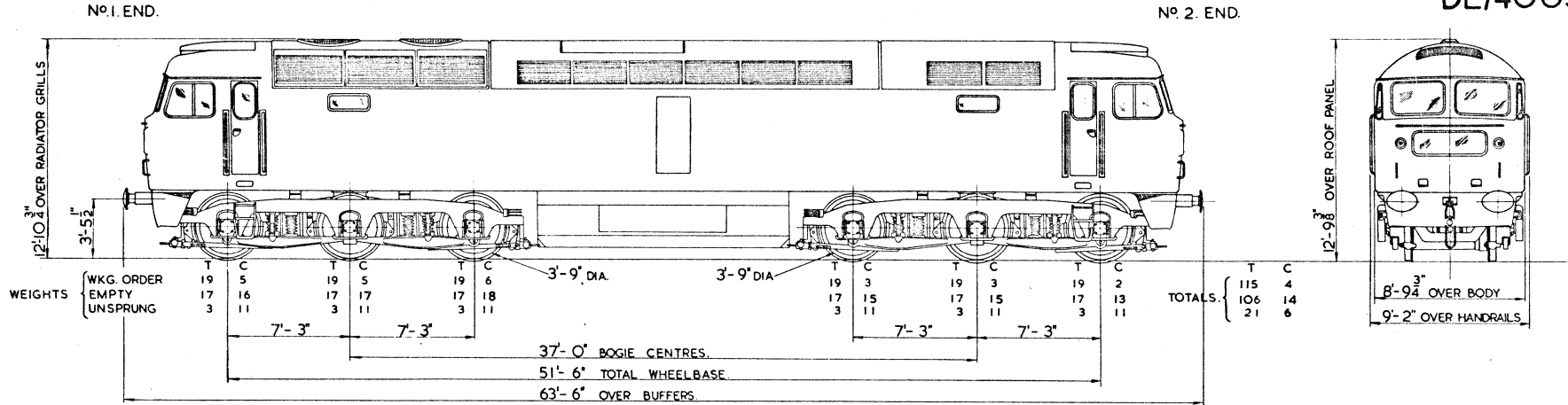
PERFORMANCE. CONT. TRACTIVE EFFORT. 30,000 LB. AT 27 M.P.H.
AT 4260 AMPS. MAIN GENERATOR.
RAIL H.P. AT CONT. RATING. 2160 HP
FULL ENGINE OUTPUT. AVAILABLE BETWEEN 10.5 & 85 M.P.H.

BRAKING. TYPE { FOR LOCO
FOR TRAIN. AIR. VACUUM.
BRAKE FORCE { % OF LOCO WEIGHT
IN WORKING ORDER. 86-4%.

SPEED. MAX. PERMITTED SERVICE SPEED. 95 M.P.H.
MINIMUM RADIUS. HORIZONTAL WITHOUT GAUGE WIDENING. 4 CHAINS.
CURVES. VERTICAL CONVEX. 10 CHAINS
VERTICAL CONCAVE. 10 CHAINS
TRAIN HEATING. BOILER MAKE & TYPE. SPANNER MARK III.
EQUIPMENT. STEAMING CAPACITY. 2500 LB/HR.

TANK CAPACITIES. { ENGINE FUEL. }
BOILER FUEL. 810 GALLONS.
BOILER WATER. 1200 GALLONS.

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

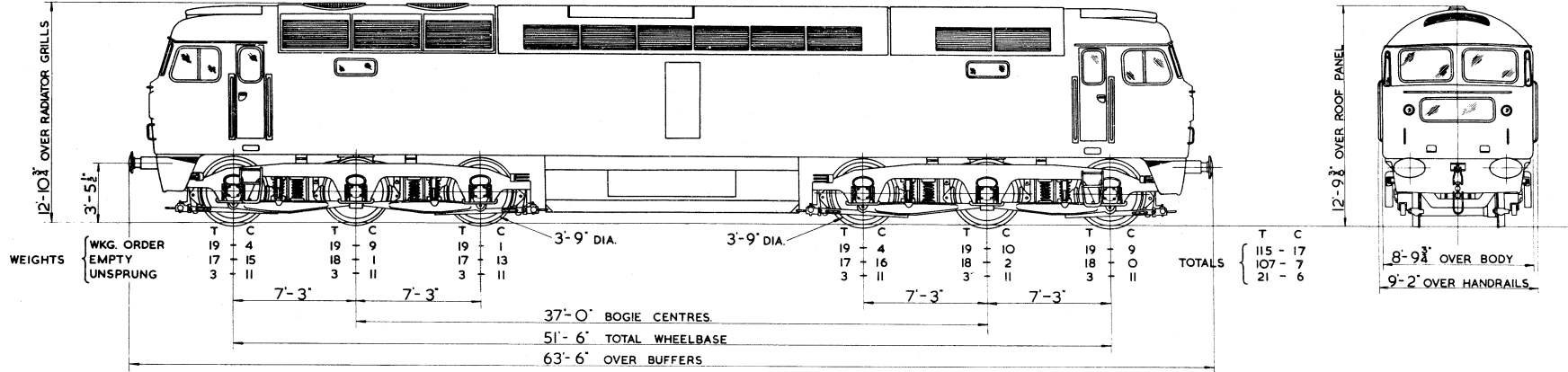


ENGINE.	MAKE & TYPE.	SULZER 12 LDA 28C.	BRAKING.	TYPE { FOR LOCO. FOR TRAIN.	STRAIGHT AIR & AUTOMATIC AIR. AUTO. AIR & AIR CONTROLLED VAC.
	No. OF CYLS. & CYCLE.	12 CYL. 4 STROKE.		BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	86%
MAIN GENERATOR	MAX. CONT RATED OUTPUT.	2750 H.P. AT 800 R.P.M.	SPEED.	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.IA.	CURVES.	VERTICAL CONVEX.	10 CHAINS
	No.	SIX.	TRAIN HEATING	VERTICAL CONCAVE.	SPANNER MARK III
	TYPE OF SUSPENSION.	NOSE.	EQUIPMENT.	BOILER MAKE & TYPE.	2500 LB./HR.
	TYPE OF GEAR DRIVE.	STRAIGHT SPUR.	TANK CAPACITIES { ENGINE FUEL. BOILER FUEL. BOILER WATER.	STEAMING CAPACITY.	810 GALLONS
PERFORMANCE.	MAX. TRACTIVE EFFORT.	62,000 LB. AT 24% ADHESION AT 7500 AMPS. MAIN GENERATOR.			1200 GALLONS.
	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.

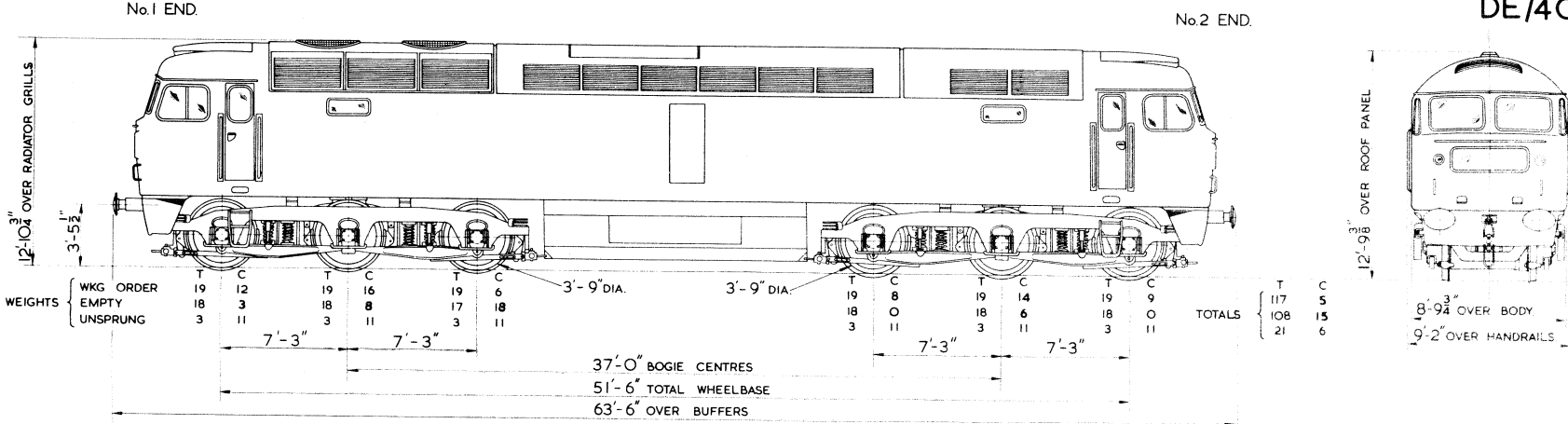
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No. 2. END



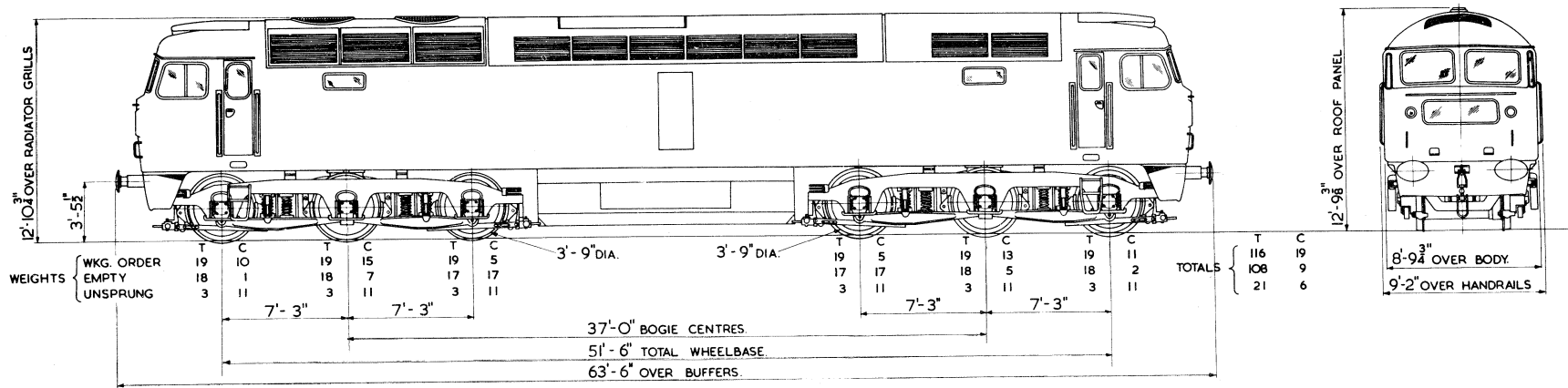
ENGINE	MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT RATED OUTPUT.	SULZER 12 L.DA. 28 C. 12 CYL 4 STROKE. 2750 HP AT 800 R.P.M.	BRAKING.	TYPE { FOR LOCO FOR TRAIN.	AIR. VACUUM.
MAIN GENERATOR.	MAKE & TYPE.	BRUSH TG.172- 50 MK.I.	SPEED.	BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER.	85-9%
TRACTION MOTORS.	MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE.	BRUSH TM.64-68 MK.IA. SIX. NOSE. STRAIGHT SPUR.	MINIMUM RADIUS CURVES	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	MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT. RAIL H.P. AT CONT. RATING. FULL ENGINE OUTPUT.	62000 LB AT 23.9% ADHESION AT 7500 AMPS MAIN GENERATOR. 30000 LB. AT 27 M.P.H. AT 4260 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	810 GALLONS. 1200 GALLONS.

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



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. BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	STRAIGHT AIR & AUTO AIR AUTO. AIR & AIR CONT. VAC.
MAIN GENERATOR.	{ MAKE & TYPE. MAKE & TYPE.	BRUSH TG.172-50 MK.I BRUSH TM. 64-68 MK.IA.	SPEED.	MAX PERMITTED SERVICE SPEED.	84.8 %
TRACTION MOTORS.	{ 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.	95 MPH 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 H.P. 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 }	810 GALLONS. 1200 GALLONS.

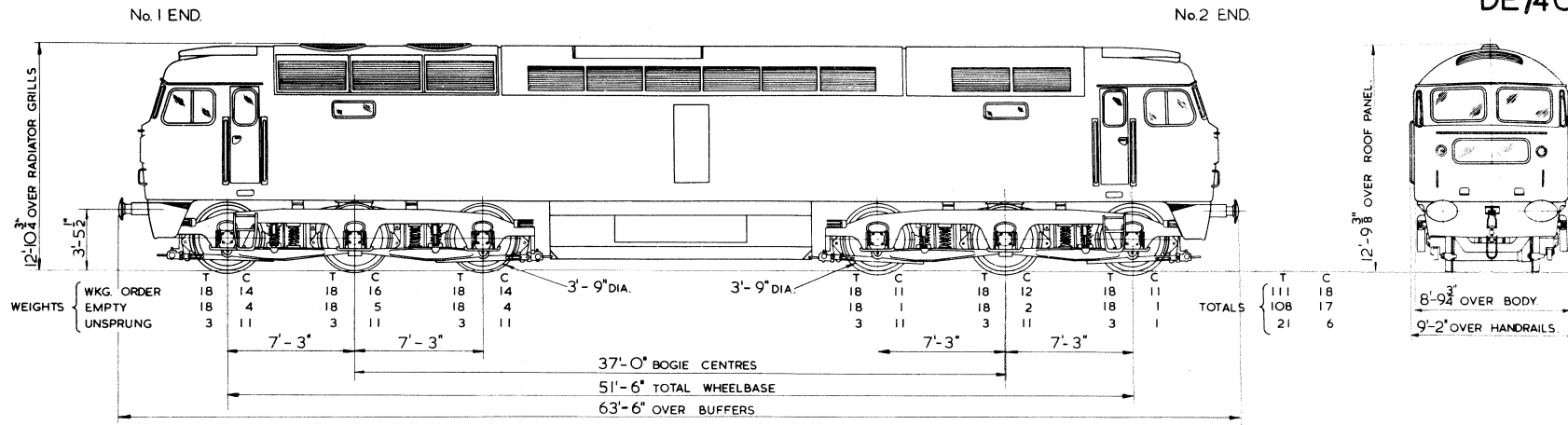
2750 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.



ENGINE	{ MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	SULZER 12 L.D.A. 28 C. 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.172 - 50 MK.I.	SPEED.	{ BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	85-1%.
TRACTION MOTORS.	{ MAKE & TYPE. No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	BRUSH TM.64 - 68 MK.I.A. SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 238% ADHESION AT 7500 AMPS. MAIN GENERATOR.	MINIMUM RADIUS CURVES.	{ MAX. PERMITTED SERVICE SPEED. HORIZONTAL WITHOUT GAUGE WIDENING. HORIZONTAL WITH 1/2 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 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.	CLAYTON MK. II. 2,500 LB./HR.
			TANK CAPACITIES.	{ (ENGINE FUEL. BOILER FUEL. BOILER WATER.	810 GALLONS. 1,200 GALLONS.

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

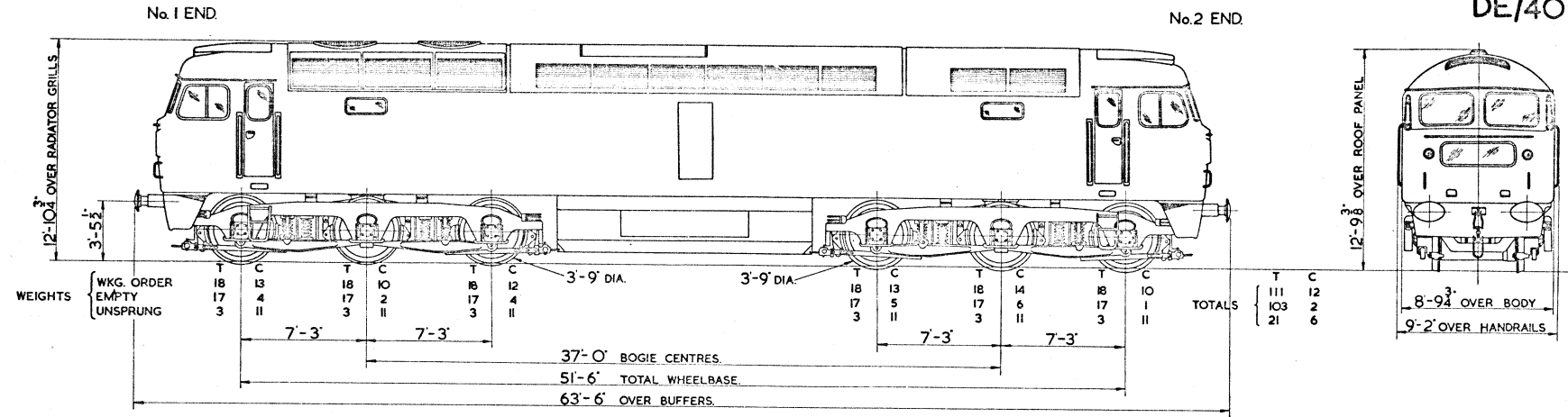
DE/4003/10



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. MAKE & TYPE.	BRUSH TG 172 -50 MK. I BRUSH TM 64-68 MK. I.A.	SPEED.	{ BRAKE FORCE { % OF LOCO WEIGHT IN WORKING ORDER.	88.9%
TRACTION MOTORS	{ No. TYPE OF SUSPENSION. TYPE OF GEAR DRIVE. MAX. TRACTIVE EFFORT.	SIX. NOSE. STRAIGHT SPUR. 62,000 LB. AT 24.7% ADHESION AT 7500 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 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.	
			TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	810 GALLONS.

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

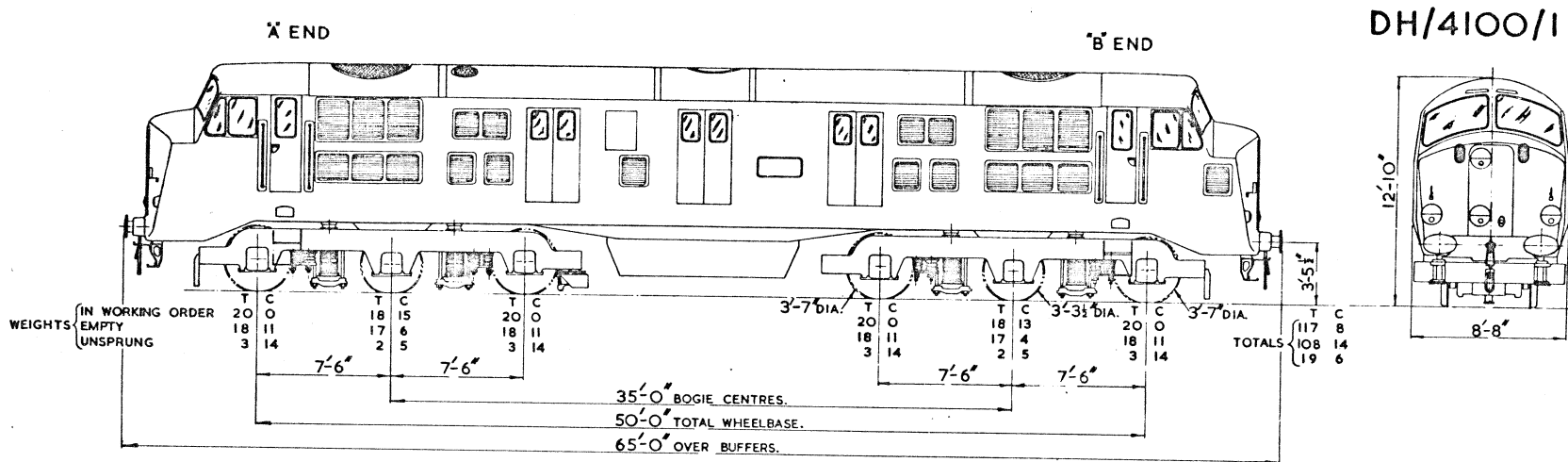
DE/4003/11



ENGINE. MAKE & TYPE. SULZER 12 LVA 24.
 No. OF CYLS. & CYCLE. 12 CYL. 4 STROKE.
 MAIN GENERATOR. MAX. CONT. RATED OUTPUT. 2650 HP AT 1050 RPM.
 MAKE & TYPE. BRUSH T.G.160-60 MK.V.
 TRACTION MOTORS. MAKE & TYPE. BRUSH T.M. 64-68.
 No. SIX.
 TYPE OF SUSPENSION. NOSE.
 TYPE OF GEAR DRIVE. STRAIGHT SPUR.
 PERFORMANCE. MAX. TRACTIVE EFFORT. 62000 LB. AT 24 8/9% ADHESION.
 CONT. TRACTIVE EFFORT. AT 3750 AMPS. MAIN GENERATOR.
 30000 LB. AT 26.2 M.P.H.
 RAIL HP AT CONT. RATING. AT 2130 AMPS. MAIN GENERATOR.
 FULL ENGINE OUTPUT. 2100 HP
 AVAILABLE BETWEEN 10 & 83 M.P.H.

BRAKING. TYPE { FOR LOCO. FOR TRAIN.
 BRAKE FORCE { % OF LOCO WEIGHT. IN WORKING ORDER. 89.2%
 SPEED. MAX. PERMITTED SERVICE SPEED. 95 M.P.H.
 MINIMUM RADIUS. HORIZONTAL WITHOUT GAUGE WIDENING. 4 CHAINS.
 CURVES. HORIZONTAL WITH 3/4 INS. GAUGE WIDENING. 3.75 CHAINS.
 VERTICAL CONVEX. 10 CHAINS.
 VERTICAL CONCAVE. 10 CHAINS.
 TRAIN HEATING. BOILER MAKE & TYPE. SPANNER MARK III
 EQUIPMENT. STEAMING CAPACITY. 2500 LB/HR
 TANK CAPACITIES. { ENGINE FUEL. 810 GALLONS.
 { BOILER FUEL. 1200 GALLONS.
 { BOILER WATER.

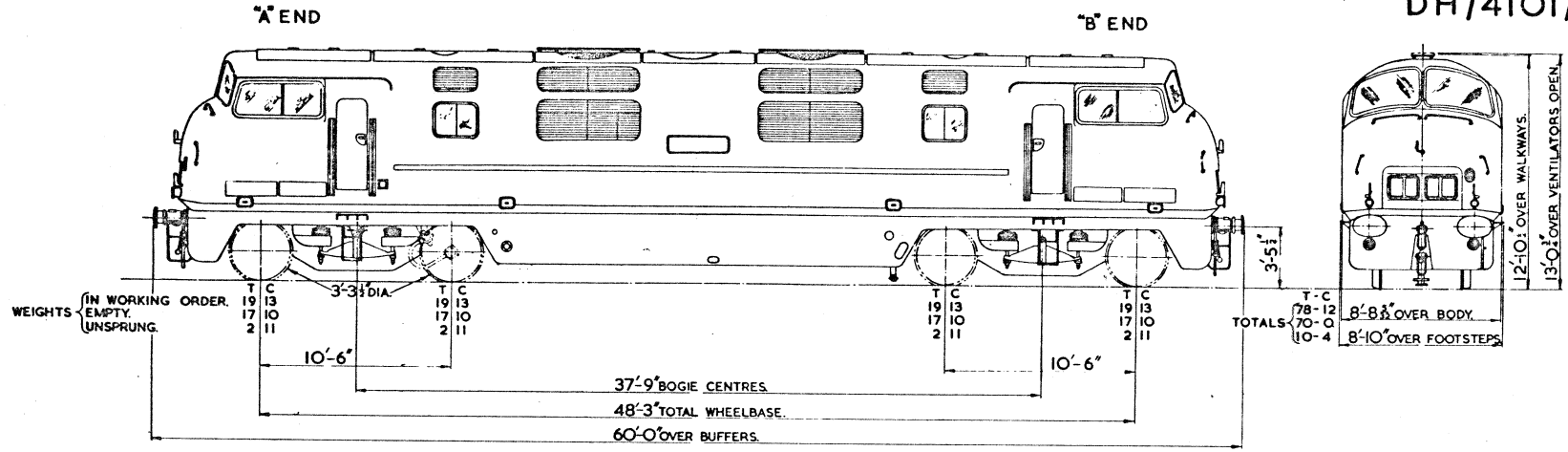
2650 H.P. BRUSH TYPE 4. C-C DIESEL ELECTRIC LOCOMOTIVE.



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO. N.B.L.-M.A.N. L12 V18/21 B.S. 12 CYLS. 4 STROKE. 1000 H.P. AT 1445 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	90 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	VOITH-NORTH BRITISH L.306 r.	CURVE.	MIN. RAD. CURVE.	{ WITHOUT GAUGE WIDENING: 4 1/2 CHAINS. AT DEAD SLOW SPEED: 4 1/4 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	49 460 LB. AT 27.6% ADHESION. 39 600 LB. AT 12.6 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLO. 2000 LB./ HOUR.
BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 75-13%.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	800 GALLS. 1000 GALLS.

2000 H.P. N.B.L. TYPE 4 A1A-A1A DIESEL HYDRAULIC LOCOMOTIVE.

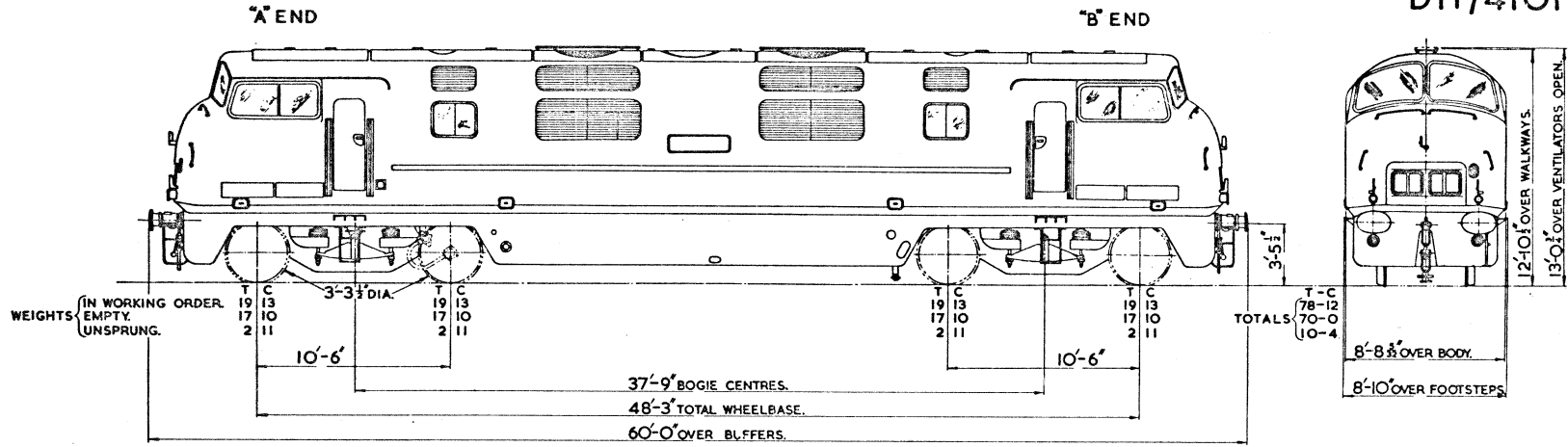
DH/4101/1



ENGINE.	{ No MAKE & TYPE. No OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO. MAYBACH MD 650. 12 CYLS. 4 STROKE. 1056 H.P. AT 1400 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	4 SPEED MEKYDRO K104U.	CURVE.	MIN. RAD. CURVE.	{ WITHOUT GAUGE WIDENING. 4 1/2 CHAINS AT DEAD SLOW SPEED. 4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	48600 LB. AT 27.6% ADHESION. 46900 LB. AT 11.5 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLO. 2000 LB. / HOUR.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 69.72 %.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL BOILER WATER.	800 GALLS. 940 GALLS.

2100 H.P. B.R. TYPE 4 B-B DIESEL HYDRAULIC LOCOMOTIVE.

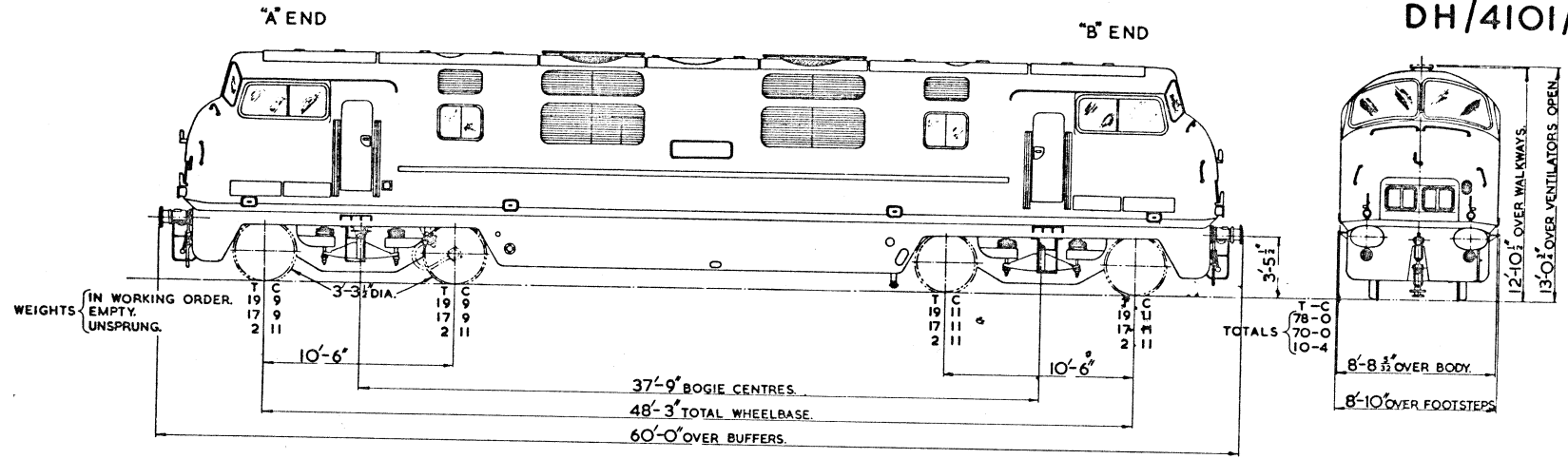
DH/4101/2



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO MAYBACH MD 650. 12 CYLS. 4 STROKE. 1135 H.P. AT 1530 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H. 100 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	4 SPEED MEKYDRO K104U.	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.	48600 LB. AT 27.6% ADHESION. 46700 LB. AT 10.7 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	SPANNER SWIRLYFLO. 2000 LB./HOUR.
BRAKING.	{ TYPE. { FOR LOCO. FOR TRAIN. BRAKE FORCE. { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 69.72 %.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	800 GALLS. 940 GALLS.

2200 H.P. B.R. TYPE 4 B-B DIESEL HYDRAULIC LOCOMOTIVE.

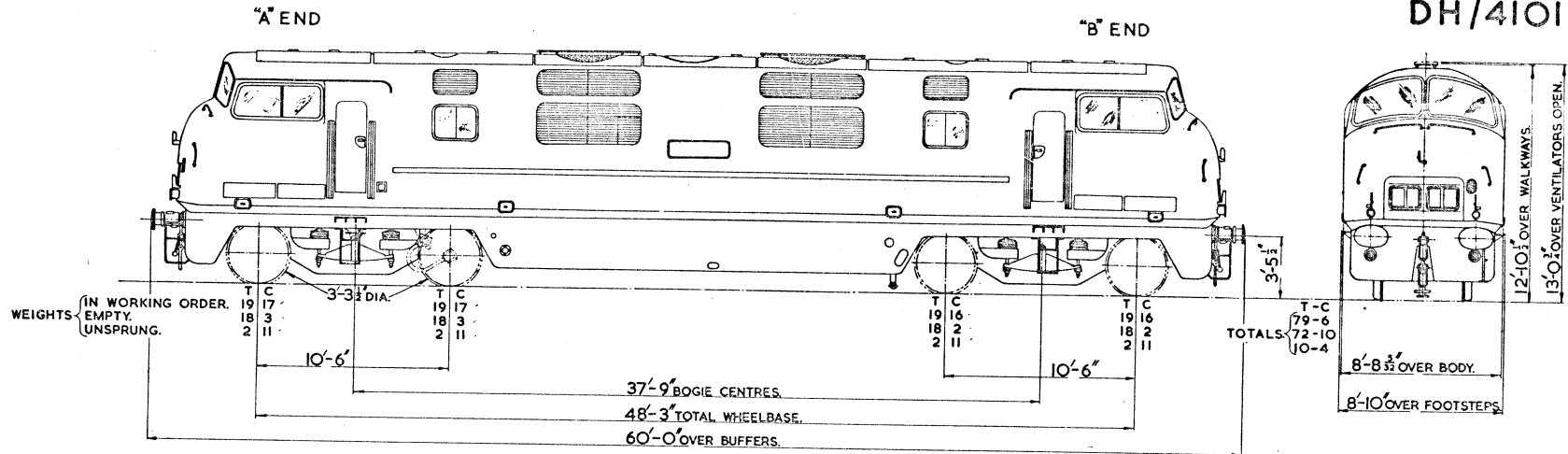
DH/4101/3



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO MAYBACH MD 650. 12 CYLS. 4 STROKE. 1135 H.P. AT 1530 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H.
TRANSMISSION.	{ TYPE & OTHER PARTICULARS.	4 SPEED MEKYDRO K104U.	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.	48200 LB. AT 27.6% ADHESION. 46700 LB. AT 10.7 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE VAPOR O.K.4616. 2000 LB./HOUR.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 70.26 %.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL BOILER WATER.	800 GALLS. 940 GALLS.

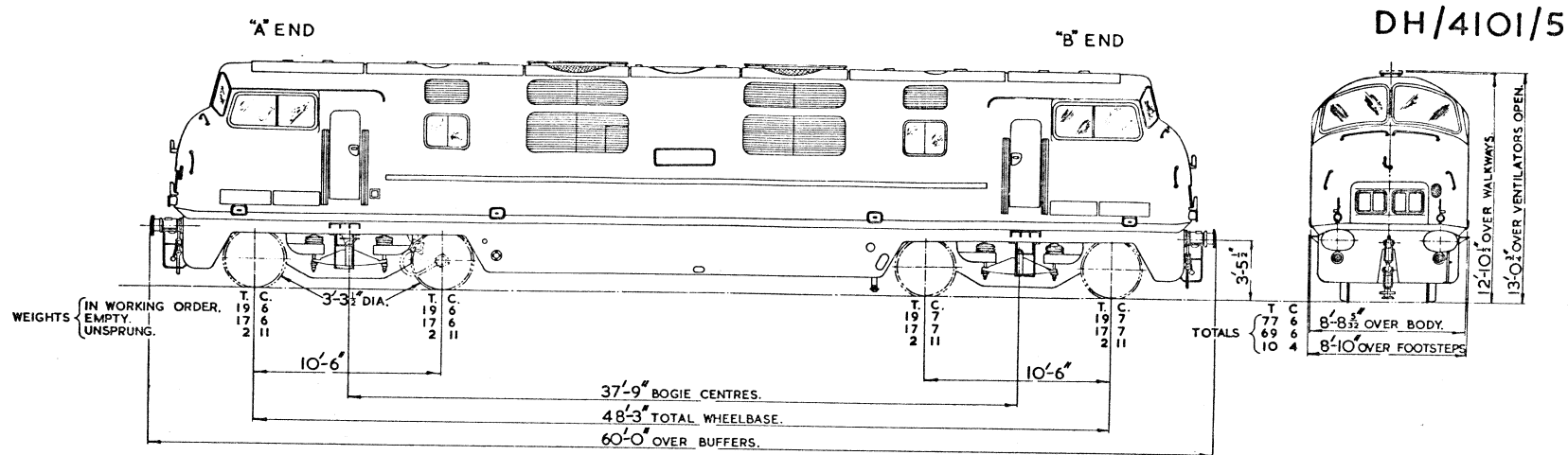
2200 H.P. B.R. TYPE 4 B-B DIESEL HYDRAULIC LOCOMOTIVE.

DH/4101/4



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO NBL-MAN. L12 V18/21 B.S. 12 CYLS. 4 STROKE. 1100 H.P. AT 1530 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED	80 M.P.H.
TRANSMISSION.	TYPE & OTHER PARTICULARS.	VOITH-NORTH BRITISH LT. 306r.	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.	49030 LB. AT 27.6% ADHESION. 37000 LB. AT 14 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE-VAPOUR OK. 4616 2000 LB/ HOUR.
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE, { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 69.1 %.	TANK CAPACITIES.	{ ENGINE FUEL BOILER FUEL BOILER WATER.	800 GALLS. 940 GALLS.

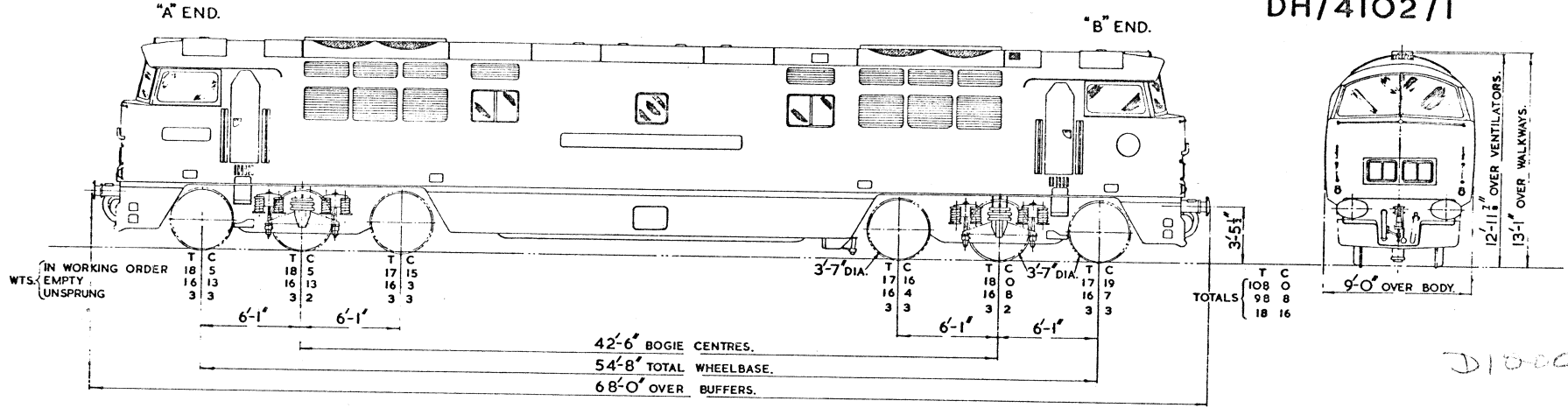
2200 H.P. N.B.L. TYPE 4 B-B DIESEL HYDRAULIC LOCOMOTIVE.



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO. DAVEY, PAXMAN 12 Y J X L. 12 CYLS. 4 STROKE. 1135 H.P. AT 1530 R.P.M.	SPEED.	MAX. PERMITTED SERVICE SPEED.	80 M.P.H. <i>40 to 70</i>
TRANSMISSION.	TYPE & OTHER PARTICULARS.	4 SPEED MEKYDRO K104 U.	CURVE.	MIN. RAD CURVE	{ WITHOUT GAUGE WIDENING. 4 1/2 CHAINS. AT DEAD SLOW SPEED. 4 1/2 CHAINS.
PERFORMANCE.	{ MAX. TRACTIVE EFFORT. CONT. TRACTIVE EFFORT.	47780 LB. AT 27.6% ADHESION. 46700 LB. AT 10.7 M.P.H.	TRAIN HEATING EQUIPMENT.	{ BOILER MAKE & TYPE. STEAMING CAPACITY.	STONE-VAPOR O.K. 4615 2000 LB/HOUR
BRAKING.	{ TYPE { FOR LOCO. FOR TRAIN. BRAKE FORCE { % OF LOCO. WEIGHT IN WORKING ORDER.	AIR. VACUUM. 71.60 %.	TANK CAPACITIES.	{ ENGINE FUEL. BOILER FUEL. BOILER WATER.	800 GALLS. 940 GALLS.

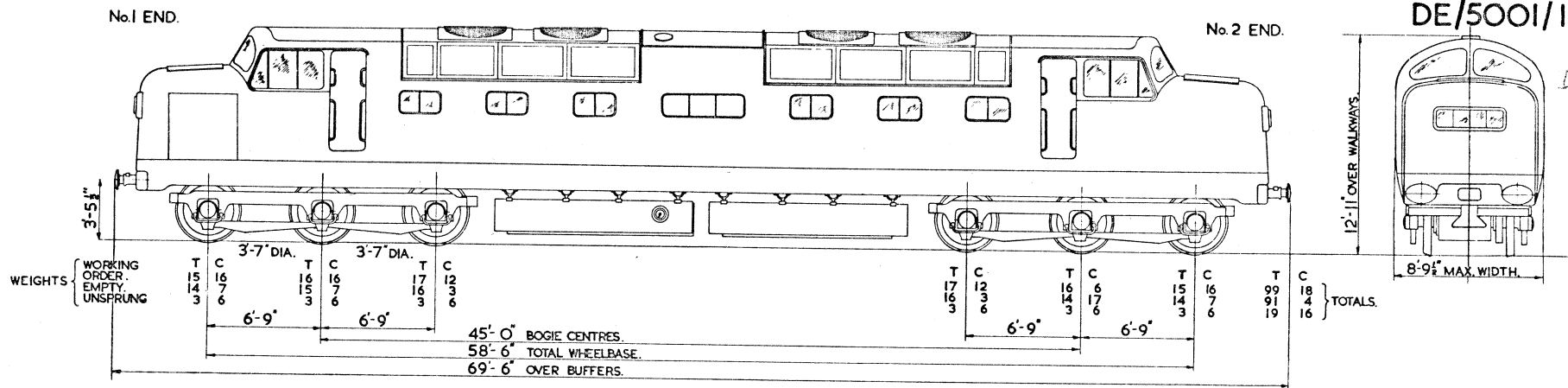
2200 H.P. B.R. TYPE 4 B-B DIESEL HYDRAULIC LOCOMOTIVE.

DH/4102/1



ENGINE.	{ No. MAKE & TYPE. No. OF CYLS. & CYCLE. MAX. CONT. RATED OUTPUT.	TWO. MAYBACH MD 655. 12 CYLS. 4 STROKE. 1350 HP 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. 2000 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.



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. 2,450 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.

