

## Data sheet for UK Diesels, Electrics, and Gas Turbines

**Note:** G3 actual size in mm in [BLUE]

: d = driver wheel c = carrier wheel

: wheel sizes in mm to nearest 0.1mm

### A1A-A1A (Symmetrical axle spacing)

<u>5' 10"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
GWR G/TURBINE	4'd & 3'c	63' [850mm]	37' 10" [510mm]
<u>7'</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 31	3' 7"d & 3' 3"c	56' 9" [763mm]	29' 3" [395mm]
<u>7' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 41	3' 7"d & 3' 3"c	65' [878mm]	35' [473mm]

### B0-B0

<u>6' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
NER ES-1	3' 0"	38' [513mm]	20' 6" [277mm]
<u>8' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 15	3' 3"	42' [567mm]	22' 6" [304mm]
CLASS 16	3' 7"	42' 6" [574mm]	20' [270mm]
CLASS 17	3' 3"	50' 7" [683mm]	28' [378mm]
CLASS 20	3' 7"	46' 9" [631mm]	24' 3" [327mm]
CLASS 22	3" 7"	46' 9" [631mm]	23' [310mm]
CLASS 23	3' 7"	52' 6" [709mm]	32' [432mm]
CLASS 24	3' 9"	50' 6" [682mm]	28' [378mm]
CLASS 25	3' 9"	50' 6" [682mm]	28' [378mm]
CLASS 43 HST	3' 0"	58' [783mm]	33' 6" [425mm]
LMS 10,800	3' 7"	42' [567mm]	22' 6" [304mm]
HAWK	3' 7"	42' [567mm]	22' 6" [304mm]
DHP-1	3' 3"	46' [621mm]	27' [365mm]
<u>8' 9"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
NER EF-1	4' 0"	39' [527mm]	18' 3" [246mm]
CLASS 73	3' 4"	53' 9" [726mm]	32' [432mm]
<u>9'</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 67	3' 4"	64' 7" [872mm]	37' 6" [506mm]

<u>10'</u>	<u>WHEEL</u>	<u>LENGTH</u>		<u>BOGIE CENTRES</u>
CLASS 26	3' 7"	50' 9"	[685mm]	29' [392mm]
CLASS 27	3' 7"	50' 9"	[685mm]	29' [392mm]
CLASS 33	3' 7"	50' 9"	[685mm]	29' [392mm]
CLASS 82	4'	56'	[756mm]	30' 9" [415mm]
CLASS 83	4'	52' 6"	[709mm]	30' [405mm]
CLASS 84	4'	53' 6"	[722mm]	29' 6" [398mm]

<u>10' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>		<u>BOGIE CENTRES</u>
CLASS 35	3' 9"	51' 9"	[699mm]	25' 6" [344mm]
CLASS 42/43	3' 3"	68'	[918mm]	37' 9" [510mm]
CLASS 71	4'	50' 6"	[682mm]	27' [365mm]
CLASS 74	4'	50' 6"	[682mm]	27' [365mm]

<u>11'</u>	<u>WHEEL</u>	<u>LENGTH</u>		<u>BOGIE CENTRES</u>
CLASS 81	4'	56' 6"	[763mm]	31' 6" [425mm]
CLASS 85	4'	56' 6"	[763mm]	31' 6" [425mm]
CLASS 86	3' 9"	58'	[783mm]	33' [445mm]
CLASS 87	3' 9"	58'	[783mm]	33' [445mm]
CLASS 90	3' 9"	60' 6"	[817mm]	33' [445mm]
CLASS 91	3' 6"	64' 6"	[871mm]	35' [472mm]

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## C0-B0

<u>5' 11" &amp; 6' 2" + 8' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 28	3' 3 1/2"	56' 7" [764mm]	31' 5" [424mm]

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## C0-C0 (Symmetrical axle spacing)

<u>6'</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 52	3' 7"	68' [918mm]	42' 6" [574mm]

<u>6' 9"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 37	3' 7"	62' 6" [845mm]	37' 6" [506mm]
CLASS 50	3' 7"	68' 6" [925mm]	44' [594mm]
CLASS 55	3' 7"	69' 6" [938mm]	45' [608mm]
DP-2	3' 7"	69' 6" [938mm]	45' [608mm]

<u>7' 3"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 47	3' 9"	64' 6" [870mm]	38' [513mm]
CLASS 57	3' 9"	64' 6" [870mm]	38 [513mm]
LION	3' 9"	63' 6" [857mm]	36' 3" [490mm]

<u>7' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
LMS 10,000	3' 7"	61' [824mm]	35' [473mm]
GWR G/TURBINE	3' 10"	66' [891mm]	38' 6" [520mm]
CLASS 80	3' 10"	66' [891mm]	38' 6" [520mm]

<u>8'</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 70	3' 7"	58' 6" [790mm]	27' 6" [371mm]
CLASS 77	3' 7"	59' [796mm]	30' 6" [412mm]

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## **C0-C0 (Asymmetrical axle spacing)**

<u>6' 6" &amp; 7' 0"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 56	3' 9"	64' 6" [871mm]	35' 6" [480mm]
CLASS 58	3' 7"	62' 9" [874mm]	34' 3" [462mm]
CLASS 59	3' 7"	70' [945mm]	43' 6" [587mm]
CLASS 66	3' 7"	70' [945mm]	43' 6" [587mm]
<u>7' 0" &amp; 6' 9"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 60	3' 7"	70' [945mm]	42' [567mm]
CLASS 92	3' 7"	70 [945mm]	42' [567mm]
<u>7' &amp; 7' 6"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 89	3' 7"	65' 3" [881mm]	35' 8" [481mm]
<u>7' 3" &amp; 7' 9"</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
KESTREL	3' 7"	66' 6" [898mm]	37' [499mm]
FALCON	3' 7"	68' 9" [928mm]	42' [567mm]

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## **1C0-C01 (Symmetrical axle spacing)**

<u>8'</u>	<u>WHEEL</u>	<u>LENGTH</u>	<u>BOGIE CENTRES</u>
CLASS 40	3' 9" d & 3' c	69' 6" [938mm]	34' 3" [462mm]
CLASS 44	3' 9" d & 3' c	67' 11" [917mm]	32' 9" [442mm]
CLASS 45	3' 9" d & 3' c	67' 11" [917mm]	32' 9" [442mm]
CLASS 46	3' 9" d & 3' c	67' 11" [917mm]	32' 9" [442mm]
SR 10201/2/3	3' 9" d & 3' c	63' 9" [860mm]	28' 3" [381mm]

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### **Wheels**

3'	40.5mm
3' 3"	43.8mm
3' 4"	45.0mm
3' 6"	47.2mm
3' 7"	48.3mm
3' 7 1/2"	48.9mm
3' 9"	50.6mm
3' 10"	51.7mm
4'	54.0mm