

**Motive Power – Narrow Gauge**
**N/Nn3.5 scale (mm)**

[original &amp; updated data created by Ben Scaro, May04, Aug05]

Prototype	Model Brand	Type	Ref No	Bogie Centres (prototype)	Bogie Centres (model)	Outer axle – outer axle (prototype0)	Outer axle – outer axle (model)	Bogie Wheelbase (prototype)	Bogie Wheel base (model)
TGR/AN X/XA class diesel electric locomotive	Marklin	E44 B-B electric locomotive	8811, 88111	31.35	28.5	47	45	15.675	16
Commonwealth Railways NSU diesel electric locomotive	Marklin	C-C electric locomotive	88501, 8854, 88541, 88571, 88572, 88630	47mm	43.5	66	64.5	19mm	20.5
QR 1700 & 1720 diesel electric	Marklin	C-C electric locomotive	88501, 8854, 88541, 88571, 88572, 88630	41.8	43.5	60.5	63.5	20.25	20.5
QR 2350/2370, Tasrail ZB, ZP, ZR diesel-electric	Marklin	B-B diesel-hydraulic *outer axles must be added for this loco	8878 or slightly longer 8874,8875	37 - from halfway pts between inner - middle axles on each bogie	38 [8878] or 39.5 [8874, 8875]	49 - middle axle - middle axle	50.25 [8878] 52.25 [8874,8875]	11.9 inner-middle axle [23.8 total]	12.35
Commonwealth Railways NB class steam loco/diesel hydraulic/Fyansford steam loco	Marklin	0-6-0	8800					15.5 [8+7.5]	16 [8+8]
QR 1460/1502/ Tasrail DQ class diesel-electric	Marklin	B-B diesel-hydraulic * outer axles must be added for this loco	8878 or slightly longer 8874,8875	37.8 from halfway pts on inner-middle axle on each bogie	38 [8878] 39.5 [8874, 8875]	50.35 between middle axles	50.25 [8878] 52.25 [8874, 8875]	12.5 inner - middle axle [23.75 total]	12.25
QR 1600 class diesel-electric	Marklin	C-C electric locomotive	88501, 8854, 88541, 88571, 88572, 88630	39.9	43.5	60.8	63.5	21.85	20.5
QR 1620 class diesel-electric	Marklin	C-C electric locomotive	88501, 8854, 88541, 88571, 88572, 88630	41.8	43.5	62.7	63.5	21.85	20.5
QR 2170, 1550, 2470 diesel-electric	Marklin			50 -btw halfway pts btw inner and middle axles		85		11.9	
QR 1300, Tasrail ZC, MKA diesel-electric	Marklin	B-B Class 216 diesel-hydraulic * outer axles must be added for loco	8878	38.5 btw halfway pts on inner-middle axle on each bogie	38	49.9 btw middle axles	50.25	11.5 inner-middle axle [22.5 total]	12.25
MRWA/WAGR/Westrail F class diesel-electric	Marklin	C-C electric locomotive	88501, 8854, 88541, 88571, 88572, 88630	42.7	43.5	64.6	64.5	21.85	20.5
MRWA/WAGR/Westrail G class diesel-electric	Marklin	C-C electric locomotive	88501, 8854, 88541, 88571, 88572, 88630	39.9	43.5	60.8	64.5	21.85	20.5
Commonwealth Railways/AN NT class diesel-electric	Micro-trains	F7		43.8 [between halfway pts inner-middle axle on each bogie]		53.8 [middle-axle to middle axle] 73.7 [btw outer axles]		9.975 [inner - middle axle] 19.95 [total]	
WAGR C class QR 1250, 1270 class diesel-electric	Marklin	Diesel-hydraulic locomotive	8878 or slightly longer 8874,8875	40.8 [ between halfway pts btw middle and inner axle on each bogie]	39.5	53.2 btw middle axles [76 outer axles]	52.25	12.35 [23.75 total]	12.25
SAR T class 4-8-0	Marklin	2-8-2 tender steam locomotive	8808					25.8 [8.6+8.6+8.6]	27.3 [9.1+ 9.1+ 9.1]
WAGR D/DA class, Tasrail 2020-2021	Marklin	Class 120.1 B-B electric locomotive	88536	47mm	46.55mm				
TGR/AN/Tasrail/ PNT Y Class B-B diesel electric	Marklin	Class 221 diesel hydraulic locomotive	8820, 8821, 88201	45.3mm	46-47mm	60.5mm	61-62mm	15.2mm	15mm
WAGR A class diesel-electric locomotive	Marklin	Class 216 diesel hydraulic locomotive	8878 or slightly longer 8874,8875	39.4mm	39.5mm	52mm middle-middle axle	52.25mm	12.6mm	12.25mm
AN/ARG CK class diesel electric locomotive	Marklin	DB Class 221 diesel hydraulic locomotive	8820, 8821, 88201	43.1mm	46-47mm	58.3mm	61-62mm	15.2mm	c.15mm