NMRA STANDARDS	
MODULE STANDARDS NARROW GAUGE	
Revised 1-90	MS-1.1

Modules built prior to the acceptance of these Standards will be exempt from these standards. However, if non-conforming modules are to interface with conforming modules, a Transition module will be required to accommodate any difference in trackage, electrical, etc.

Gauge	Height From Floor To Top of Rail	Hand Laid or Commercial Rail Code	Track Clearances H=Horiz V=Vertical	Interface Track Center Lines from Front of Module	Track Centers Parallel Tracks	Track Setback From End of Module	Center Lines On Curves
*** denotes change from previous issue.**							
Zn-3 *	40" (1016mm)	60	H=15/32" (12mm) V=1 -19/64" (33mm)	5" Single (127mm) 6" Second (153mm)	1" (25mm)	2-3/16" (55mm)	1" (25mm)
					Zn-3 is not available at this time. Figures included for possible future use.		
Nn3	See Note (1 & A)	60 (2 & B) *	H=19/32" (15.1mm) V=1-21/32" (42.1mm)	2" Single (50.8mm) 8-1/2"Second* (215.9mm)	1" (25mm)	2-3/16 (C) (55mm)*	1" (25mm)
HOn2	40" (1016mm)	70 (3)	H=3/4" (19mm) V=2-1/8" (54mm)	6" Single (152.4mm) 7-11/16" Second (192.3mm)	1-11/16" (42.9mm) *	4" (101.6mm)	2" (50.8mm)
HOn2-1/2	40" (1016mm)	55 (9mm ga)	H=1-1/32" (4) (26.2mm) V=2-3/16" (55.6mm)	5" Single (127mm) 6-13/16" Second (169.6mm)	1-13/16" (46mm)	2" (50.8mm)	2" (50.8mm)
HOn3	40" (1016mm)	70 (3)	H=1-1/32" (4) (26.2mm) V=2-11/32" (59.5mm)	5" Single (127mm) 7" Second (177.8mm)	2" (50.8mm)	4" (101.6mm)	2" (50.8mm)
Sn2	42" (1067mm)	70" (10.5mm) (5)	H=1-1/8" (28.6mm) V=3-3/16" (81mm)	6" Single (152.4mm) 8-1/4" Second (209.5mm)	2-1/4" (57.2mm)	4" (101.6mm)	2-7/16" (61.9mm)
Sn2-1/2	42" (1067mm)	70"	H=1-1/8" (28.6mm) V=3-3/16" (81mm)	6" Single (152.4mm) 8-1/4"Second (209.5mm)	2-1/4" (57.2mm)	3" (76.2mm)	2-9/16" (65.1mm)
Sn3	42" (1067mm)	70"	H=1-1/8" (4) (28.6mm) V=3-3/16" (81mm)	6" Single (152.4mm) 8-1/4" Second (209.5mm)	2-1/4" (57.2mm)	4" (101.6mm)	2-9/16" (65.1mm)
0n2	43 1/2" (1104.9mm)	70"	H=1-7/16" (4) (36.5mm) V=4-1/4" (108mm)	8" Single (203.2mm) 11" Second (279.4mm)	3" (76.2mm)	4" (101.6mm)	3-5/16" (84.1mm)

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0n2-1/2	43 1/2" (1104.9mm)	100"	H=1-7/8" (47.6mm) V=4-1/4" (108mm)	5" Single (127mm)	3" (76.2mm)	2" (50.8mm)	3-5/16" (84.1mm)
0n3	43 1/2" (1104.9mm)	83"	H=1-7/8" (47.6mm) V=4-1/4" (108mm)	8" (203.2mm)	3-3/4" (95.2mm)	2" (50.8mm)	4" (101.6mm)

NOTES:
1. 43" for Nn3 only, if dual gauge (N in front), see NMRA Standard for N (40" height)
2. If code 40 rail is used, it must be brought back to code 60 rail 2" from interface.
3. If code 55 rail is used, it must be brought back to code 70 rail 2" from interface.
4. See note 1, NMRA Standard S-7
5. HOn3 track and wheelsets used as dimensions are correct.
A. Front = 38"; Center = 40"; Rear = 42 1/2"
B. Currently commercial "Z" Scale track is Code 60 and is in general use.
C. This measurement is 1/2 Marklin 4 3/8" straight section.