



DESIGNATOR	BASE METAL THICKNESS	TOTAL LENGTH	POST SPACINGS
RTM03a	2.67	4130	4
RTM03b	3.43	4130	4

THE CROSS-SECTIONAL DIMENSIONS OF THIS PART ARE THE SAME AS PART RTM01a (SHT 3 of 4).

1994

3-SPACED THRIE-BEAM GUARDRAIL

RTM03a-b

SHEET NO.

REF. NO.

1 of 2

RE-63-76

SPECIFICATIONS

Corrugated sheet steel beams shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 750 mm. RTM03a shall conform to AASHTO M180 Class A and RTM03b shall conform to Class B. Corrosion protection may be either Type II (zinc-coated) or Type IV (corrosion resistant steel). Type IV guardrails shall be manufactured using AASHTO M270M (ASTM A709M) Grade 50W material and shall not be zinc-coated, painted or otherwise coated. Inertial properties are calculated for the whole cross-section without a reduction for the splice bolt holes.

Designator	Area (10 ³ mm ²)	I _x (10 ⁶ mm ⁴)	I _y (10 ⁶ mm ⁴)	S _x (10 ³ mm ³)	S _y (10 ³ mm ³)
RTM03a	2.0	1.6	--	36.4	--
RTM03b	2.6	2.0	--	47.0	--

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

RTM03a-b guardrail beams are used in various thrie-beam guardrail systems.

3-SPACE THRIE-BEAM GUARDRAIL

RTM03a-b

SHEET NO.

DATE

2 of 2

1995