



Wheelbase code	SS	Max dyn whl load, (kip)	Permissible dyn whl load, (kip)	Approx. Wt./Trk, lb	H1	H2	L2	S1 min
25	8'-2 7/16"	56.93	37.5	1786	14 9/16"	15"	1 1/2"	12.20"
32	10'-4"	56.93	37.5	1973	14 9/16"	15"	1 1/2"	12.20"
40	13'-1 1/2"	46.8	37.5	2180	18 1/2"	18 7/8"	2"	13.78"
45	14'-9 1/8"	41.63	37.5	2304	18 1/2"	18 7/8"	2"	13.78"
50	16'-4 7/8"	45	37.5	2588	21 1/2"	18 7/8"	2"	13.78"
55	18'-1/2"	40.95	37.5	2723	21 1/2"	18 7/8"	2"	13.78"

The wheel loads listed are only a guideline. The max. wheel load listed is based on the structural integrity of the frame and load placement, and it does not take into account permissible wheel loading or bearing life. SG load placement is at the center, and DG load placement is for a trolley gauge of 1400 mm (55 1/8"). The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 40 m/min (130 fpm), end truck duty is Fem 2m, and the runway rail as listed. The actual wheel load should not exceed the permissible wheel load. If the permissible dynamic wheel load is greater than the maximum dyn wheel load, then the actual wheel load cannot exceed maximum dyn wheel load.
 Dyn wheel load = 1.15 x static wheel load.

Product Code example
RTN32-2574-Q40880C0000-N

N=standard, E=Special
 -primer paint, color code (not in use with RTN32)
 Buffer type
 Joint plate distance, mm (DG)
 Joint plate code
 - = 1WD, D = 2WD (per truck)
 Wheel groove = UU, mm
 Wheel base = SS, mm
 -std, C=asymmetrical joint
 Type of end carriage

Joint plate	JPL	B max	Wheelbase code
Q4	20.47"	16.14"	25-32
Q5	24.80"	20.47"	25-32
Q6	24.80"	20.47"	40-55
Q7	33.46"	29.13"	25-32
Q8	33.46"	29.13"	40-55
Q9	43.31"	38.98"	25-32
Q0	43.31"	38.98"	40-55

Buffer type	L1	Ø
B	2 11/16"	3 3/16"
C	3 5/16"	3 15/16"
D	4 1/8"	4 15/16"
E	5 15/16"	3 15/16"
F	7 1/2"	4 15/16"
H	6 5/16"	6 5/16"
I	7 7/8"	7 7/8"
M	4 15/16"	4 15/16"
P	9 7/16"	6 5/16"
S	11 13/16"	7 7/8"
T	13 3/4"	9 7/8"
Y	18 3/4"	9 7/8"

B, C, D rubber
 K, G, E, F, H, I, M, P, S polyurethane

Pos	Description	Specification	ETTP/PA Chd	ETTP/PA Appd	Ref Drawing
	Design	2008-08-11			
	Date				
	Drawn				
	Checked				
	Specified				
	Approved				
	Drawn				

END TRUCK
 OUTLINE DRAWING
 RTN32-Q
 RTN32 END TRUCK SIDE JOINT

R&M MATERIALS HANDLING, INC.
 1000 W. 10th Street
 Minneapolis, MN 55408
 Phone: 612-835-1100
 Fax: 612-835-1101
 Email: sales@rmh.com

Scale: 1:1
 ECR432
 Date: 3/2012