



Wheelbase code	SS (mm)	Max dyn whl load, (kN)	Per dyn whl load, (kN)	Approx Wt./Trk, kg	H1 (mm)	H2 (mm)	L2 (mm)	S1 min (mm)
25	2500	253	166.5	638	370	380	37	310
32	3150	200	166.5	723	470	480	37	310
40	4000	208	166.5	815	470	480	51	350
45	4500	185	166.5	871	470	480	51	350
50	5000	200	166.5	993	545	480	51	350
55	5500	182	166.5	1054	545	480	51	350

Buffer type	L1, (mm)	Ø, (mm)
B	68	80
C	85	100
D	105	125
E	150	100
F	190	125
H	160	160
I	200	200
M	125	125
P	240	160
S	300	200
T	350	250
Y	475	250

B, C, D rubber  
 E, F, H, I, M, P, S, T, Y polyurethane

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**

- RTN32 - Type of end carriage
- 2574 - Wheel groove = UU, mm
- Q40880 - Wheel base = SS, mm
- C0000 - std. C-asymmetrical joint
- 0000 - Joint plate distance, mm (DG)
- 0000 - Buffer type (not in use with RTN32)
- 0000 - primer paint, color code (not in use with RTN32)
- 0000 - N=standard, E=Special

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

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

Joint plate	JPL (mm)	B max (mm)	Wheelbase code
Q4	520	410	25-32
Q5	630	520	25-32
Q6	630	520	40-55
Q7	850	740	25-32
Q8	850	740	40-55
Q9	1100	990	25-32
Q0	1100	990	40-55

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