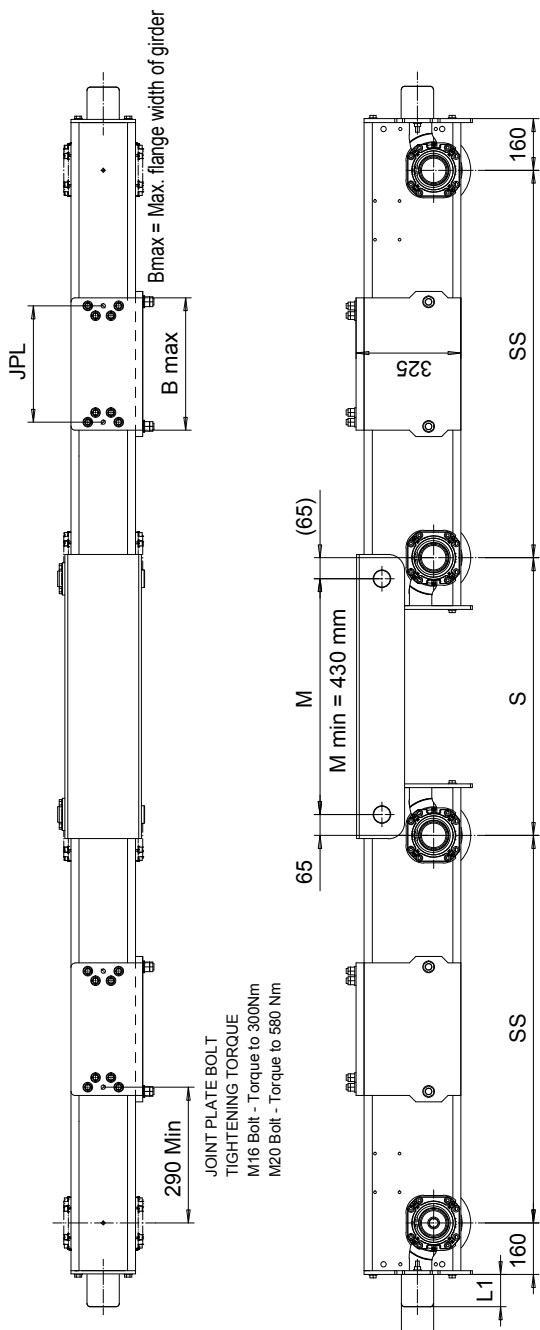


This document is the absolute property of R&M Materials Handling, Inc. This document must not be copied without the written permission of R&M Materials Handling, Inc. The contents thereof must not be disclosed to a third party nor be used for any unauthorized purpose. Contention will be prosecuted.

# RTN20B END TRUCK SIDE JOINT PLATE TYPE R



Buffer type	L1 (mm)	Ø (mm)
B	68	80
C	85	100
D	105	125
K	80	80
G	100	100
E	150	100
F	190	125
H	160	160
I	200	200
M	125	125
P	240	160
S	300	200

B, C, D rubber  
K, G, E, F, H, I, M, P, S 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' / 16").

The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 40 min/in [130 fpm], end truck duty is Fm2m, 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)  
RTN20B1274-R31540C0860-N
- RTN20B - End truck
  - 1274 - Wheel base (mm)
  - R3 - Max dyn wheel load (kN)
  - 1540 - Permissible dyn wheel load (kN)
  - C0 - ASCE 40
  - 860 - ASCE 60
  - N - Standard
  - E - Special
  - primer paint, color code
  - Inner wheel distance = S
  - Buffer type
  - Joint plate distance = PP, (pin to pin, with double girder)
  - Joint plate code
  - = 1WVD, D = 2WD
  - Wheel groove = UUU
  - Wheel base = SS
  - B = bogie
  - Type of end carriage

Wheel base Code	SS (mm)	Max dyn whl load (kN)	Permissible dyn whl load, (kN)	ASCE 40	ASCE 60	ASCE 85	Approx. Weight (kg)
12	1200	132	132	65.9	88	98	469
14	1400	132	132	65.9	88	98	498
16	1600	132	132	65.9	88	98	527
18	1800	132	132	65.9	88	98	556
20	2000	132	132	65.9	88	98	585

Joint plate	JPL (mm)	B max (mm)
R3	250	300
R4	360	410
R5	470	520
R6	580	630

Rev	Description	Specification	Iss	Drawing
RTN20B	RTN20B	RTN20B		
Drawn by	2008-02-23	App'd		
Checked				
Approved				
END TRUCK OUTLINE DRAWING				
RTN20B-R				
RTN20B END TRUCK SIDE JOINT				

R&M MATERIALS HANDLING, INC.  
10000 W. 150th St., Suite 100  
Overland Park, KS 66204-3000  
Phone: 913-241-1111  
Fax: 913-241-1112  
E-mail: sales@rmh.com