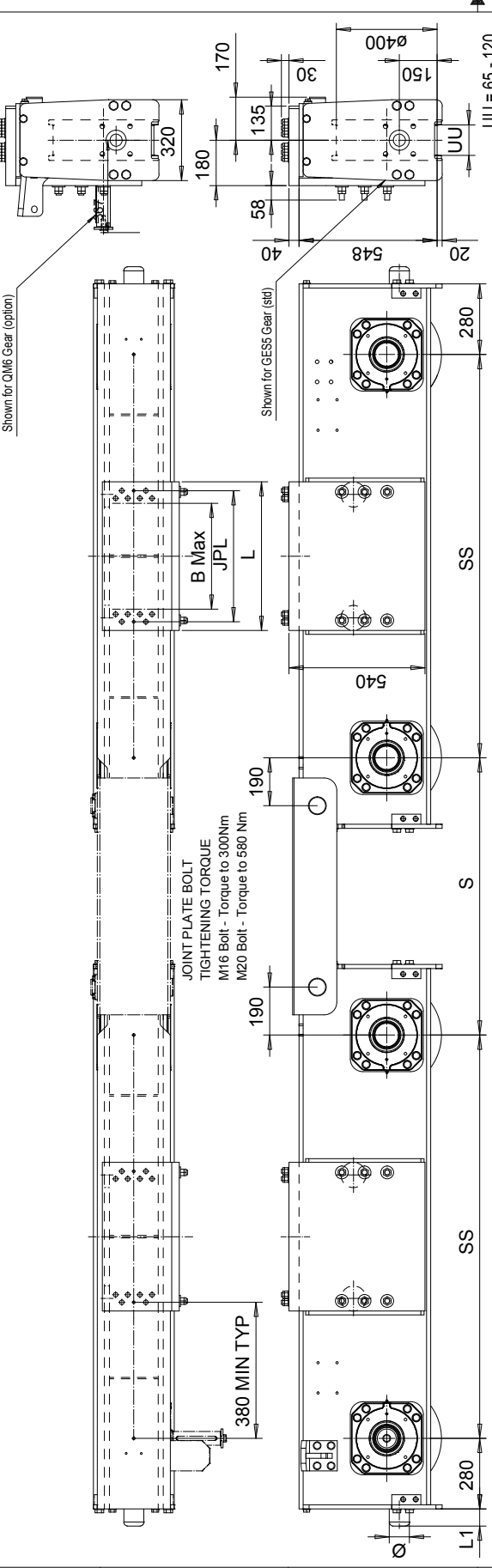


This document is the absolute property of R&M Materials Handling, Inc. This document must not be copied without the written permission of R&M Materials Handling, Inc. The contents thereof must not be disclosed to a third party nor be used for any unauthorized purpose. Contention will be prosecuted.

RTN40B END TRUCK SIDE JOINT PLATE TYPE S



The wheel loads listed are only a guideline. The max. dyn. 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. The load placement is at the center of each truck. The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 32 min/m [100 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.

- N=standard, E=Special
- primer paint, color code
- Inner wheel distance (S), 620 mm min.
- Buffer type
- Joint plate distance (pin to pin, with double DG girder)
- Joint plate code
- =1WD, D =2WD (Number of driving wheels/end carriage)
- Wheel groove =UU
- Wheel base =SS
- B = Bogie
- Type of end carriage

Product Code example
RTN40B1675-S62180C1100-N

Joint plate	JPL (mm)	B max (mm)	L (mm)	Weight/pc (kg)
S6	520	410	590	139
S7	720	620	800	185
S9	1100	990	1170	265

Minimum wheelbase with S9 joint plate is 3150 mm.

*Approximate weight of end truck assumes GESS drive wheel, S6 joint plate, and bogie connector for S = 1100 mm. QM6 drive parts adds extra weight.

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

Item	Weight, kg
QM6	33
Bogie connector	58 kg + (0.091" * (S-620))

Design	Chd	ETTPFA
2008-08-11		END TRUCK
SLEDDOCV		OUTLINE DRAWING
1:7		RTN40B-S
		RTN40B END TRUCK SIDE JOINT

Wheelbase code	SS (mm)	Max dyn whl load, (kN)	Permissible whl load, (kN)	Approx. Wt.*/Bogie Trk (kg)
16	1600	DG 350	ASCE 60 203.3	BETH 135 1917
18	1800	350	203.3	296
20	2000	350	203.3	2009
22	2200	350	203.3	2103
25	2500	350	203.3	2195
			203.3	2335

Design	Chd	ETTPFA	Appd	Rev Drawing
2008-08-11		END TRUCK		
SLEDDOCV		OUTLINE DRAWING		
1:7		RTN40B-S		
		RTN40B END TRUCK SIDE JOINT		

R&M MATERIALS HANDLING, INC.
 1001 W. 10TH AVENUE
 SPRINGFIELD, MO 65703

DATE: 6/2013