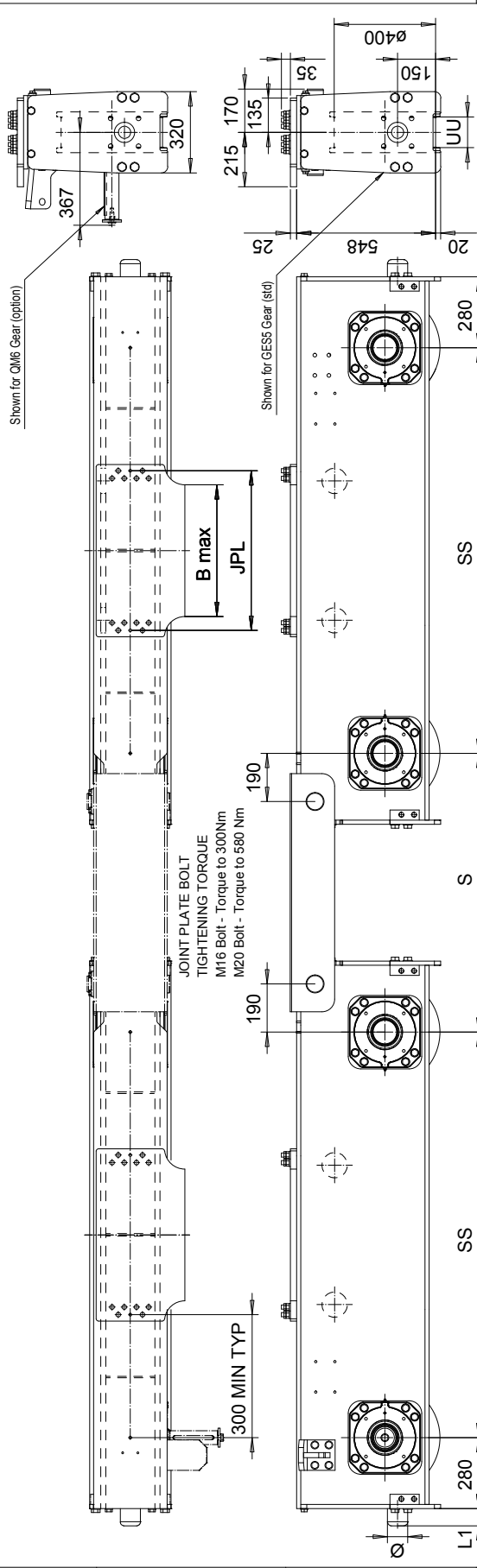


RTN40B END TRUCK TOP JOINT PLATE TYPE K

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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 m/min [100 fpm], end truck duty is Fem 2in, 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), 1000 mm [39.37"] 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)	Weight/pc (kg)
K4	520	410	39
K5	630	520	47
K7	850	740	62
K9	1100	990	79

Minimum wheelbase with K9 joint plate is 3150 mm.

*Approximate weight of end truck assumes GESS5 drive wheel, K5 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))

Wheelbase code	SS (mm)	Max dyn whl load, (kN)	Permissible whl load, (kN)	Approx. Wt./Bogie Trk (kg)	
16	1600	DG	ASCE 60	BETH 135	1733
18	1800	350	203.3	296	1825
20	2000	350	203.3	296	1919
22	2200	350	203.3	296	2011
25	2500	350	203.3	296	2151

Design	App'd	Ref Drawing
2008-08-11		
SLEDDOCV		END TRUCK
1-7		OUTLINE DRAWING
ECN40B		RTN40B-K
Issue		RTN40B END TRUCK TOP JOINT
3/2018		

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