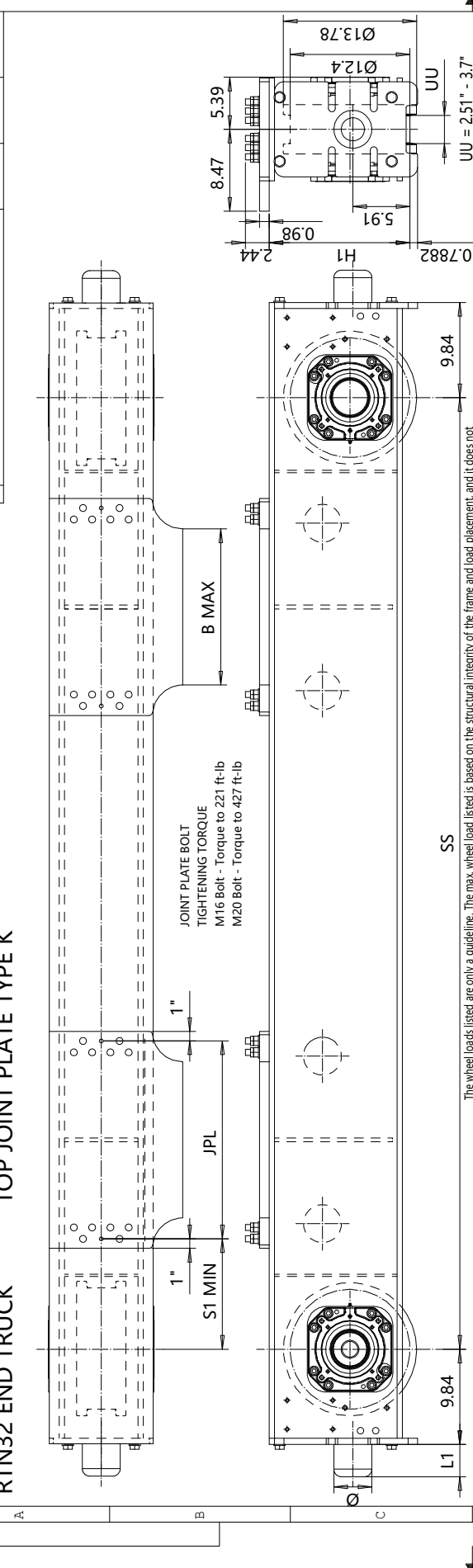




The wheel loads listed are only a guideline. The max wheel load listed is based on the structural integrity of the frame and load placement, and it does not take into account permissible wheel loading or bearing life. SG load placement is at the center, and DG load placement is for a trolley gage of 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.

N = standard, E = Special
- primer paint, color code (not in use)
Buffer type
Joint plate distance (pin to pin, with double DG girder) (driving wheel to pin with asymmetrical single SG girder)
Joint plate code
- = 1WD, D = 2WD (Number of driving wheels/end carriage)
Wheel groove = UU
Wheel base = SS
- = std, C = asymmetrical joint
Type of end carriage

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"

K, G, E, F, H, I, M, P, S polyurethane

Product Code example	RTN32-2574-K40880C0000-N
SS	SS
Max dyn whl load, (kip)	Max dyn whl load, (kip)
SG	SG
DG	DG
Permissible dyn whl load, (kip)	Permissible dyn whl load, (kip)
ASCE 85	ASCE 85
BETH 135	BETH 135
Approx. Wt./Trk, lb	Approx. Wt./Trk, lb
SG	SG
DG	DG
H1	H1
S1 MIN	S1 MIN
25	8'-2 7/16"
32	10'-4"
40	13'-1 1/2"
45	14'-9 1/8"
50	16'-4 7/8"
55	18'-1/2"

Minimum wheelbase with K9 joint plate is 3050mm.