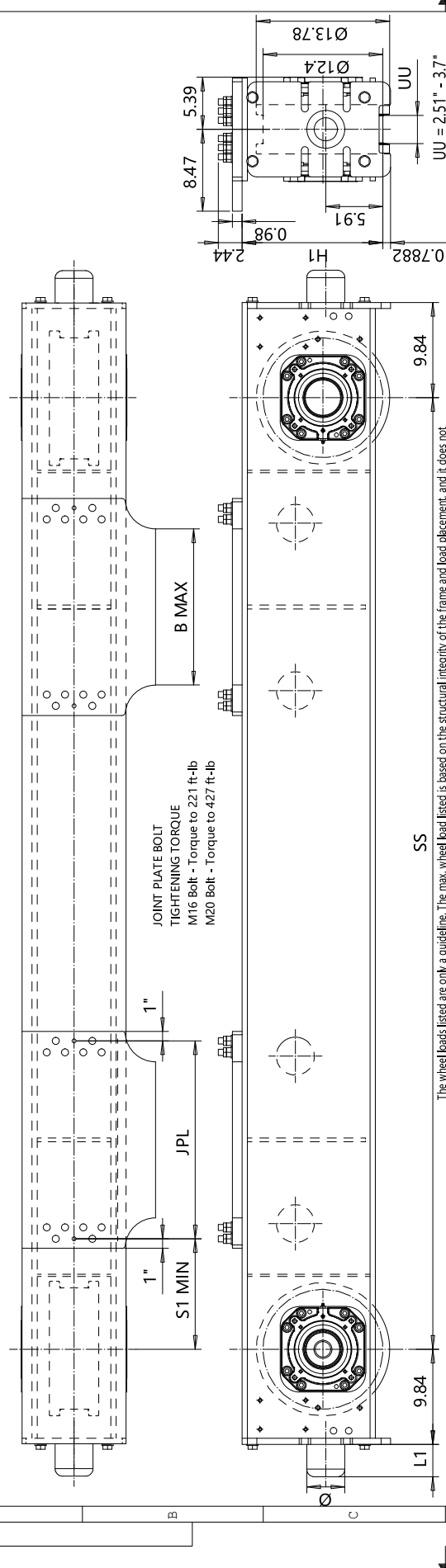


RTN32 END TRUCK TOP JOINT PLATE TYPE K



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.

- N=standard, E=Special
- primer paint, color code (not in use with RTN32)
- 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

Product Code example
RTN32-2574-K40880C0000-N

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"

Joint plate	JPL	B max
K4	20.47"	16.14"
K5	24.80"	20.47"
K7	33.46"	29.13"
K9	43.31"	38.98"

Minimum wheelbase with K9 joint plate is 10'-4".

Wheelbase code	SS	Max dyn whl load, (kip)		Perm dyn whl load, (kip)		Approx. Wt./Trk, lb		H1	S1 MIN
		SG	DG	ASCE 85	BETH 135	SG	DG		
25	8'-2 7/16"	56.93	44	37.5	49.3	1405	1610	14 9/16"	11.03"
32	10'-4"	46.8	41.63	37.5	49.3	1593	1798	14 9/16"	11.03"
40	13'-1 1/2"	45	40.95	37.5	49.3	1796	2001	18 1/2"	12.60"
45	14'-9 1/8"	45	40.95	37.5	49.3	1919	2124	18 1/2"	12.60"
50	16'-4 7/8"	45	40.95	37.5	49.3	2188	2393	21 1/2"	12.60"
55	18'-1/2"	45	40.95	37.5	49.3	2323	2528	21 1/2"	12.60"

Pos	Description	Specification	ETTPA Cnd	Appd	Rev	Drawing
Design	2008-08-11		END TRUCK			
Issue	SLEDOOCV		OUTLINE DRAWING			
Part			RTN32-K			
Proj. Libr						
Scale						
Issue						
3/2012						

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