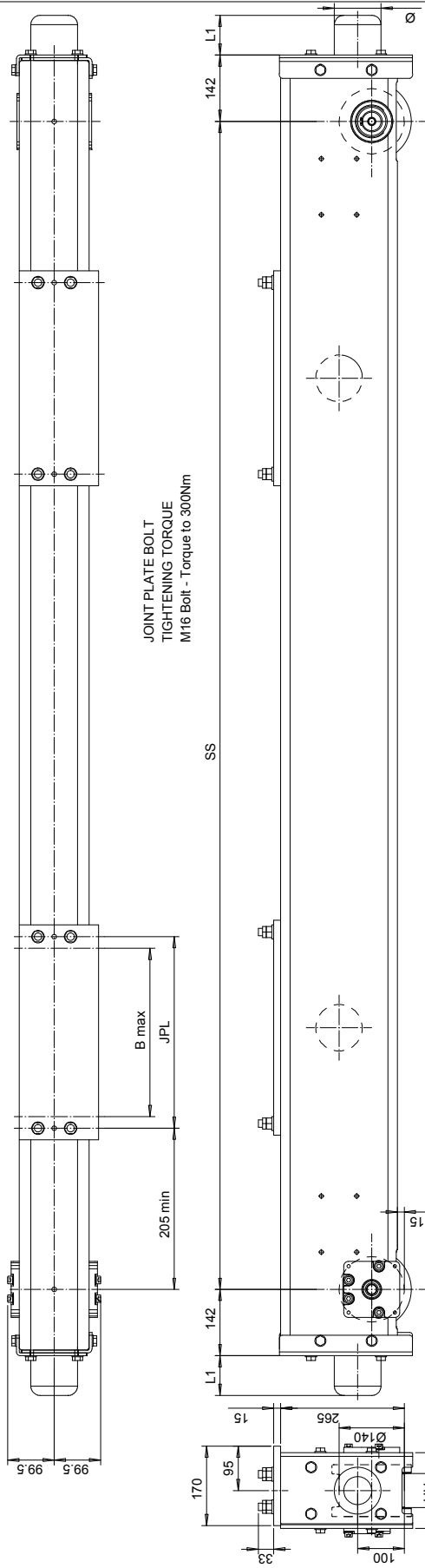


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RTN14 END TRUCK TOP JOINT PLATE TYPE A



UU = 54 mm - 84 mm

Product Code example
RTN14-2574-A40990C0000-N

- 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

Joint plate	Min. Wheelbase (mm)	JPL (mm)	B max (mm)
A4	2500; DG	410	360
A6	2500; DG	700	550

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 [55'18"].

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

Buffer type	L1 (mm)	Ø (mm)
A	53	63
B	68	80
C	85	100
D	105	125
K	80	80
G	100	100
E	150	100
F	190	125
M	125	125
H	160+100	160
P	240+100	160
A, B, C, D rubber		
K, G, E, M, F, H, P polyurethane		

Wheelbase code	SS (mm)	Max dyn whl load, (kN)				Perm dyn whl load, (kN)				Approx Wgt / Trk (kg)	
		SG	DG	ASCE 30	ASCE 40	ASCE 60	ASCE 60	ASCE 40	ASCE 30	SG	DG
16	1600	55	55	37.6	43	58	37.6	43	58	131	140
20	2000	55	55	37.6	43	58	37.6	43	58	150	159
25	2500	55	55	37.6	43	58	37.6	43	58	173	182
32	3150	55	55	37.6	43	58	37.6	43	58	203	212
35	3500	48	55	37.6	43	58	37.6	43	58	220	229
40	4000	32	37	37.6	43	58	37.6	43	58	243	252

Rev	Description	Spec Location	Iss	Drawn by
1	END TRUCK	RTN14-14	1400	RTN14-14
2	OUTLINE DRAWING	RTN14-14	1400	RTN14-14
3	RTN14-A	RTN14-14	1400	RTN14-14
4	RTN14 END TRUCK TOP JOINT	RTN14-14	1400	RTN14-14

RTN14 END TRUCK TOP JOINT
 03/2011