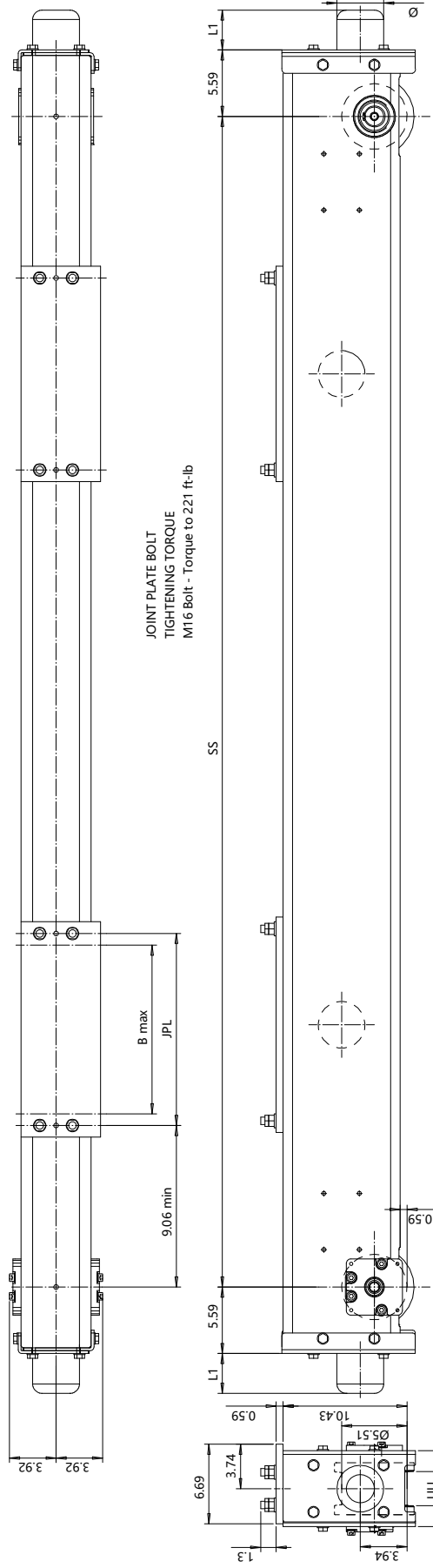


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DFO14 END TRUCK TOP JOINT PLATE TYPE A



UU = 2 1/8" - 3 5/16"

Product Code example

DFO14-2574-A40990C0000-N

- N=standard, E=Special
- primer paint, color code (not in use)
- Buffer type
- Joint plate distance (join 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

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

Joint plate	Min. Wheelbase	JPL	B max
A4	Trolley gage = 47.25"	16.14"	14 3/16"
A6	8'-2 7/16"; DG	23.62"	21 11/16"

Buffer type	L1	Ø
A	2 09"	2 1/2"
B	2 11/16"	3 3/16"
C	3 5/16"	3 15/16"
D	4 1/8"	4 15/16"
K	3 3/16"	3 3/16"
G	3 15/16"	3 15/16"
E	5 15/16"	3 15/16"
M	4 15/16"	4 15/16"
F	7 1/2"	4 15/16"
H	6 15/16"+3 15/16"	6 5/16"
P	9 7/16"+3 15/16"	6 5/16"
K, G, E, M, F, H, P polyurethane		

Wheelbase code	SS	Max dyn whl load, (kip)				Perm dyn whl load, (kip)				Approx Wgt / trk (lb)	
		SG	DG	ASCE 30	ASCE 40	ASCE 60	SG	DG		SG	DG
16	5'-3"	12.38	12.38	8.46	9.675	13.05	289	309			
20	6'-6 3/4"	12.38	12.38	8.46	9.675	13.05	331	351			
25	8'-2 7/16"	12.38	12.38	8.46	9.675	13.05	381	401			
32	10'-4"	12.38	12.38	8.46	9.675	13.05	448	467			
35	11'-5 13/16"	10.8	12.38	8.46	9.675	13.05	485	505			
40	13'-1 1/2"	7.2	8.33	8.46	9.675	13.05	536	556			

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DFO14 END TRUCK TOP JOINT

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