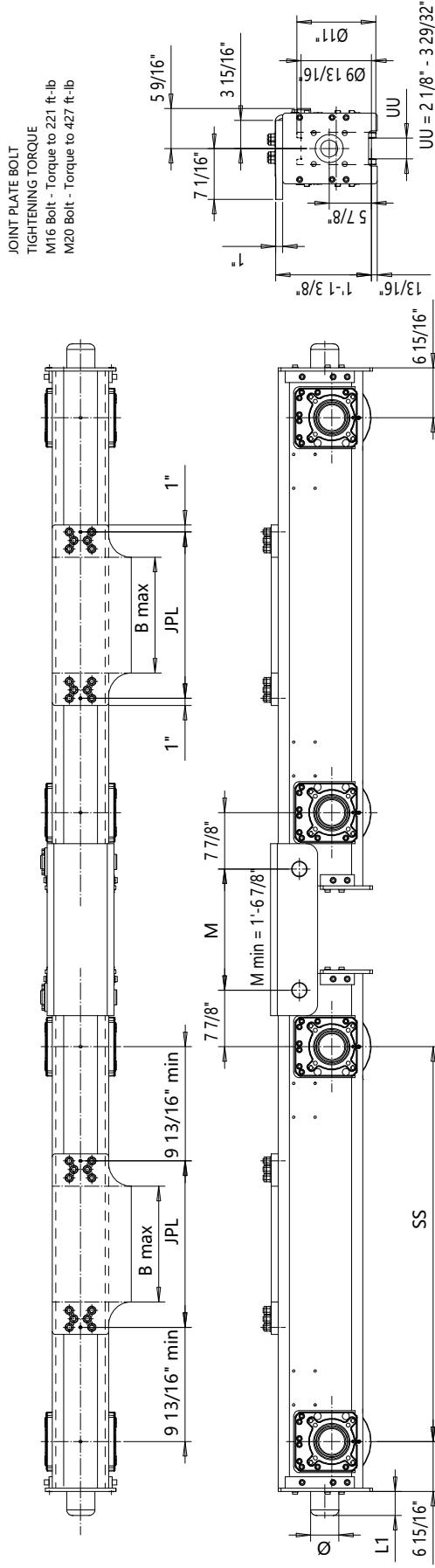


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DFO25B END TRUCK TOP JOINT PLATE TYPE H



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"
K	3 3/16"	3 3/16"
G	3 15/16"	3 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"
B, C, D rubber		
K, G, E, F, H, I, M, P, S polyurethane		

Joint plate	JPL	B max	Min. Wheelbase
H4	23.23"	16 1/8"	4'-7 1/8"
H5	27.56"	20 7/16"	4'-7 1/8"
H7	36.22"	29 1/8"	4'-7 1/8"
H8	46.06"	38 15/16"	5'-3"

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. SC 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.

If permissible dynamic wheel load is greater than the maximum dyn wheel load, use maximum dyn wheel load to select the end truck.

Dyn wheel load = 1.15 x static wheel load

Wheelbase code	SS	Max dyn whl load (kip)		Permissible dyn whl load, (kip)		Approx Weight (lb)	
		ASCE 40	ASCE 60	ASCE 40	ASCE 60	ASCE 85	
14	4'-7 1/8"	41.63	19.1	25.8	28.4	1145	
16	5'-3"	41.63	19.1	25.8	28.4	1224	
18	5'-10 7/8"	41.63	19.1	25.8	28.4	1301	
20	6'-6 3/4"	41.63	19.1	25.8	28.4	1379	
22	7'-2 5/8"	41.63	19.1	25.8	28.4	1456	
25	8'-2 7/16"	38.48	19.1	25.8	28.4	1573	

Product Code example

DFO25B1474-H41640C0830-N

- ↑ N=standard, E=Special
- ↑ -primer paint, color code
- ↑ Inner wheel distance = S
- ↑ Buffer type
- ↑ Joint plate distance =PP;
- ↑ (pin to pin, with double girder)
- ↑ Joint plate code
- ↑ - =1WD, D =2WD
- ↑ Wheel groove =UU
- ↑ Wheel base =SS
- ↑ - B =bogie
- ↑ Type of end carriage

No.	Description	Specification	Id	Drawing
ETTPPH				
2008-12-09				
SLEDDOCV				
END TRUCK				
OUTLINE DRAWING				
DFO25B-H				
DFO25B END TRUCK TOP JOINT				

DEMAG

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E0025
08/2025