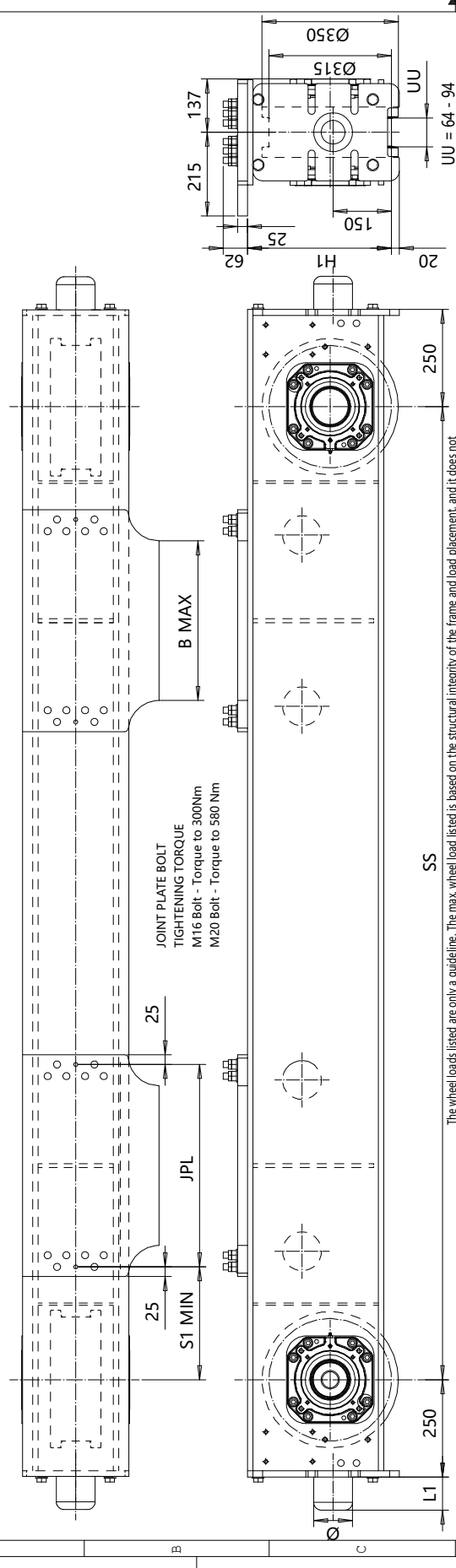


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DFO32 END TRUCK TOP JOINT PLATE TYPE K



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 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

Product Code example
DFO32-2574-K40880C0000-N

Buffer type	L1, (mm)	Ø, (mm)
B	68	80
C	85	100
D	105	125
E	150	100
F	190	125
H	160	160
I	200	200
M	125	125
P	240	160
S	300	200
T	350	250
Y	475	250

Joint plate	JPL (mm)	B max (mm)
K4	520	410
K5	630	520
K7	850	740
K9	1100	990

Wheelbase code	SS (mm)	Max dyn whl load, (kN)		Perm dyn whl load, (kN)		Approx Wt./Trk, kg			H1 (mm)	S1 MIN (mm)
		SG	DG	ASCE 85	BETH 135	SG	DG	DG		
25	2500	253	253	166.5	219	638	731	370	280	
32	3150	200	253	166.5	219	723	816	370	280	
40	4000	208	253	166.5	219	815	908	470	320	
45	4500	185	243	166.5	219	871	964	470	320	
50	5000	200	253	166.5	219	993	1086	545	320	
55	5500	182	225	166.5	219	1054	1147	545	320	

No.	Description	Specification	Id	Drawing
ETTPA	Design	ETTPA		
2008-08-11	Date	END TRUCK		
SLEDDOCV	Sheet	OUTLINE DRAWING		
1-7	Folder	DFO32-K		
ENB32	Year	DFO32 END TRUCK TOP JOINT		
3/2012	Version			

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