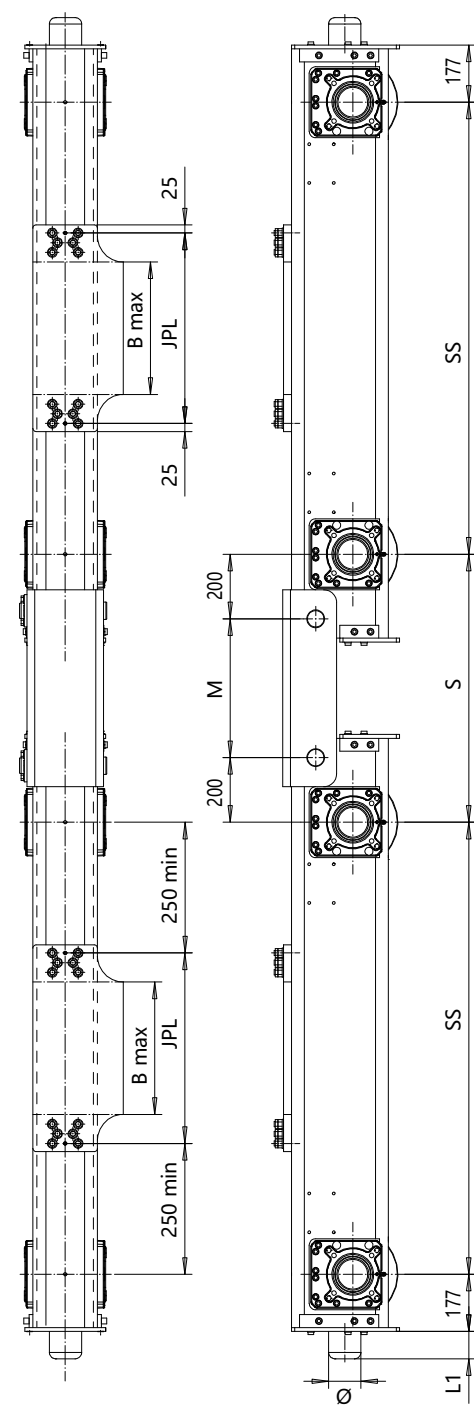


JOINT PLATE BOLT
TIGHTENING TORQUE
M16 Bolt - Torque to 300Nm
M20 Bolt - Torque to 580 Nm



Buffer type	L1, (mm)	Ø, (mm)
B	68	80
C	85	100
D	105	125
K	80	80
G	100	100
E	150	100
F	190	125
H	160	160
I	200	200
M	125	125
P	240	160
S	300	200
B, C, D rubber		
K, G, E, F, H, I, M, P, S polyurethane		

Joint plate	JPL (mm)	B max (mm)	Min. Wheelbase (mm)
H4	590	410	1400
H5	700	520	1400
H7	920	740	1400
H8	1170	990	1600

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

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

Wheelbase code	SS (mm)	Max whl load (kN)	Permissible dyn whl load, (kN)	Approx Weight (kg)
14	1400	185	ASCE 40 85 ASCE 60 114.6 ASCE 85 126.5	519
16	1600	185	85 114.6 85 126.5	555
18	1800	185	85 114.6 85 126.5	590
20	2000	185	85 114.6 85 126.5	625
22	2200	185	85 114.6 85 126.5	660
25	2500	171	85 114.6 85 126.5	713

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

DEMAG