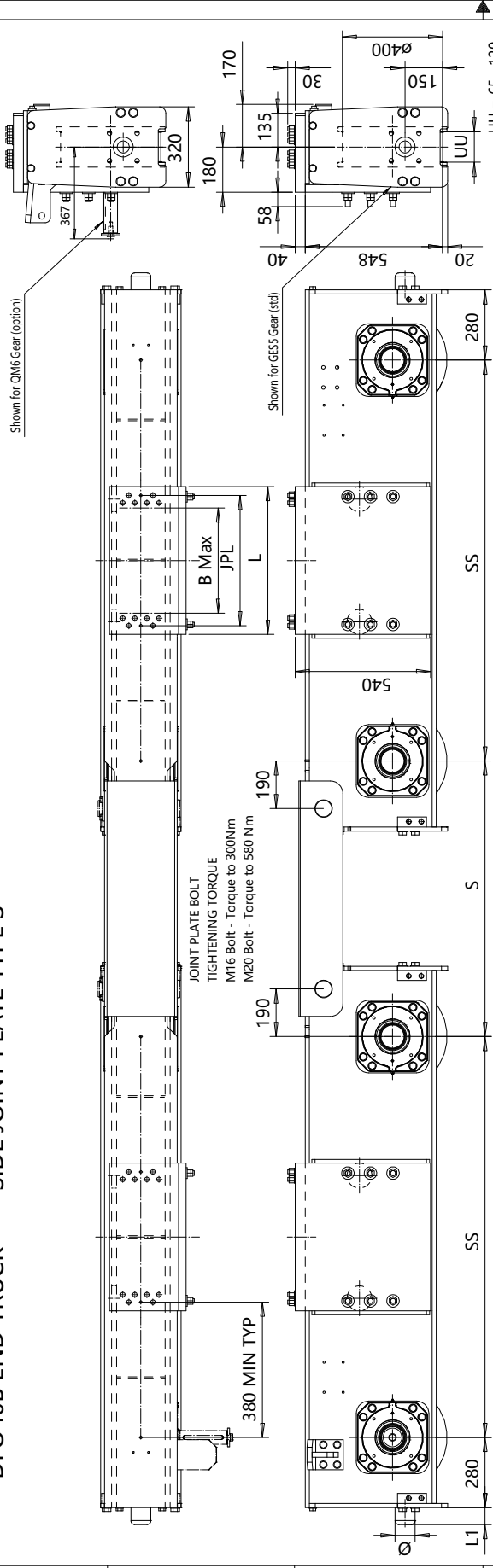


DFO40B END TRUCK SIDE JOINT PLATE TYPE S



The wheel loads listed are only a guideline. The max. dyn. 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. The load placement is at the center of each truck. The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 32 m/min (100 fpm) and truck duty is Fm 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	JPL (mm)	B max (mm)	L (mm)	Weight/pc (kg)
S6	520	410	590	139
S7	720	620	800	185
S9	1100	990	1170	265

Minimum wheelbase with S9 joint plate is 3150 mm.

*Approximate weight of end truck assumes GESS drive wheel, S6 joint plate, and bogie connector for S = 1100 mm. QM6 drive parts adds extra weight.

Wheelbase code	SS (mm)	Max dyn whl load, (kN)	Perm dyn whl load, (kN)			Approx. Wt.*/Bogie Trk (kg)
16	1600	DG 350	ASCE 60 203.3	ASCE 85 224.5	BETH 135 296	1917
18	1800	350	203.3	224.5	296	2009
20	2000	350	203.3	224.5	296	2103
22	2200	350	203.3	224.5	296	2195
25	2500	350	203.3	224.5	296	2335

Item	Weight kg
QM6	33
Bogie connector	$58 \text{ kg} + (0.091 * (S-620))$

ET/PIA	ET/PIA	ET/PIA	Ref Drawing
Design	Chd	Aspd	

2009-08-11	END TRUCK	1.7
2009-08-11	OUTLINE DRAWING	ECN40B
SLEDDOCV Dept	DECA00B C	

DEMAG.....

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