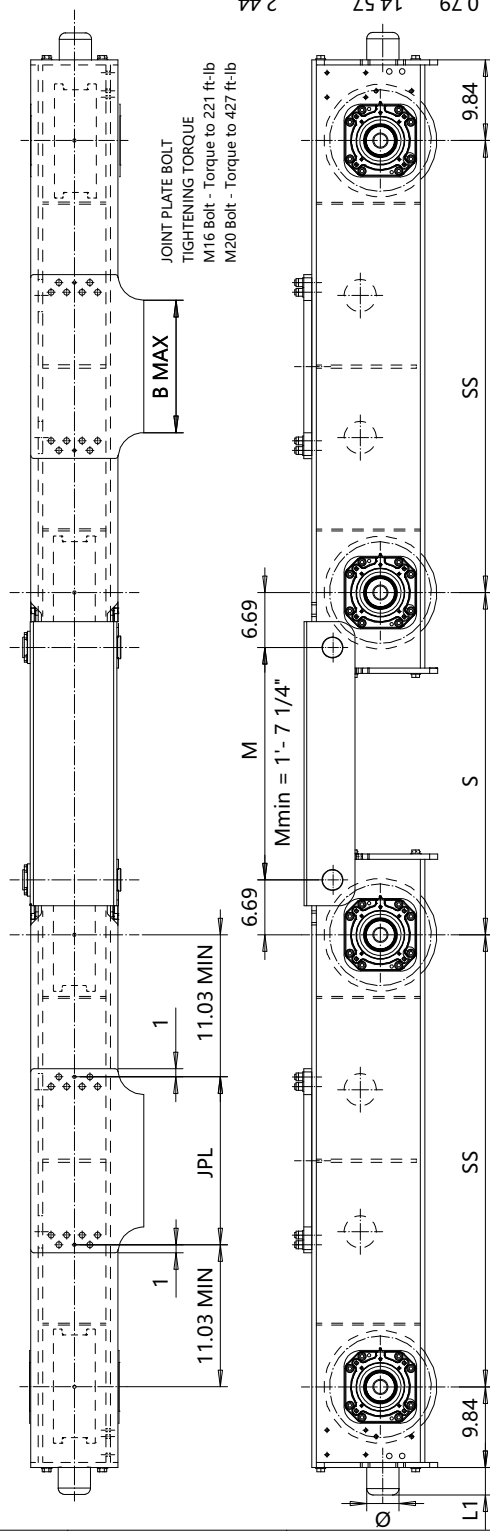


DFO32B END TRUCK



Product Code example

DFO32B1474-K41940C1060-N

- N=standard, E=Special
- primer paint, color code
- Inner wheel distance, mm
- Buffer type
- Joint plate distance, mm (pin to pin, with DG)
- Joint plate code
- = 1WD, D = 2WD (Number of driving wheels/truck)
- Wheel groove = UU, mm
- Wheel base = SS, mm
- = std, B=loggie
- Type of end carriage

Joint plate	JPL	B max
K4	20.47"	16.14"
K5	24.80"	20.47"
K7	33.46"	29.13"
K9	43.31"	38.98"

Minimum wheelbase with K9 joint plate is 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. Load placement is assumed at the center of each truck.

The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 40 m/min (130 fpm), end truck duty is Fm 2m, and the runway rail is 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.

Dynamic wheel load = 1.15 x static wheel load

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"
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"
T	13 3/4"	9 7/8"
Y	18 3/4"	9 7/8"
B, C, D rubber		
K, G, E, F, H, I, M, P, S polyurethane		

Wheelbase code	SS	Max dyn whl load (kip)	Permissible dyn whl load, (kip)	Approx. Wt./Trk, lb
14	4'-7 7/8"	56.93	ASCE 40 25.2 ASCE 60 33.9 ASCE 85 37.5 BETH 135 49.3	2276
16	5'-3"	56.93	25.2 33.9 37.5 49.3	2391
18	5'-10 7/8"	56.93	25.2 33.9 37.5 49.3	2506
20	6'-6 3/4"	56.93	25.2 33.9 37.5 49.3	2621

No.	Description	Specification	ETTPA Chd	Appd	Ref Drawing
2008-08-11	Design	2008-08-11	END TRUCK		
SLEDOCV	Drawn		OUTLINE DRAWING		
DFO32B-K	Folder		DFO32B-K		
DFO32B END TRUCK TOP JOINT	Folder		DFO32B-K		
08/2025	Issue				