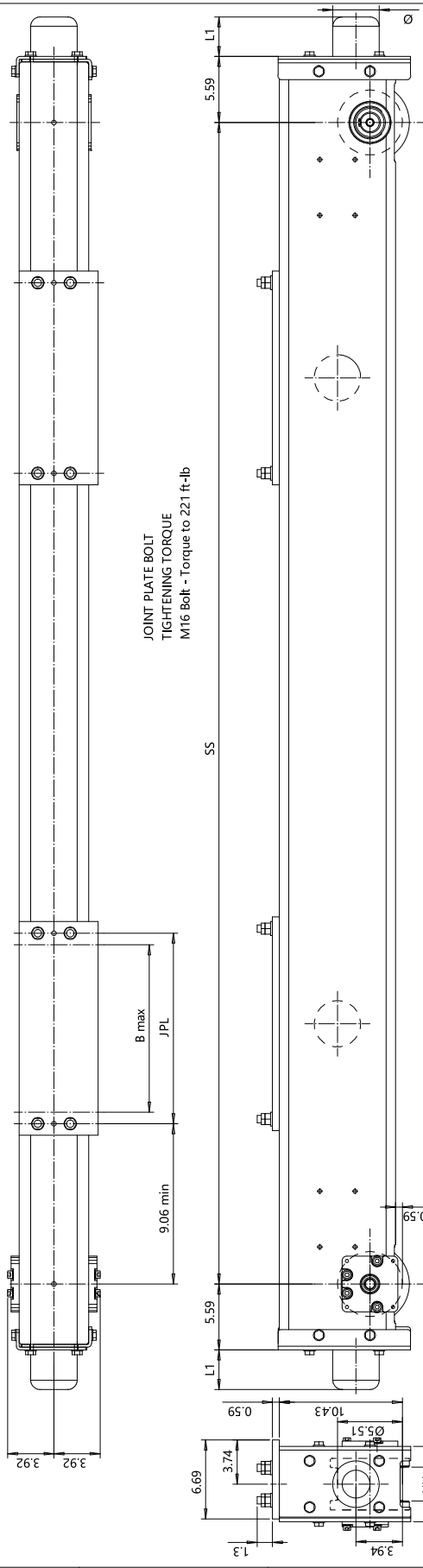
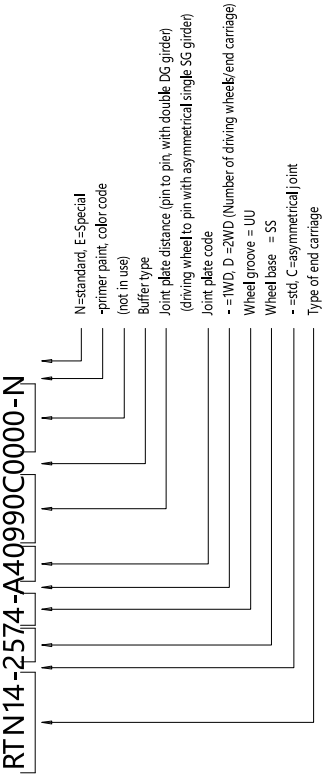


RTN14 END TRUCK TOP JOINT PLATE TYPE A



Product Code example
RTN14-2574-A40990C0000-N



Joint plate	Min. Wheelbase	JPL	B max
A4	8'-2 7/16"; DG	16.14"	14 3/16"
A6	8'-2 7/16"; DG	23.62"	21 11/16"

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 Fern 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

Wheelbase code	SS	Max dyn whl load, (kip)			Permitted dyn whl load, (kip)			Approx Wgt / trk (lb)		
		SG	DG	ASCE 30	ASCE 40	ASCE 60	ASCE 60	ASCE 60	ASCE 60	ASCE 60
16	5'-3"	12.38	12.38	8.46	9.675	13.05	13.05	289	DG	309
20	6'-6 3/4"	12.38	12.38	8.46	9.675	13.05	13.05	331	DG	351
25	8'-2 7/16"	12.38	12.38	8.46	9.675	13.05	13.05	381	DG	401
32	10'-4"	12.38	12.38	8.46	9.675	13.05	13.05	448	DG	467
35	11'-5 13/16"	10.8	12.38	8.46	9.675	13.05	13.05	485	DG	505
40	13'-1 1/2"	7.2	8.33	8.46	9.675	13.05	13.05	536	DG	556

Buffer type	L1	Ø
A	2.09"	2 1/2"
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"
M	4 15/16"	4 15/16"
F	7 1/2"	4 15/16"
H	6 15/16"+3 15/16"	6 5/16"
P	9 7/16"+3 15/16"	6 5/16"
K, G, E, M, F, H, P polyurethane		

Rev	Description	Specification	Iss	Drawing
RTN14-VPH	Max. dyn. whl load	RTN14-VPH		
2008-10-14	Issue	END TRUCK		
RTN14-VPH	Max. dyn. whl load	OUTLINE DRAWING		
RTN14-A	Issue	RTN14-A		
RTN14	Issue	RTN14		
04/2018	Issue	RTN14 END TRUCK TOP JOINT		