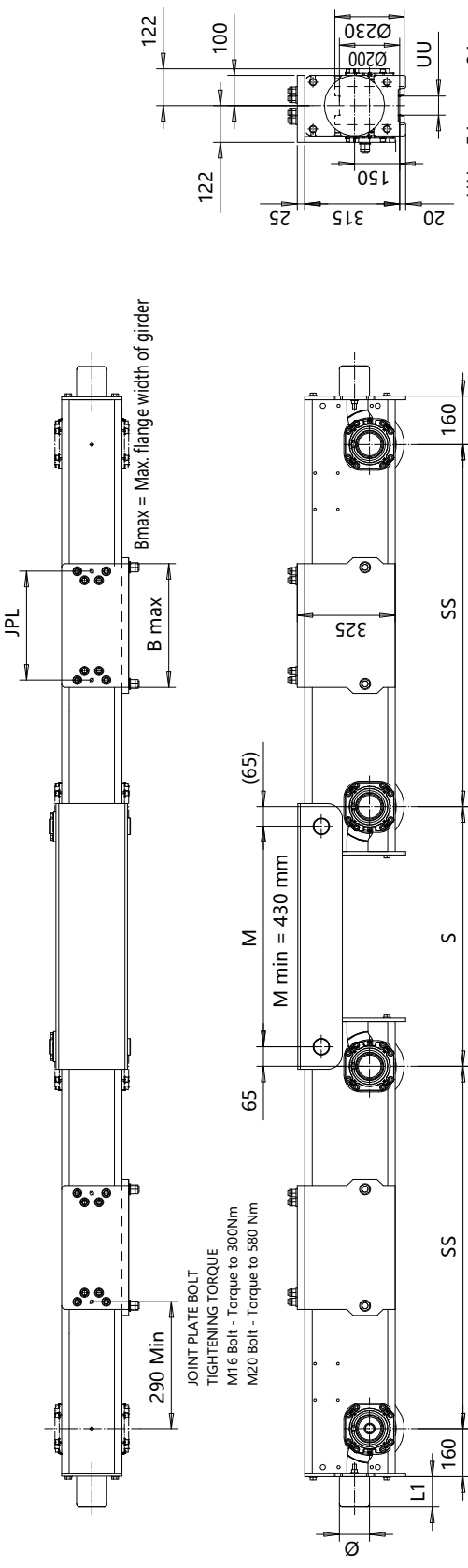


SIDE JOINT PLATE TYPE R



UU = 54 mm - 94 mm

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 gauge 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 Fcm 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

(Product Code example)
RTN20B1274-R31540C0860-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
→ - = IWD, D = 2WD
→ Wheel groove = UU
→ Wheel base = SS
→ - B = bogie
→ Type of end carriage

Joint plate	JPL (mm)	B max (mm)
R3	250	300
R4	360	410
R5	470	520
R6	580	630

Wheel base Code	SS (mm)	Max dyn whl load (kN)	Permissible dyn whl load, (kN)	ASCE 40	ASCE 60	ASCE 85	Approx. Weight (kg)
12	1200	132	65.9	88	98	98	469
14	1400	132	65.9	88	98	98	498
16	1600	132	65.9	88	98	98	527
18	1800	132	65.9	88	98	98	556
20	2000	132	65.9	88	98	98	585

B, C, D rubber
K, G, E, F, H, I, M, P, S polyurethane

Rev

Description

Specification

Id

Issued

Revised

RTN20B

End Truck

RTN20B

End Truck

RTN20B

End Truck

2008-05-23

2008-05-23

2008-05-23

2008-05-23

2008-05-23

2008-05-23

END TRUCK

OUTLINE DRAWING

RTN20B-R

RTN20B END TRUCK SIDE JOINT

1:10

1:10

1:10

1:10

1:10

1:10

ECN20

ECN20

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