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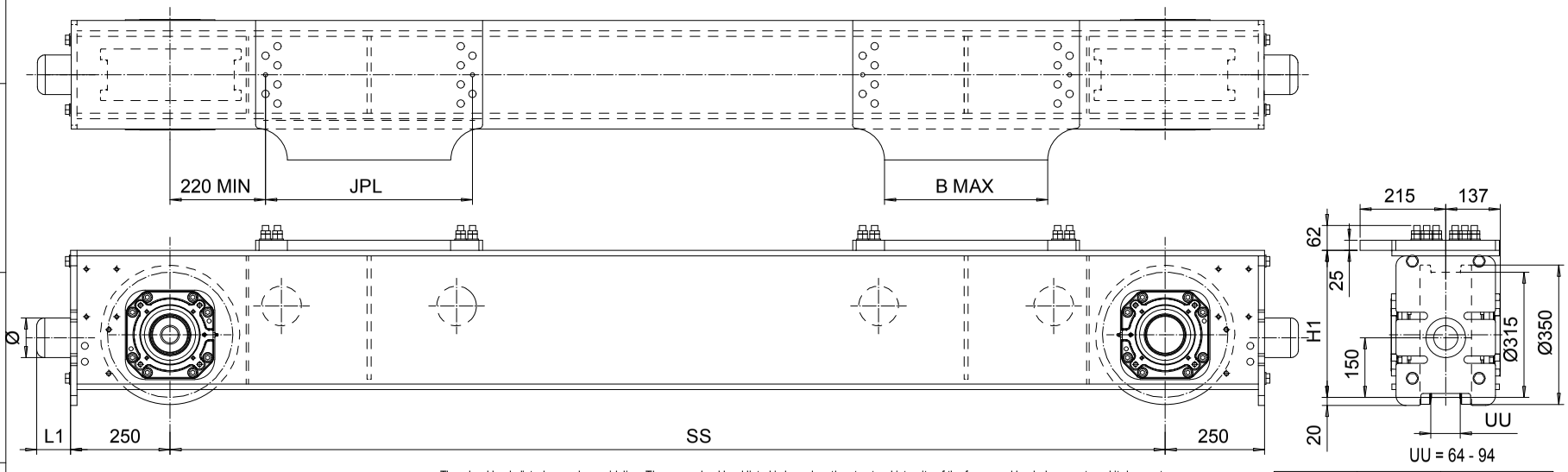
Included in				
Rev	Explanation	Date	Revised by	Checked by

RTN32 END TRUCK TOP JOINT PLATE TYPE K



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 Fem 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 wheel load, then the actual wheel load cannot exceed maximum wheel load.

Product Code example

RTN32-2574-K40980C0000-N

- N=standard, E=Special
- -primer paint, color code
- (not in use with RTN32)
- Buffer type
- Joint plate distance (pin to pin, with double DG girder)
  (driving wheel to pin with asymmetrical single SG girder)
- Joint plate code
- - =1WD, D =2WD (Number of driving wheels/end carriage)
- Wheel groove =UU
- Wheel base =SS
- - =std, C=asymmetrical joint
- Type of end carriage

Joint plate	JPL	B max
	(mm)	(mm)
K4	520	410
K5	630	520
K7	850	740
K9	1100	990

Minimum wheelbase with K9 joint plate is 3150 mm.

Buffer type	L1, (mm)	Ø, (mm)
B	68	80
C	85	100
D	105	125
E	150	100
F	190	125
H	160	160
I	200	200
M	125	125
P	240	160
S	300	200
T	350	250
Y	475	250
B, C, D rubber		
E, F, H, I, M, P, S, T, Y polyurethane		

Wheelbase	SS	Max whl load, (kN)		Perm dyn whl load, (kN)		Approx Wt./Trk, kg		H1
code	(mm)	SG	DG	ASCE 85	BETH 135	SG	DG	
25	2500	253	253	143	171	638	731	370
32	3150	200	253	143	171	723	816	370
40	4000	208	253	143	171	815	908	470
45	4500	185	243	143	171	871	964	470
50	5000	200	253	143	171	993	1086	545
55	5500	182	225	143	171	1054	1147	545

Pos.	Description	Specification	Id.	Drawing
ETTPIA Design		ETTPIA Chd	Appd.	Ref Drawing
2008-08-11 Date	END TRUCK			
SLEQDOCV Dept	OUTLINE DRAWING			1 : 7
R&M MATERIALS HANDLING INC.	R&M MATERIALS HANDLING, INC. HOIST & CRANE PRODUCTS SPRINGFIELD, OHIO	RTN32-K		Folder ECN32
		RTN32 END TRUCK TOP JOINT		Issue 5/2010