

01/2014 – English



PRODUCT DRAWINGS

UNDER RUNNING CRANE END CARRIAGE

DU
DR

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1. DU 08

UNDER RUNNING END CARRIAGE, DU08

a) with MF06 motor and GEK2 gear combination.

Free twisting angle of the beam $\pm 4^\circ$

< Free horizontal movement of the beam ± 11 mm >

Width

Top rail length ($L + 2 \times L_1$)

Code	D1 [mm]	L1 [mm]
A	63	53
B	80	68
C	100	85
K	80	80
G	100	100
E	100	150
A, B, C: Rubber		
K, G, E: Polyurethane		

Wheels	B [mm]	L2 [mm]	L3 [mm]	L4 [mm]	Width [mm]
Normal	73...120	26	26	41	306
Normal	121...168	26	26	41	354
Normal	169...216	26	26	41	402
Normal	217...264	26	26	41	450
Normal	265...313	26	26	41	498
Patent	63...110	21	31	46	306
Patent	111...158	21	31	46	354

WHEELBASE [mm]	Max dyn corner load [kN]	L [mm]	Weight [kg]
1200	25	1530	110
1400	25	1730	117
1800	25	2130	131
2300	23	2630	148
2800	20	3130	165

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D004649-B_3 2008-01-31 UU08

2. DU 10

UNDER RUNNING END CARRIAGE, DU10

a) with MF06 motor and GEK2 gear combination.

Free twisting angle of the beam
±4°

< Free horizontal movement of the beam ± 11 mm >

Width

Suitable buffers		
Code	D1 [mm]	L1 [mm]
A	63	53
B	80	68
C	100	85
K	80	80
G	100	100
E	100	150
A, B, C: Rubber K, G, E: Polyurethane		

Possible B-dimensions					
Wheels	B [mm]	L2 [mm]	L3 [mm]	L4 [mm]	Width [mm]
Normal	82...130	31.5	25.5	41.5	325
Normal	131...178	31.5	25.5	41.5	373
Normal	179...226	31.5	25.5	41.5	421
Normal	227...274	31.5	25.5	41.5	469
Normal	275...322	31.5	25.5	41.5	517
Patent	61...109	21	36	52	325
Patent	110...157	21	36	52	373

WHEELBASE [mm]	Max dyn corner load [kN]	L [mm]	Weight [kg]	H [mm]
1200	46	1590	161	180
1400	46	1790	171	180
1800	46	2190	191	180
2300	46	2690	217	180
2800	46	3190	275	200
3200	44	3590	299	200
3500	40	3890	318	200

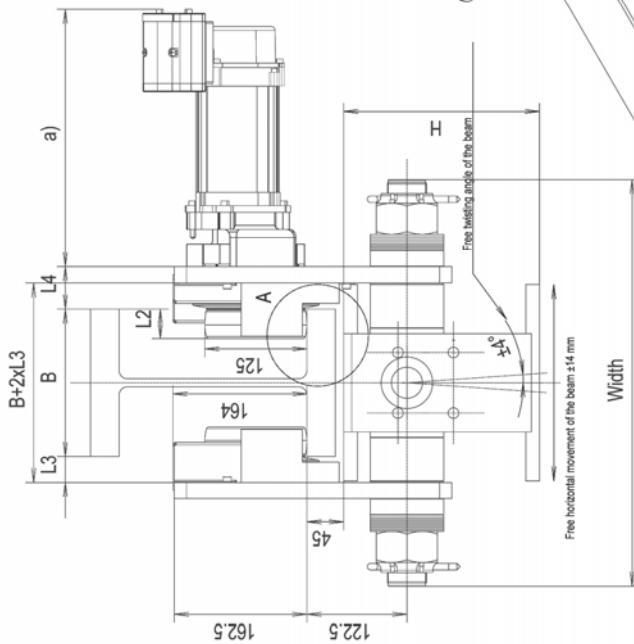
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D004973-A_2 2008-01-31 UU10

3. DU 13



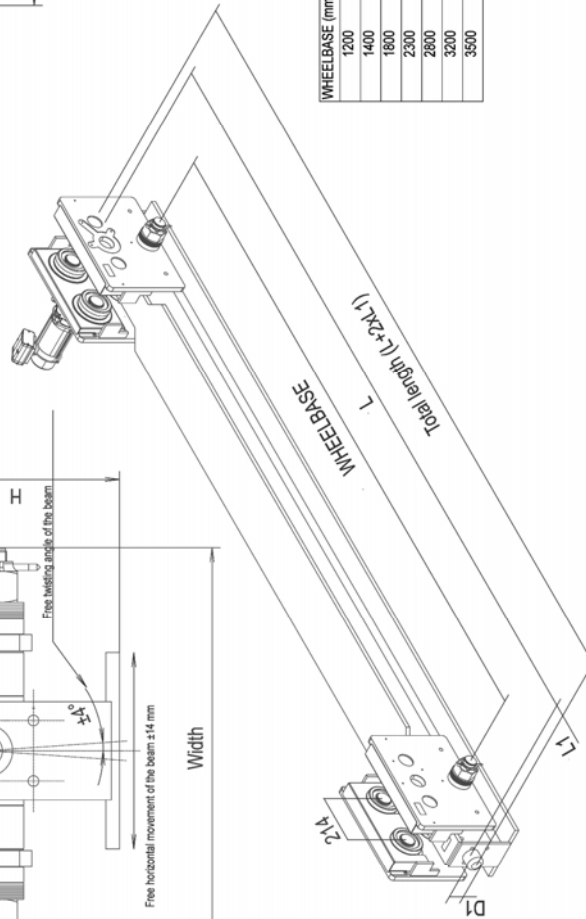
a) with MF06 motor and GEK2 gear combination.
 -MF06MA 314 mm
 -MF06LA 354 mm
 -MF06LB 354 mm



Suitable buffers		
Code	D1 (mm)	L1 (mm)
A	63	53
B	80	68
C	100	85
D	125	105
K	80	80
G	100	100
E	100	150
M	125	125
F	125	190
A, B, C, D Rubber		
K, G, E, M, F Polyurethane		

Possible B-dimensions					
Wheels	B (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Width (mm)
Normal	100...179	36	32	52	418
Normal	180...259	36	32	52	488
Normal	260...343	36	32	52	578
Patent	64, 143	20	50	70	418
Patent	144...223	20	50	70	488

WHEELBASE (mm)	Max dyn corner load (kN)	L (mm)	Weight (kg)	H (mm)
1200	80.5	1680	300	220
1400	80.5	1860	314	220
1800	80.5	2280	343	220
2300	80.5	2750	378	220
2800	80.5	3280	453	240
3200	72	3680	486	240
3500	65	3950	511	240



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D103881-A 2008-10-10 DU13

4. DR 10

UNDER RUNNING END CARRIAGE, DR10

a) with MF06 motor and GEK2 gear combination.

Free twisting angle of the beam $\pm 4^\circ$

< Free horizontal movement of the beam ± 11 mm >

Code	D1 [mm]	L1 [mm]
A	63	53
B	80	68
C	100	85
K	80	80
G	100	100
E	100	150

A, B, C: Rubber
K, G: Polyurethane

Wheels	B [mm]	L2 [mm]	L3 [mm]	L4 [mm]	Width [mm]	W1 [mm]	W2 [mm]
Normal	82...130	31.5	25.5	41.5	325	360	211
Normal	131...178	31.5	25.5	41.5	373	360	211
Normal	179...226	31.5	25.5	41.5	421	505	356
Normal	227...274	31.5	25.5	41.5	469	505	356
Normal	275...322	31.5	25.5	41.5	517	505	356
Patent	61...109	21	36	52	325	360	211
Patent	110...157	21	36	52	373	360	211

WHEELBASE [mm]	Max dyn corner load [kN]	L [mm]	L5 [mm]	Weight [kg]	H [mm]	H1 [mm]
1400	46	1790	440	285	180	180
1800	46	2190	840	305	180	180
2300	46	2690	1340	330	180	180
2800	46	3190	1840	370	180	200

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D005016-A_4 2008-06-05 UR10

5. DR 13

See drawing QINST-1-A for general manufacturing instructions

*a) with MF06 motor and GEK2 gear combination.
 -MF06MA 314 mm
 -MF06LA 354 mm
 -MF06LB 354 mm

Dimensions: 1, 2, 3, 4, 5, 6, 7, 8 (horizontal); A, B, C, D, E, F (vertical)

Labels: WHEELBASE, Total length (L+2xL1), L5, 214, D1, L1, H, W2, L3, B, L4, L2, B+2xL3, 125, 164, 122.5, W1, Width, 45, ±2°, Free twisting angle of the beam, < Free horizontal movement of the beam ±14 mm >, 1.5±3.0, 19.5, L2

WHEELBASE (mm)	Max dyn corner load (kN)	L (mm)	L5 (mm)	Weight (kg)	H (mm)	H1 (mm)
1400	80.5	1890	370	4.50	240	260
1800	80.5	2290	770	4.80	240	260
2300	80.5	2790	1270	5.17	240	260
2800	80.5	3290	1770	5.95	240	300
3200	72	3690	2170	6.32	240	300
3500	65	3990	2470	6.59	240	300

Code	D1 (mm)	L1 (mm)
A	63	53
B	80	68
C	100	85
D	125	105
K	80	80
G	100	100
E	100	150
M	125	125
F	125	190

Material: A, B, C, D Rubber
K, G, E, M, F Polyurethane

Wheels	B (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Width (mm)	W1 (mm)	W2 (mm)
Normal	100..179	36	32	52	418	412	212
Normal	180..259	36	32	52	498	557	357
Normal	260..323	36	32	52	578	557	357
Patent	64..143	20	50	70	418	412	212
Patent	144..223	20	50	70	498	557	357

Page:	02-12-2010	Material:	ettrsi	Material:	ettrsi	Scale:	A3
Year:	02-12-2010	Label:	URPRR	Label:	URPRR	Scale:	1:6
Author:	Engineering STD	Title:		END CARRIAGE		Size:	
Engineering STD	DIMENSION DRAWING		DR13		Weight (kg)		-
SWF	Drawing No.:		D112378-A		Date:		53012463
3		5		6		8	

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