

EUROBLOC®

TECHNICAL GUIDE FOR HOISTS

Dimensions (SI/50Hz)

English SUPDOCTGQDIM4-0.ORD 27.5.2016

- - - - -

080704

SI



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SUPDOCTGQDIM40100-0 PS02505 27.5.2016

Original instructions

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1 CHANGE HISTORY

Change	Drawing code	Table code	Modified by	Date
C-dimensions changed.		059568	ETTPSU	2.8.2013
C-dimensions changed.		004991	ETTPSU	2.8.2013
C-dimensions changed.		005000	ETTPSU	2.8.2013
C-dimensions changed.		062531	ETTPSU	2.8.2013
C-dimensions changed.		062529	ETTPSU	2.8.2013
C-dimension increases changed.		157665	ETTPSU	2.8.2013
Dimensions R and M2 updated.		102573	ETTPSU	3.11.2013
Dimensions R and M2 updated. M2 added to drawing.	D006937-A	102574	ETTPSU	3.11.2013
Dimensions R and M2 updated.		102575	ETTPSU	3.11.2013
Dimensions R and M2 updated.		102576	ETTPSU	3.11.2013
Dimension Max R updated for length codes G/H		090649	ETTPSU	3.11.2013
Dimension Max R updated for length codes G/H		090650	ETTPSU	3.11.2013
Dimension Max R updated for length codes G/H		090651	ETTPSU	3.11.2013
Dimension Max R updated for length codes G/H		090652	ETTPSU	3.11.2013
Dimension Max R updated for length codes K/L/M		090653	ETTPSU	3.11.2013
Dimension Max R updated for length codes K/L/M		090654	ETTPSU	3.11.2013
Dimension Max R updated for length codes K/L/M		090655	ETTPSU	3.11.2013
Dimension Max R updated for length codes K/L/M		090656	ETTPSU	3.11.2013
Dimension Max R updated for length codes J/K/L/M		090657	ETTPSU	3.11.2013
Dimension Max R updated for length codes J/K/L/M		090658	ETTPSU	3.11.2013
Dimension Max R updated for length codes J/K/L/M		090659	ETTPSU	3.11.2013
Dimension Max R updated for length codes J/K/L/M		090660	ETTPSU	3.11.2013
C Increase values updated for VT3.		157665	ETTPSU	12.03.2014
VT2/VT3 service platform dimensions updated.		135661	ETTPSU	13.03.2014
M2 corrected for length code H.		090660	ETTPSU	17.7.2014
Dimensions rearranged, cubicle selection tables removed.		103527	ETTPSU	3.11.2014
Dimensions rearranged, cubicle selection tables removed.		103528	ETTPSU	3.11.2014
Dimensions rearranged, cubicle selection tables removed.		103529	ETTPSU	3.11.2014
Dimensions rearranged, cubicle selection tables removed.		101302	ETTPSU	3.11.2014
Dimensions rearranged, cubicle selection tables removed.		101303	ETTPSU	3.11.2014
Dimensions rearranged, cubicle selection tables removed.		101304	ETTPSU	3.11.2014
Dimensions rearranged, cubicle selection tables removed.		101305	ETTPSU	3.11.2014
Electric cubicle dimension / selection data added.		191937	ETTPSU	3.11.2014
Data rearranged.	D007500-A	157545	ETTPSU	11.11.2014
Dimensions rearranged.		061739	ETTPSU	21.11.2014
Dimensions rearranged.		062124	ETTPSU	21.11.2014
Dimensions rearranged.		001576	ETTPSU	21.11.2014
Dimensions rearranged.		062166	ETTPSU	21.11.2014
Dimensions rearranged.		062511	ETTPSU	21.11.2014
Dimensions rearranged.		062531	ETTPSU	21.11.2014
Dimensions rearranged.		062529	ETTPSU	21.11.2014
Dimensions rearranged.		059568	ETTPSU	21.11.2014
Dimensions rearranged.		004991	ETTPSU	21.11.2014
Dimensions rearranged.		005000	ETTPSU	21.11.2014
Dimensions rearranged.		062129	ETTPSU	21.11.2014
Dimensions rearranged.		062130	ETTPSU	21.11.2014
Dimensions rearranged.		062140	ETTPSU	21.11.2014
Dimensions rearranged.		062168	ETTPSU	21.11.2014
Dimensions rearranged.		062143	ETTPSU	21.11.2014
Dimensions rearranged.		062169	ETTPSU	21.11.2014
Dimensions rearranged.		062272	ETTPSU	21.11.2014
Dimensions rearranged.		062273	ETTPSU	21.11.2014
Dimensions rearranged.		062274	ETTPSU	21.11.2014

Dimensions rearranged.		062275	ETTPSU	21.11.2014
Dimensions rearranged.		124578	ETTPSU	21.11.2014
Dimensions rearranged.		124579	ETTPSU	21.11.2014
Dimensions rearranged.		124580	ETTPSU	21.11.2014
Dimensions rearranged.		124581	ETTPSU	21.11.2014
Dimensions rearranged.		124936	ETTPSU	21.11.2014
Dimensions rearranged.		124937	ETTPSU	21.11.2014
Dimensions rearranged.		124938	ETTPSU	21.11.2014
Dimensions rearranged.		124939	ETTPSU	21.11.2014
Dimensions rearranged.		124940	ETTPSU	21.11.2014
Dimensions rearranged.		124941	ETTPSU	21.11.2014
Dimensions rearranged.		124942	ETTPSU	21.11.2014
Dimensions rearranged.		124943	ETTPSU	21.11.2014
Chapter for Hook Safety Latch added.		102134	ETTPSU	27.4.2015
Chapter for Optional Hook Safety Latch Trigger added.		102134	ETTPSU	27.4.2015
Product coding updated.		191937	ETTPSU	8.5.2015
HOLs updated.		090653	ETTPSU	21.9.2015
HOLs updated.		090654	ETTPSU	21.9.2015
HOLs updated.		090655	ETTPSU	21.9.2015
HOLs updated.		090656	ETTPSU	21.9.2015
HOLs updated.		101302	ETTPSU	21.9.2015
HOLs updated.		101303	ETTPSU	21.9.2015
HOLs updated.		101304	ETTPSU	21.9.2015
HOLs updated.		101305	ETTPSU	21.9.2015
HOLs updated.		102577	ETTPSU	21.9.2015
HOLs updated.		102578	ETTPSU	21.9.2015
HOLs updated.		102579	ETTPSU	21.9.2015
HOLs updated.		102580	ETTPSU	21.9.2015
C Increase updated (VT1/VT2 double girder/fixed hoists).		157665	ETTPSU	22.9.2015
Dimension C updated.		062138	ETTPSU	30.9.2015
Dimensions C1 and C2 updated.		062139	ETTPSU	30.9.2015
Dimension C updated.		005020	ETTPSU	30.9.2015
Dimensions C1 and C2 updated.		005021	ETTPSU	30.9.2015
New chapter added for rope angle features Cubicle selection information for fixed hoists updated Hook forging standard information updated			ETTMRI/TUISKSA	8.4.2016
Chapter Rope Angle Features updated. Chapter Hook: Hoist frame brand names updated, and frame size VTs removed.			ETTMRI/TUISKSA	25.5.2016

LOW HEADROOM TROLLEY

2 LOW HEADROOM HOIST VT1, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
12	A	326	132	90	495	510	524	368	175
19	C	456	132	144	495	510	524	498	195

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
80	410	80	40	42	28	100	532	110	153	32	248
TW											
29											

D002075_A

061739

C-dimensions

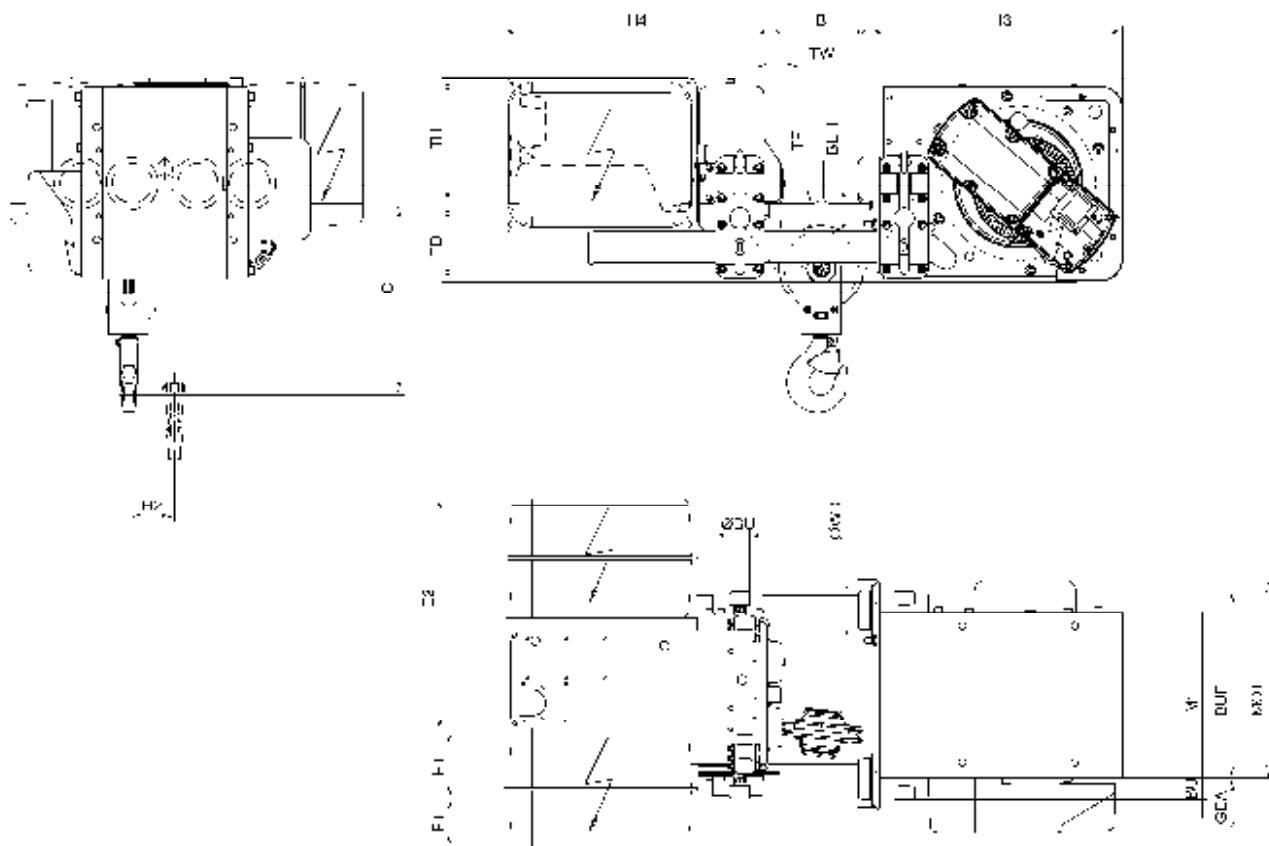
B	C
80 - 270	400
271 - 320	430
321 - 370	460
371 - 410	485

Note: All dimensions in mm.

Note: Weight calculated with P1 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT1, REEVING: 02



0002075-A

3 LOW HEADROOM HOIST VT1, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
6	A	326	203	45	495	510	524	368	180
9.5	C	456	203	72	495	510	524	498	200

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
80	410	80	40	42	28	100	461	110	153	32	248
TW											
29											

D002080_A

062124

C-dimensions

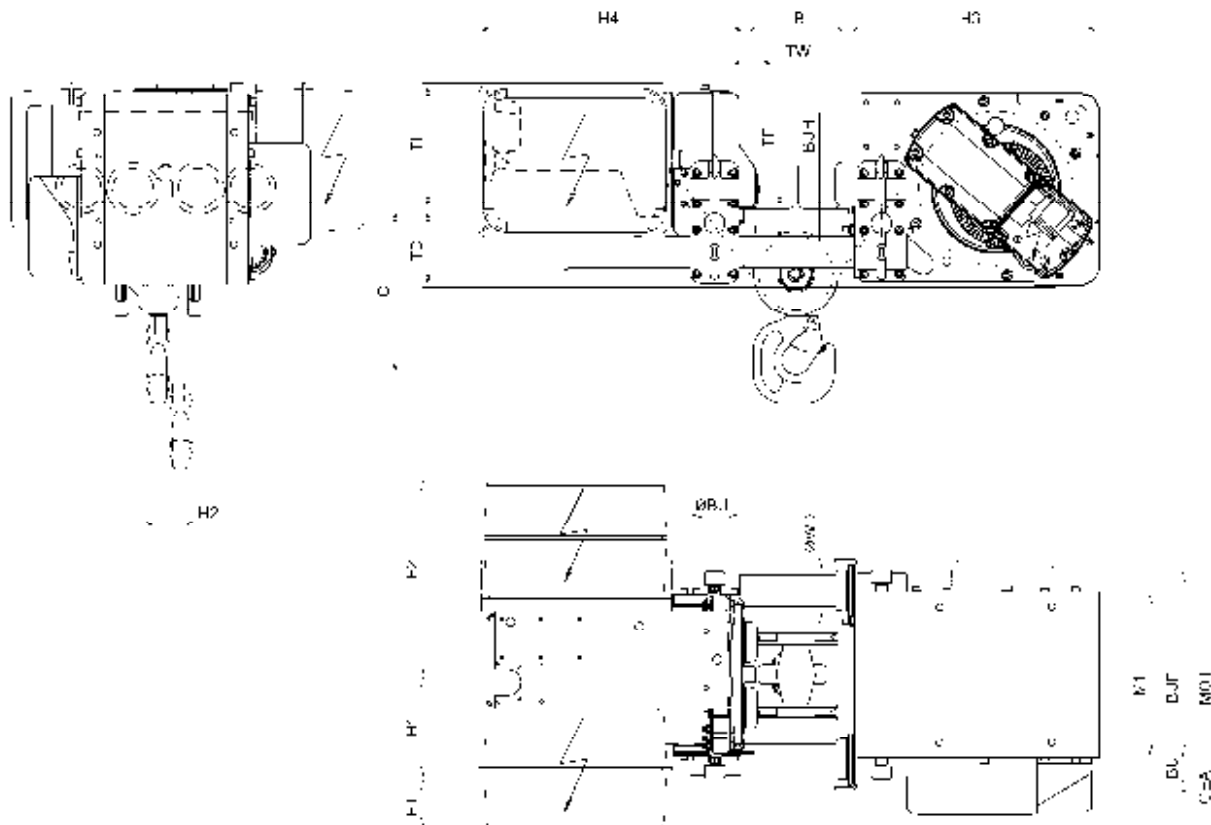
B	C
80 - 270	350
271 - 320	380
321 - 370	410
371 - 410	435

Note: All dimensions in mm.

Note: Weight calculated with P1 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT1, REEVING: 04



D002060-A

4 LOW HEADROOM HOIST VT2, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
12	B	356	258	95	568	584	536	524	325
18	C	456	258	144	568	584	536	624	345
24	D	556	258	193	568	584	536	724	365

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
100	490	100	63	168	42	8	628	116	203	45	241
TW											
38											

D002087_A
001576

C-dimensions

B	C
100 - 250	440
251 - 300	470
301 - 350	505
351 - 400	535
401 - 450	570
451 - 490	595

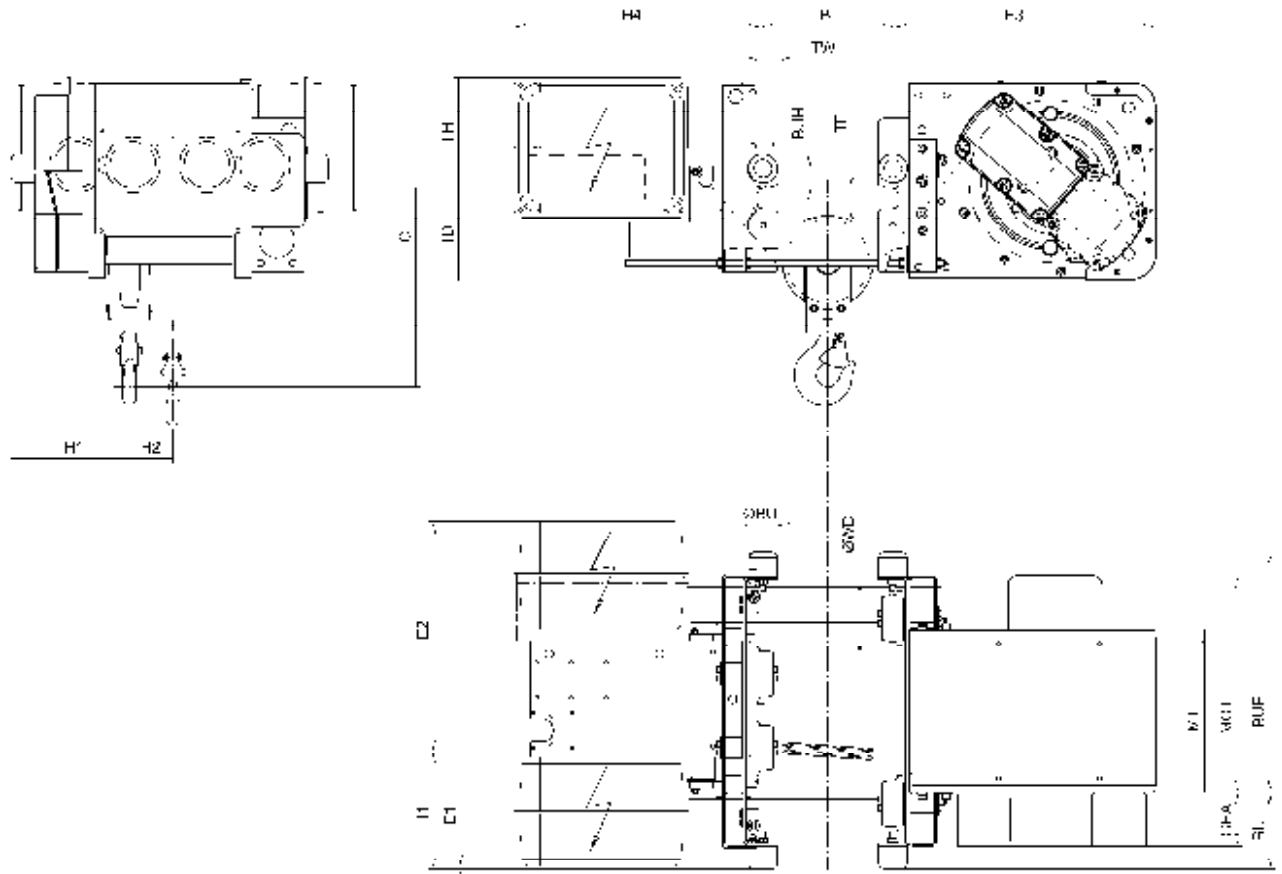
Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 3200 kg.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT2, REEVING: 02



2002087-A

5 LOW HEADROOM HOIST VT2, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
6	B	356	338	49	568	584	536	524	330
9	C	456	338	74	568	584	536	624	350
12	D	556	338	99	568	584	536	724	370

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
100	490	100	63	168	42	8	548	116	203	45	241
TW											
38											

D002092_A

062166

C-dimensions

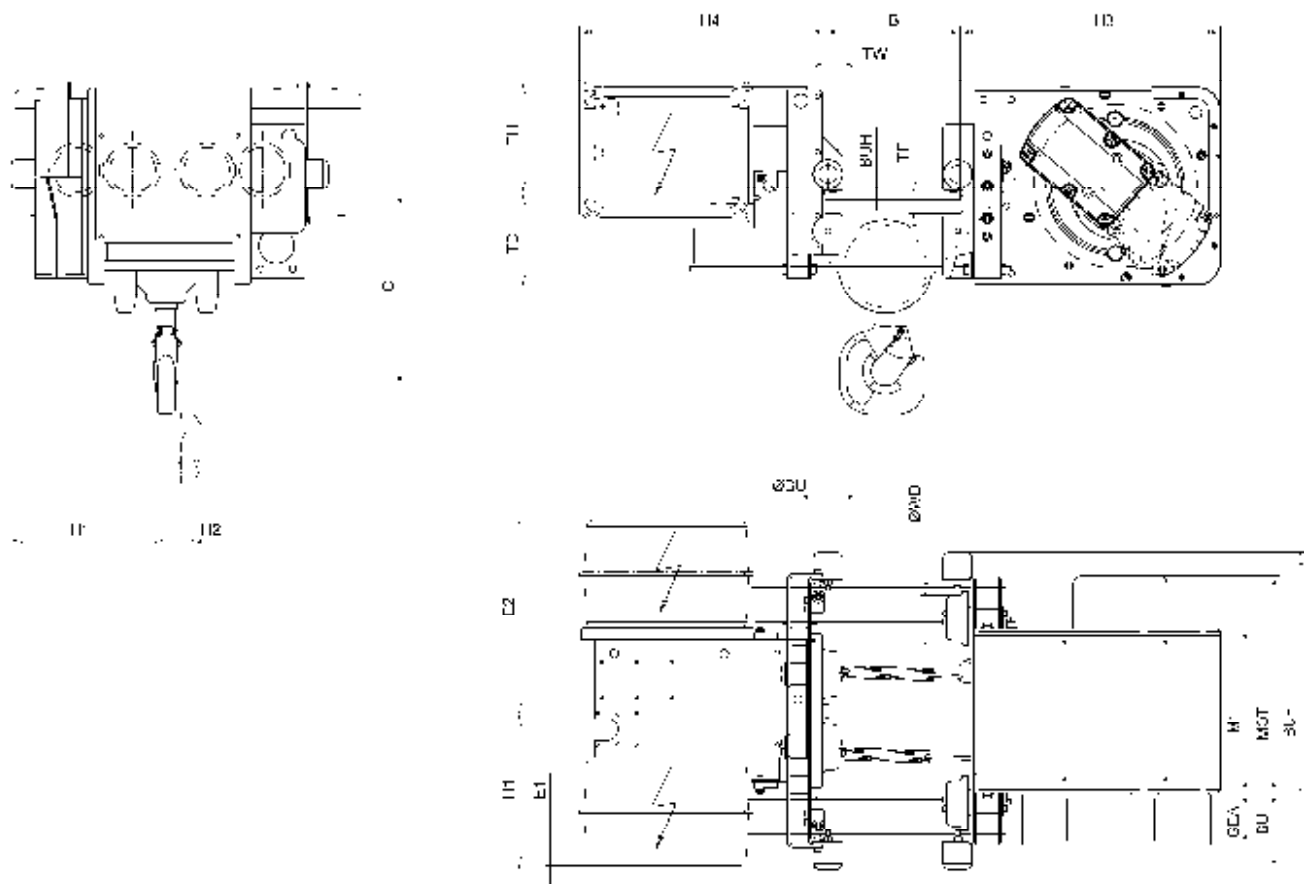
B	C
100 - 199	490
200 - 249	460
250 - 300	425
301 - 350	455
351 - 400	490
401 - 450	520
451 - 490	550

Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT2, REEVING: 04



D0102192-A

6 LOW HEADROOM HOIST VT2, REEVING: 04, EXTENDED LOAD

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
6	B	356	366	49	574	590	538	524	330
9	C	456	366	74	574	590	538	624	350
12	D	556	366	99	574	590	538	724	370

Motor dimensions

Motor	P3	A3	S3
MOT (mm)	473	443	523
Weight (kg)	35	32	28

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
100	490	125	63	195	41	56	568	116	190	42	253
TW											
42											

D002093_A
062511

C-dimensions

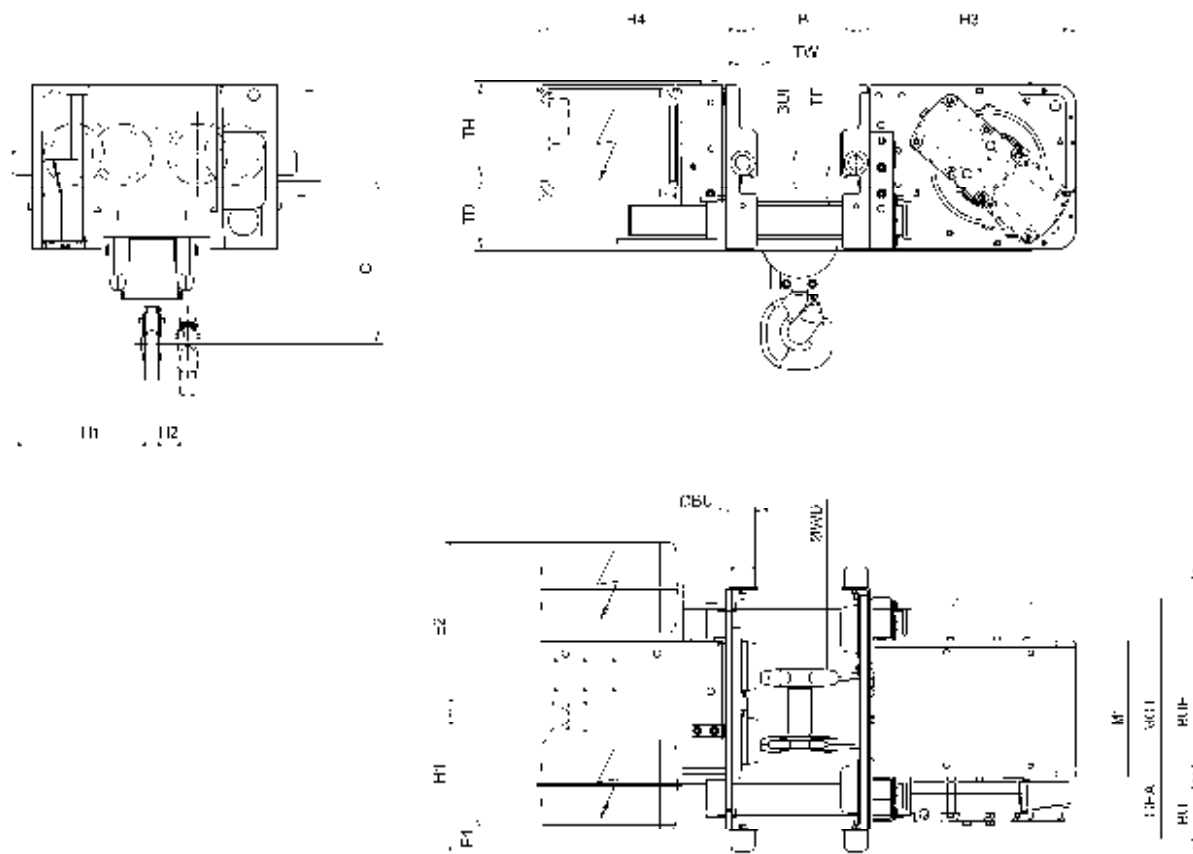
B	C
100 - 199	505
200 - 249	470
250 - 300	440
301 - 350	475
351 - 400	505
401 - 450	540
451 - 490	570

Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT2, REEVING: 04, Extended Load



0002095-A

7 LOW HEADROOM HOIST VT2, REEVING: A2

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
22.5	C	456	258	144	568	584	536	624	320
30	D	556	258	193	568	584	536	724	340

Motor dimensions

Motor	P2	P4	A3	S3	S5
MOT (mm)	446	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

B min.	B max	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
100	490	100	63	168	42	8	628	116	203	45	241
TW											
38											

D002106_A
062531

C-dimensions

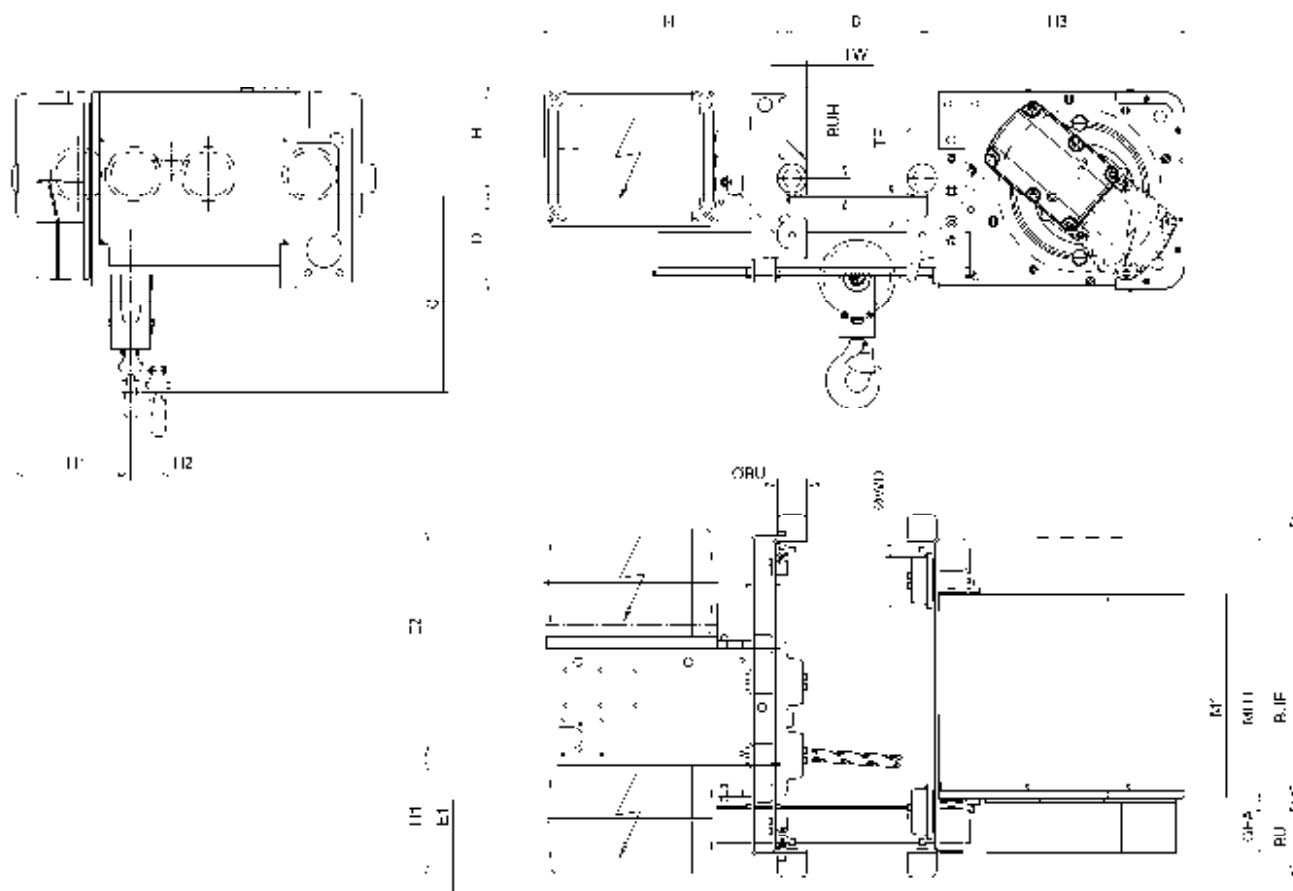
B	C
100 - 300	450
301 - 350	475
351 - 400	505
401 - 450	540
451 - 490	570

Note: All dimensions in mm.

Note: Weight calculated with P2 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT2, REEVING: A2



DCC2106-A

8 LOW HEADROOM HOIST VT2, REEVING: A4

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
11	C	456	318	73	568	584	536	624	335
15	D	556	318	99	568	584	536	724	355

Motor dimensions

Motor	P2	P4	A3	S3	S5
MOT (mm)	446	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	E1	E2	GEA	TD	TF	TH
100	490	100	63	168	42	8	568	116	203	45	241
TW											
38											

D002107_A
062529

C-dimensions

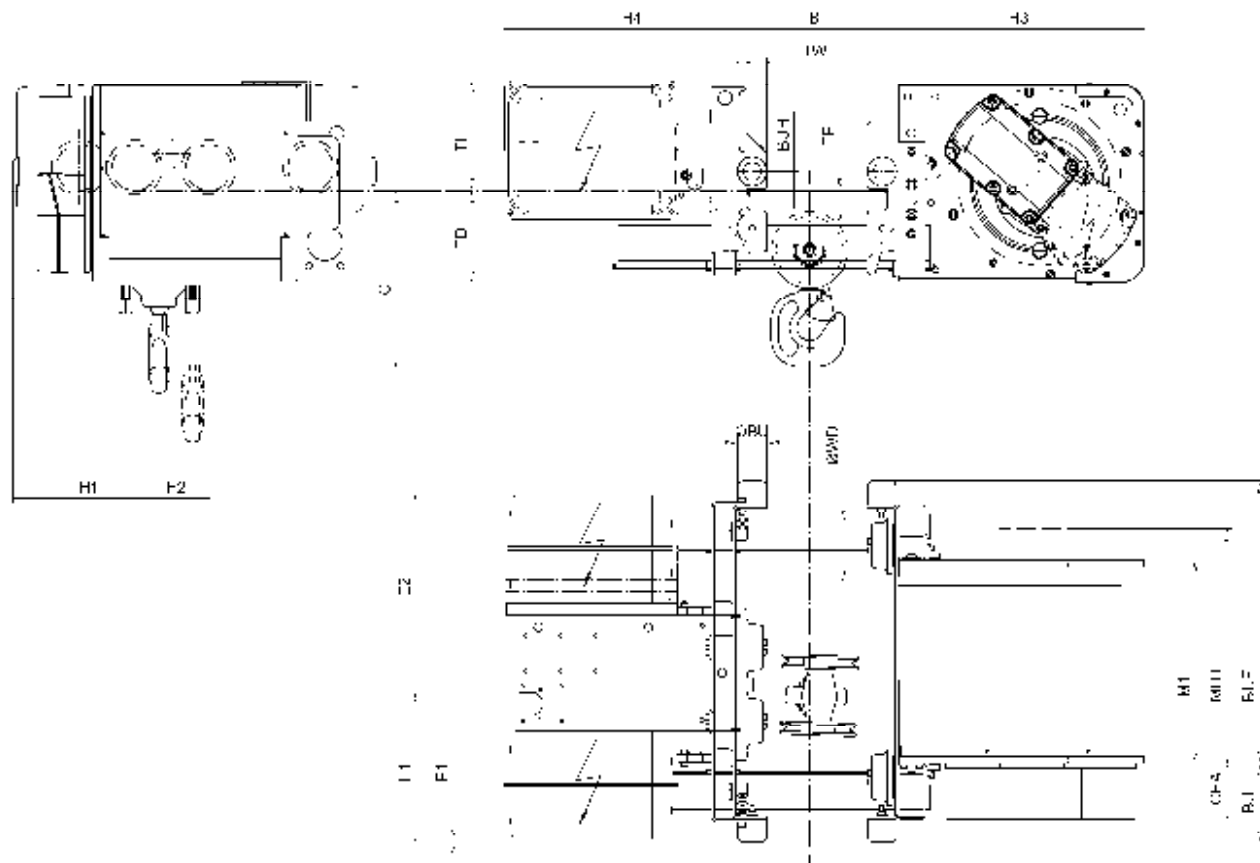
B	C
100 - 300	380
301 - 350	415
351 - 400	445
401 - 450	480
451 - 490	510

Note: All dimensions in mm.

Note: Weight calculated with P2 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT2, REEVING: A4



2002107-A

9 LOW HEADROOM HOIST VT3, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
18	D	558	411	176	667	687	618	809	595
24	E	678	411	235	667	687	618	929	640
32	F	828	411	309	667	687	618	1079	690

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	GEA	TD	TF	TH	TW	
100	610	125	63	250	35	143	256	60	266	42	

D002112_A
059568

C-dimensions

B	C
100 - 199	700
200 - 259	660
260 - 439	660
440 - 540	640
541 - 610	680

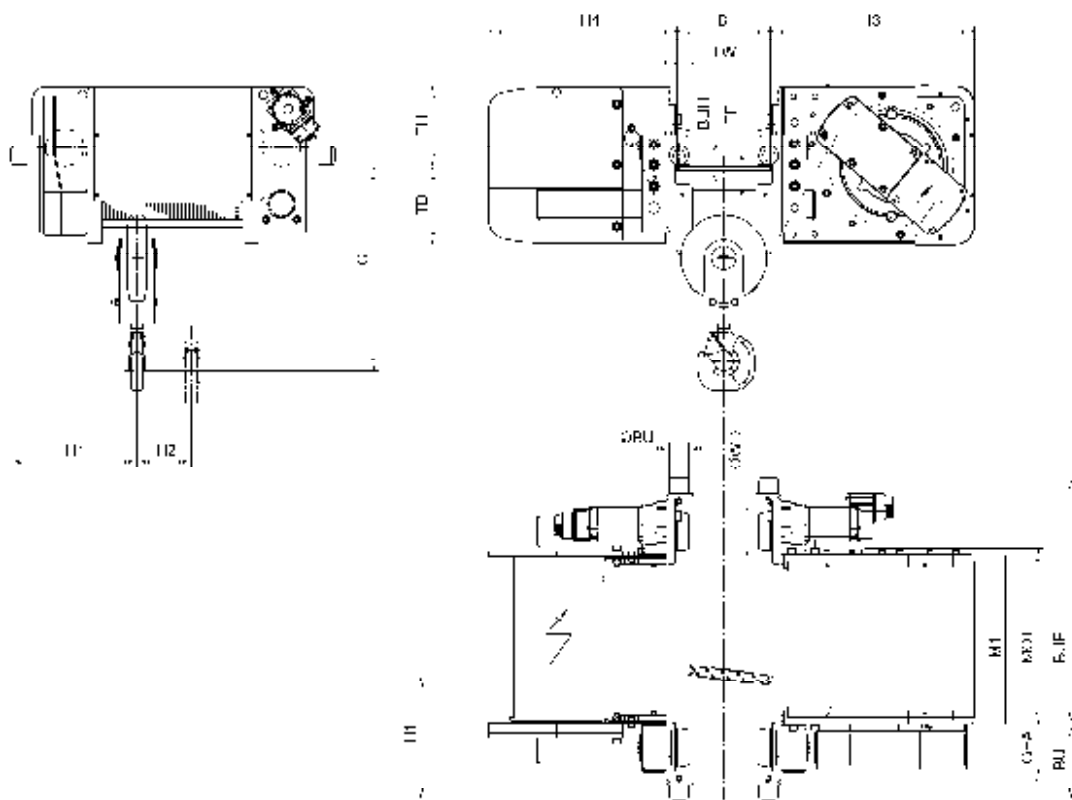
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Motor S7 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT3, REEVING: 02



D002112-A

10 LOW HEADROOM HOIST VT3, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
9	D	558	489	88	667	687	618	809	610
12	E	678	489	118	667	687	618	929	660
16	F	828	489	156	667	687	618	1079	710

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	GEA	TD	TF	TH	TW	
100	610	125	63	250	35	143	256	60	266	42	

D002117_A
004991

C-dimensions

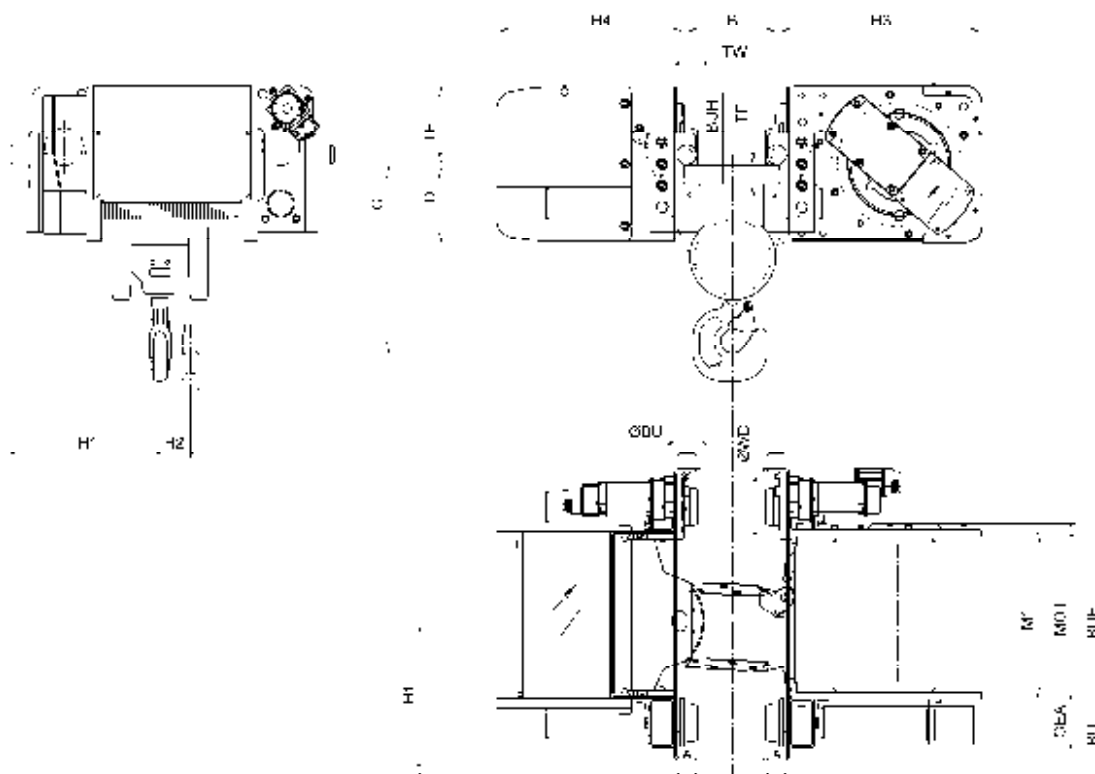
B	C
100 - 199	660
200 - 289	630
290 - 530	600
531 - 610	650

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

N.B. dimension L4 overrides dimension H3!

Low Headroom Hoist VT3, REEVING: 04



D002117-A

11 LOW HEADROOM HOIST VT3, REEVING: 04, EXTENDED LOAD

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BUF mm	Weight kg
9	D	558	488	88	667	687	618	809	610
12	E	678	488	118	667	687	618	929	660
16	F	828	488	156	667	687	618	1079	710

Motor dimensions

Motor	P5	P6	P7	A5	S5
MOT (mm)	578	578	618	498	606
Weight (kg)	58	85	105	45	53

Trolley dimensions

B min.	B max.	ØWD	ØBU	BU	BUH	GEA	TD	TF	TH	TW	
100	610	150	63	250	48	143	245	47	277	44	

D002118_A
005000

C-dimensions

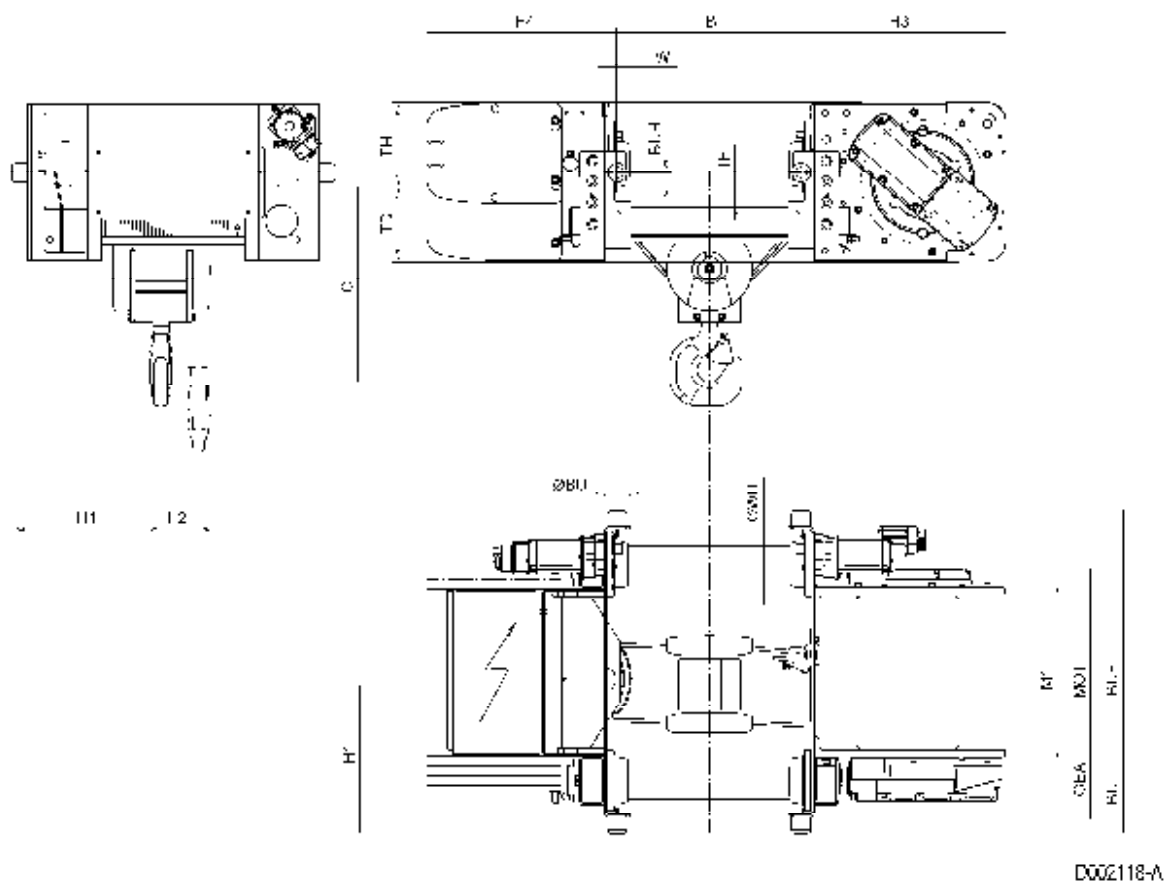
B	C
100 - 199	715
200 - 289	685
290 - 530	655
531 - 610	705

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

N.B. dimension H3 overrides dimension H3!

Low Headroom Hoist VT3, REEVING: 04, Extended Load



DOUBLE GIRDER TROLLEY, MEDIUM

12 DOUBLE GIRDER HOIST VT1, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
12	A	326	424	519	90	1200	220
19	C	456	424	519	144	1200	230

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
320	63	138	90	327	714	15	110	398	820	90	50
W max	RO	TD	TH								
70	83	113	268								

D002076_A
062126

Note: All dimensions in mm.

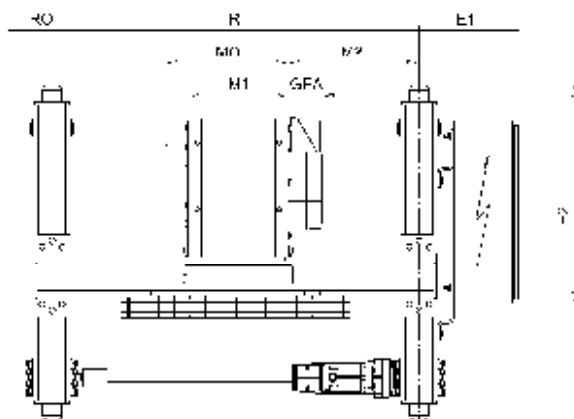
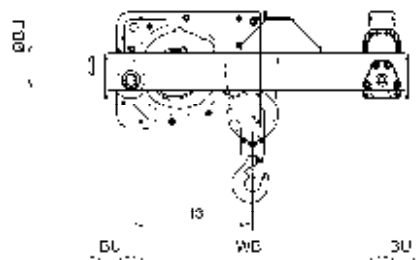
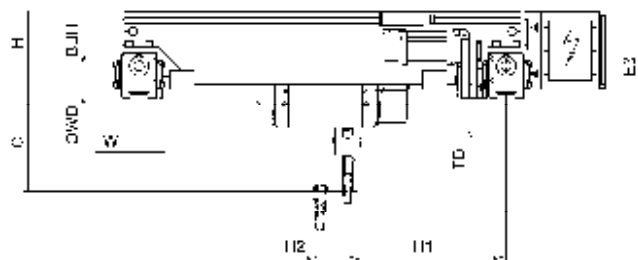
Note: H1, M2 and weight calculated with P1 motor and Min R.

Note: Min R with second brake.

Note: Standard rail gauges: 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

Double Girder Hoist VT1, REEVING: 02



D002076-A

13 DOUBLE GIRDER HOIST VT1, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
6	A	326	424	574	45	1200	225
9.5	C	456	424	574	72	1200	235

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
270	63	138	90	327	714	15	110	411	820	90	50
W max	RO	TD	TH								
70	83	113	268								

D002081_A
062127

Note: All dimensions in mm.

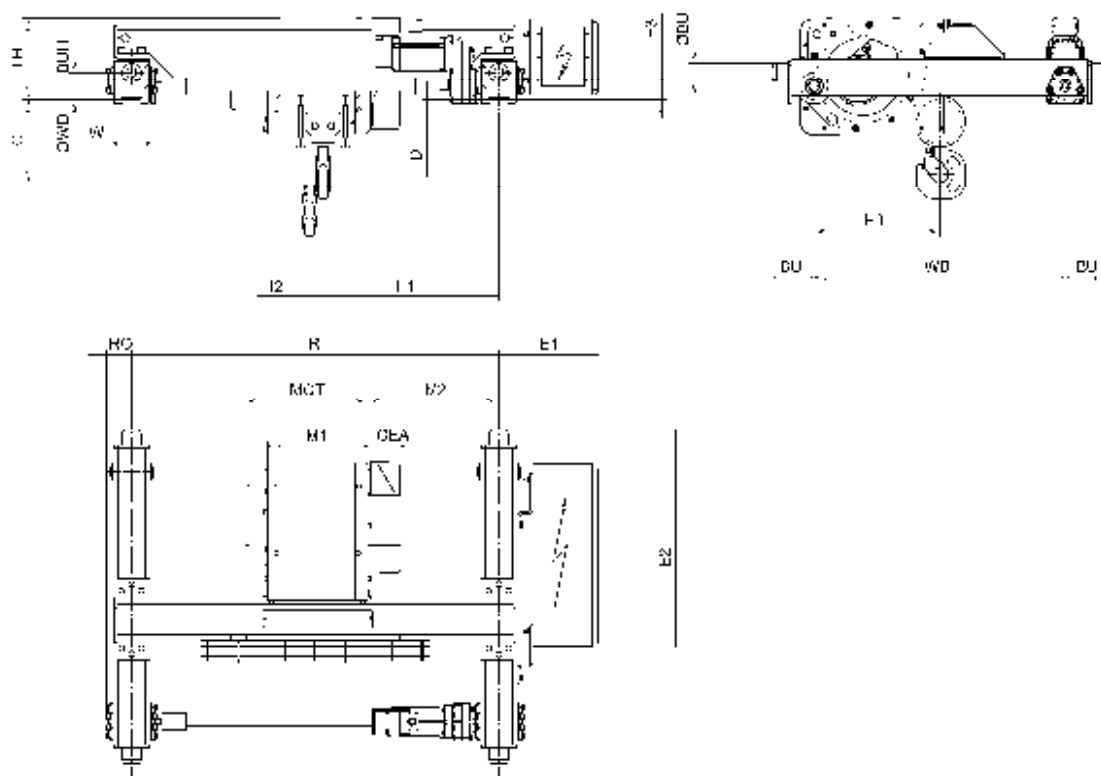
Note: H1, M2 and weight calculated with P1 motor and Min R.

Note: Min R with second brake

Note: Standard rail gauges: 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

Double Girder Hoist VT1, REEVING: 04



0002081-A

14 DOUBLE GIRDER HOIST VT2, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
12	B	356	368	459	95	1200	310
18	C	456	368	459	144	1200	320
24	D	556	468	559	193	1400	335
30	E	676	468	559	252	1400	350

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
425	63	138	90	327	758	12	116	482	1010	90	50
W max	RO	TD	TH								
70	83	126	304								

D002088_A

062138

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P3 motor and Min R.

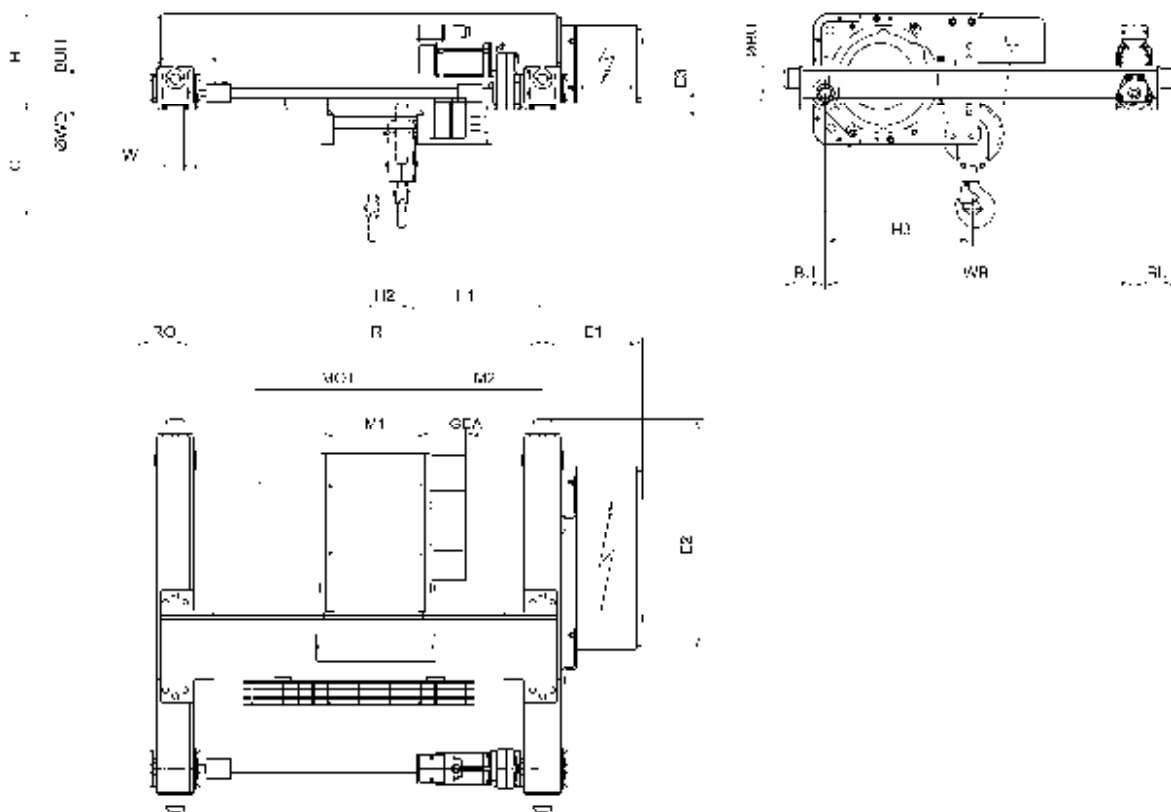
Note: Motor S5 is unavailable for load class 3200 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

Double Girder Hoist VT2, REEVING: 02



0002088-A

15 DOUBLE GIRDER HOIST VT2, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
6	B	356	368	537	49	1200	315
9	C	456	368	537	74	1200	325
12	D	556	468	637	99	1400	340
15	E	676	468	637	129	1400	360

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

C1	C2	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD
400	416	63	138	90	327	758	12	116	482	1010	90
W min	W max	RO	TD	TH							
50	70	83	126	304							

D002095_A

062139

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P3 motor and Min R.

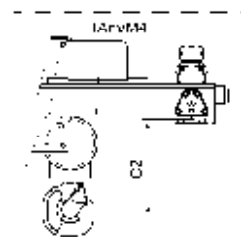
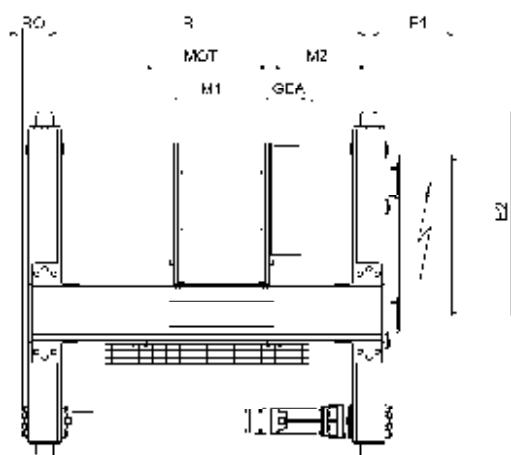
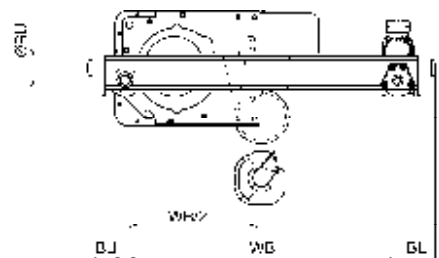
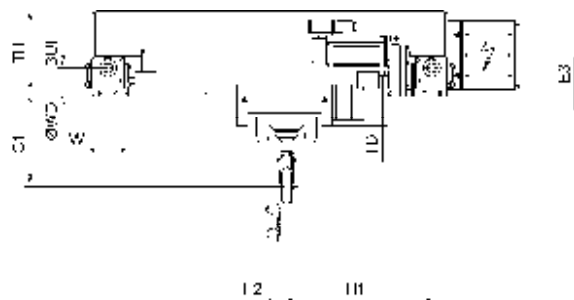
Note: Motor S5 is unavailable for load class 6300 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

Double Girder Hoist VT2, REEVING: 04



DXX2068-A

16 DOUBLE GIRDER HOIST VT3, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
18	D	558	403	558	176	1400	650
24	E	678	403	558	235	1400	675
32	F	828	516	671	309	1700	720
40	G	1018	666	821	403	2000	760

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
520	63	148	100	382	1028	15	143	552	1080	110	52
W max	RO	TD	TH								
87	98	90	426								

D002113_A

005020

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P5 motor and Min R.

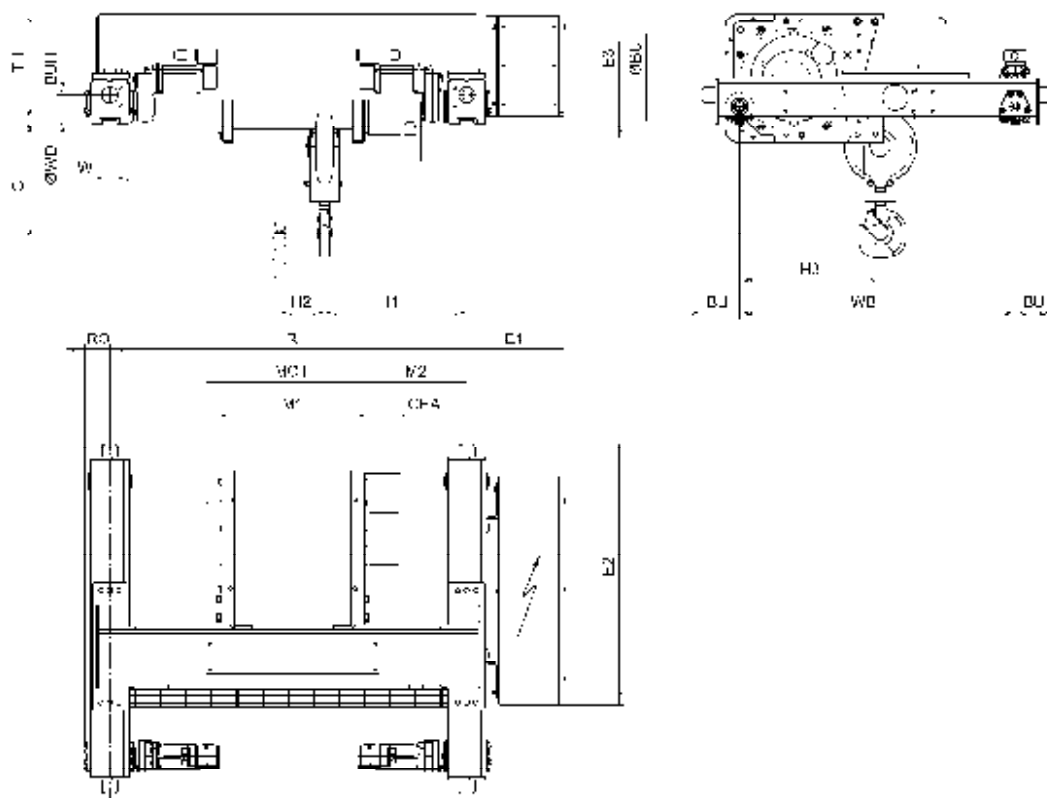
Note: Motor S7 is unavailable for load class 6300 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700 and 2000.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 02



D002113-A

17 DOUBLE GIRDER HOIST VT3, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
9	D	558	403	640	88	1400	670
12	E	678	403	640	118	1400	700
16	F	828	516	753	156	1700	745
20	G	1018	666	903	201	2000	785

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C1	C2	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD
465	521	63	148	100	382	1028	15	143	585	1080	110
W min	W max	RO	TD	TH							
52	87	98	90	426							

D002119_A

005021

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

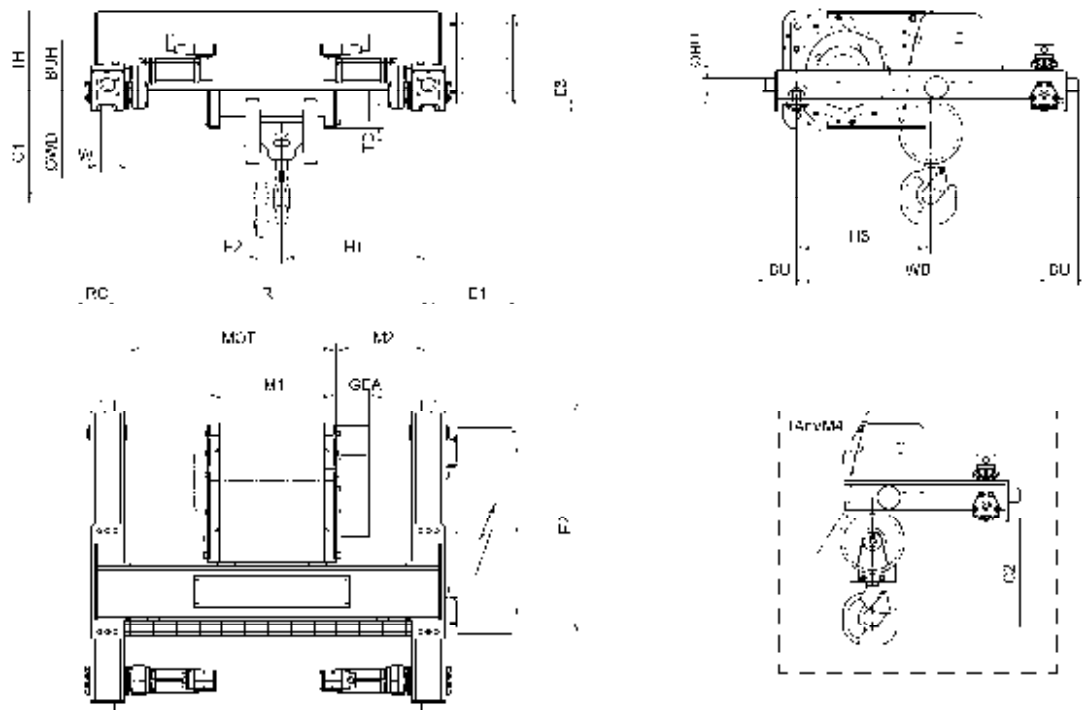
Note: Motor S7 is unavailable for load class 12500 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700 and 2000.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 04



D002119-A

18 DOUBLE GIRDER HOIST VT3, REEVING: 06

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
6	D	558	538	505	53	1400	760
8	E	678	758	725	78	1700	805
10	F	828	913	880	98	2000	850
13	G	1018	1123	1090	132	2400	915

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
790	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	94	430									

D007194_A

124515

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

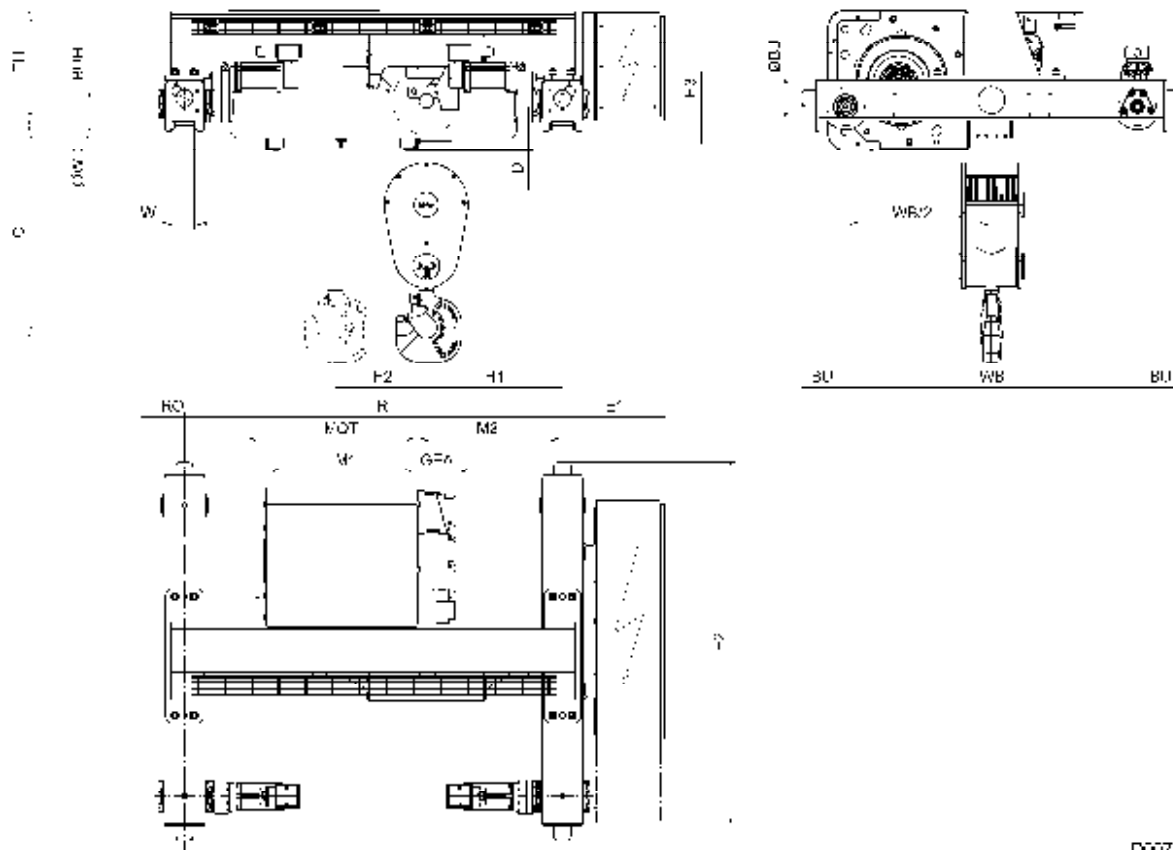
Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700, 2000 and 2400.

Note: H1, M2 and weight calculated with Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 06



D007194-A

19 DOUBLE GIRDER HOIST VT3, REEVING: 08

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
4.5	D	558	538	505	44	1400	770
6	E	678	758	725	53	1700	815
8	F	828	913	880	76	2000	865
10	G	1018	1123	1090	98	2400	925

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
790	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	94	430									

D007195_A

124516

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

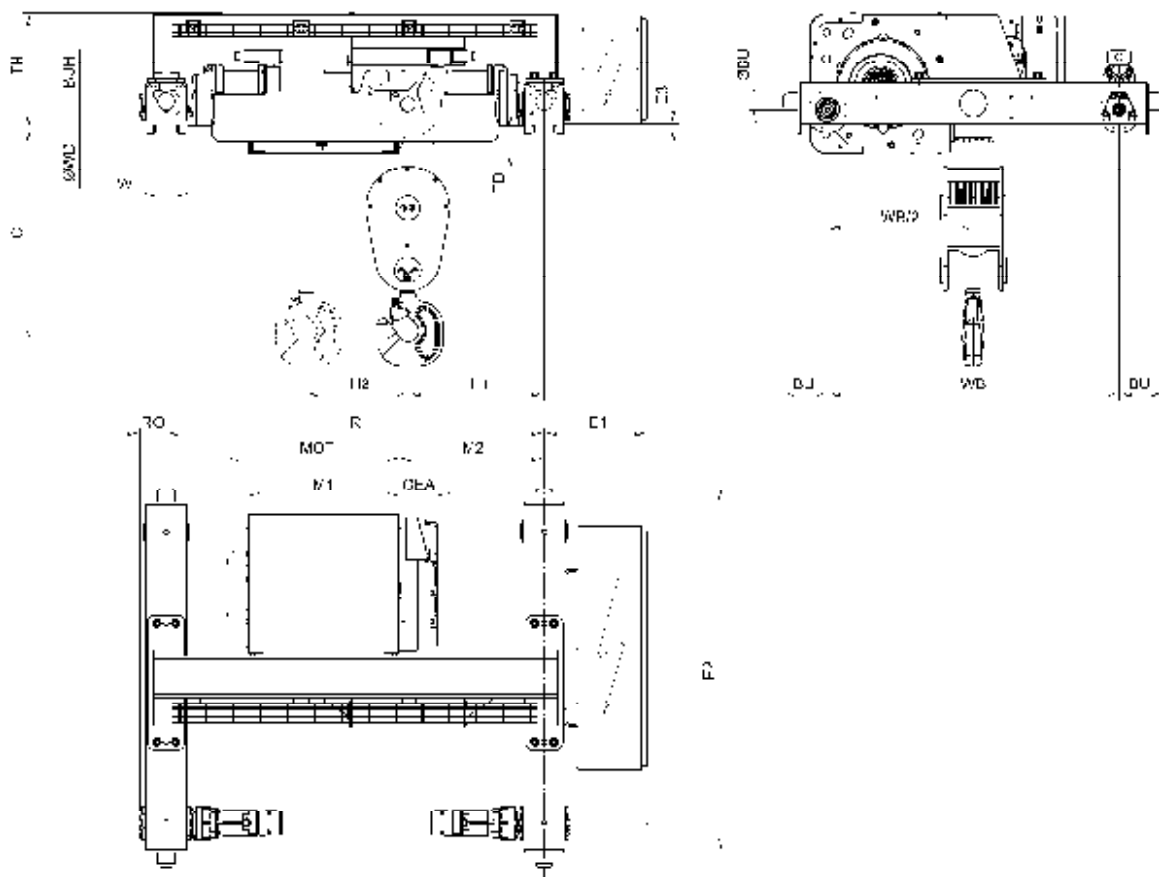
Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700, 2000 and 2400.

Note: H1, M2 and weight calculated with Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 08



D007195-A

20 DOUBLE GIRDER HOIST VT3, REEVING: 22

Hoist dimensions

HOL m	Length code	H1 mm	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
8.5	D	733	558	454	-	1400	660
13	E	733	678	394	-	1400	680
18	F	883	828	469	-	1700	730
25	G	883	1018	374	-	1700	760
33.5	H	1033	1268	399	128	2000	840
46	J	1233	1618	424	128	2400	925

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
620	63	148	100	382	1328	15	143	585	1080	110	52
W max	RO	TD	TH								
87	98	97	427								

D007171_A
124132

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Min R with service platform and second brake.

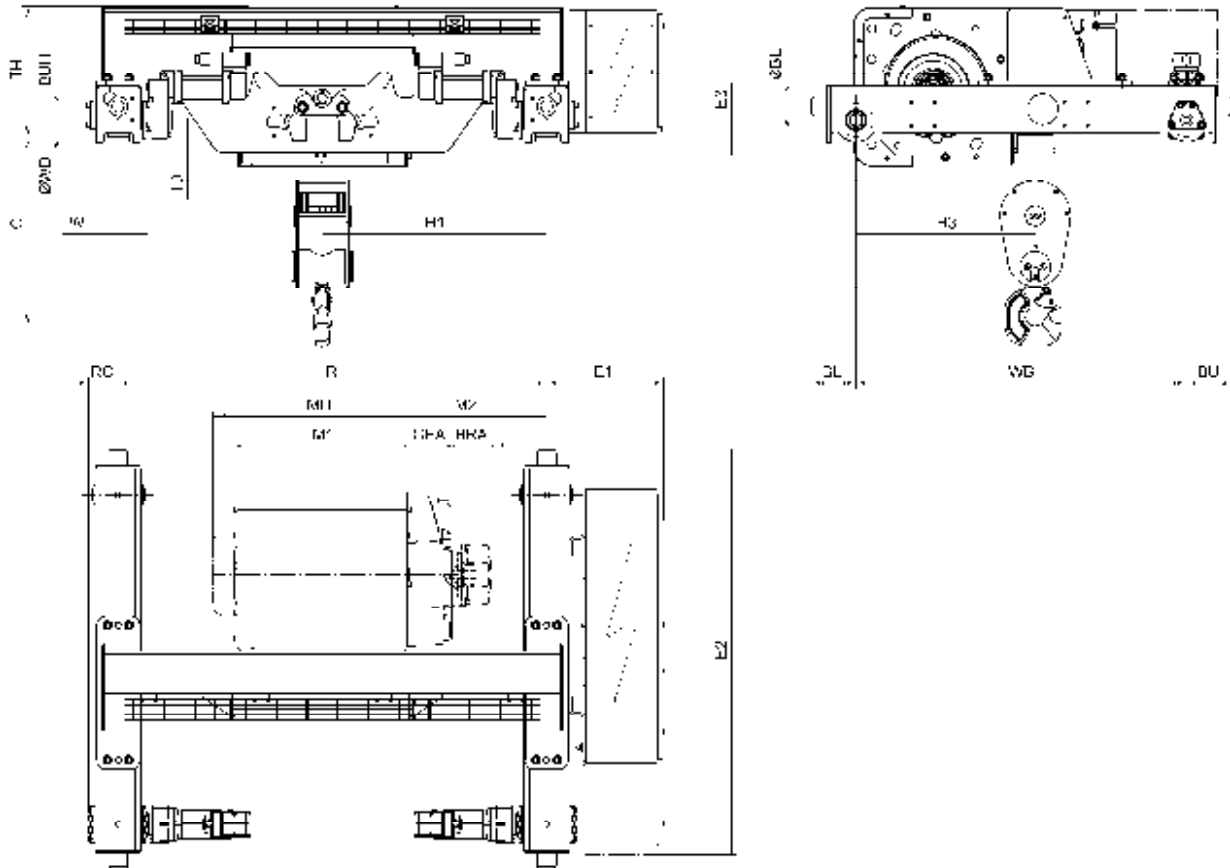
Note: Standard rail gauges: 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: H1, M2 and weight calculated with Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 22



CGO7171-A

21 DOUBLE GIRDER HOIST VT3, REEVING: 24

Hoist dimensions

HOL m	Length code	H1 mm	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
4	D	733	558	454	-	1400	725
6.5	E	733	678	394	-	1400	745
9	F	883	828	469	-	1700	795
12.5	G	883	1018	374	-	1700	825
16.5	H	1033	1268	399	128	2000	900
23	J	1233	1618	424	128	2400	990

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
785	63	148	100	382	1328	15	143	585	1080	110	52
W max	RO	TD	TH								
87	98	97	427								

D007172_A
124133

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Min R with service platform and second brake.

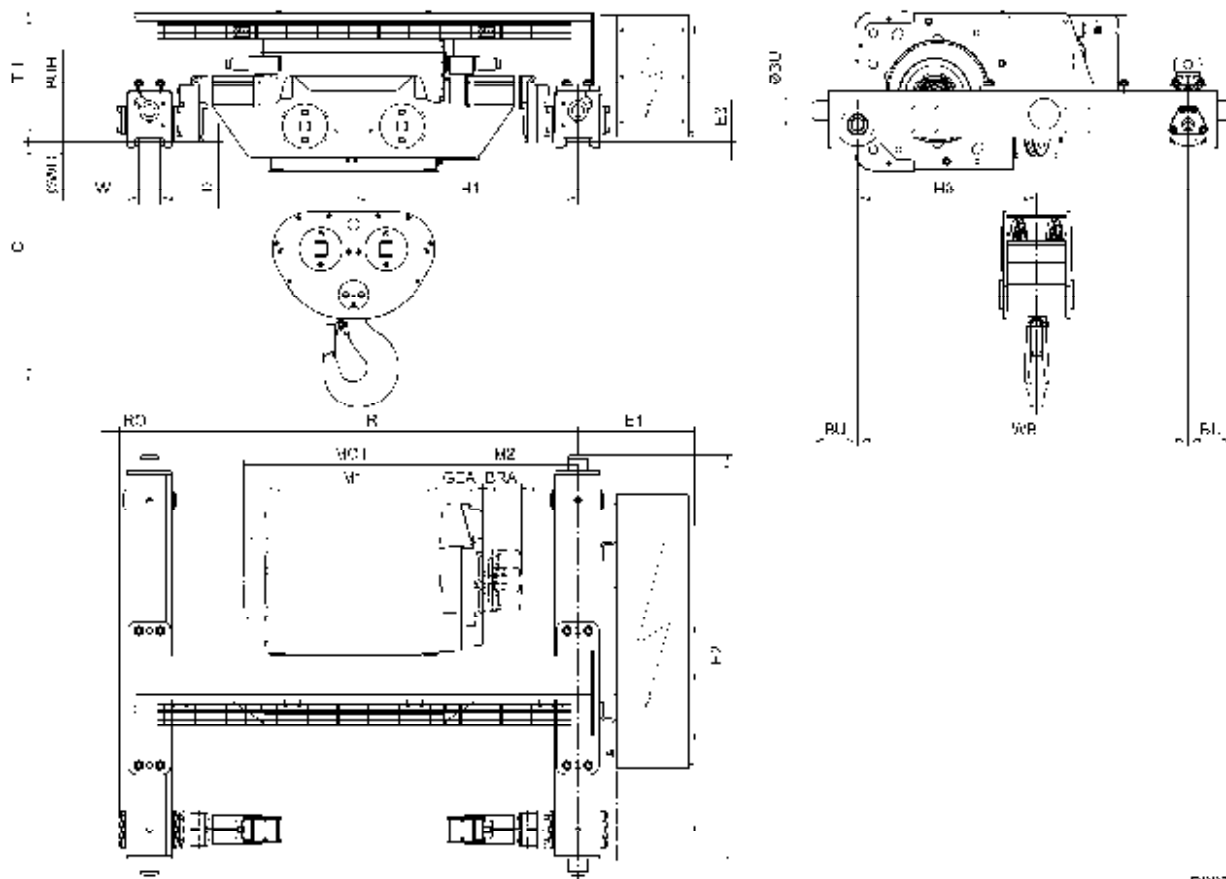
Note: Standard rail gauges: 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: H1, M2 and weight calculated with Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 24



D007172-A

22 DOUBLE GIRDER HOIST VT3, REEVING: 26

Hoist dimensions

HOL m	Length code	H1 mm	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
4	E	733	678	394	-	1400	780
6	F	883	828	469	-	1700	825
8	G	883	1018	374	-	1700	855
11	H	1033	1268	399	128	2000	935
15	J	1233	1618	424	128	2400	1020

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
785	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	94	430									

D007173_A
124134

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Min R with service platform and second brake.

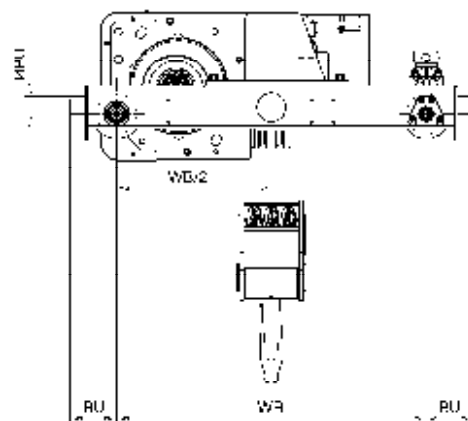
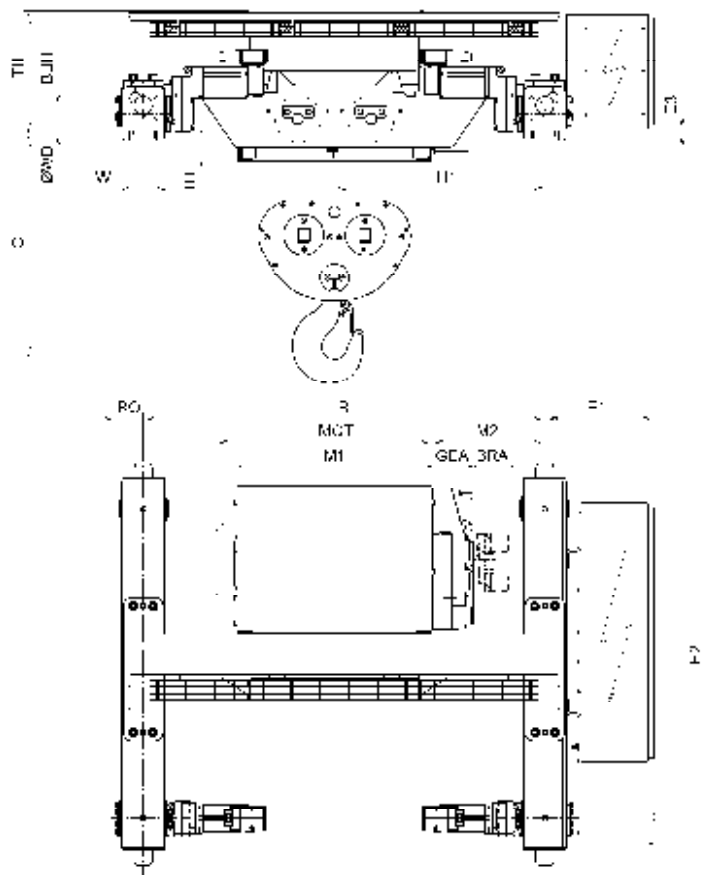
Note: Standard rail gauges: 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: H1, M2 and weight calculated with Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 26



D007173-A

23 DOUBLE GIRDER HOIST VT3, REEVING: 28

Hoist dimensions

HOL m	Length code	H1 mm	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
4.5	F	883	828	469	-	1700	840
6	G	883	1018	374	-	1700	870
8	H	1033	1268	399	128	2000	945
11.5	J	1233	1618	424	128	2400	1030

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
785	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	94	430									

D007174_A

124135

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Min R with service platform and second brake.

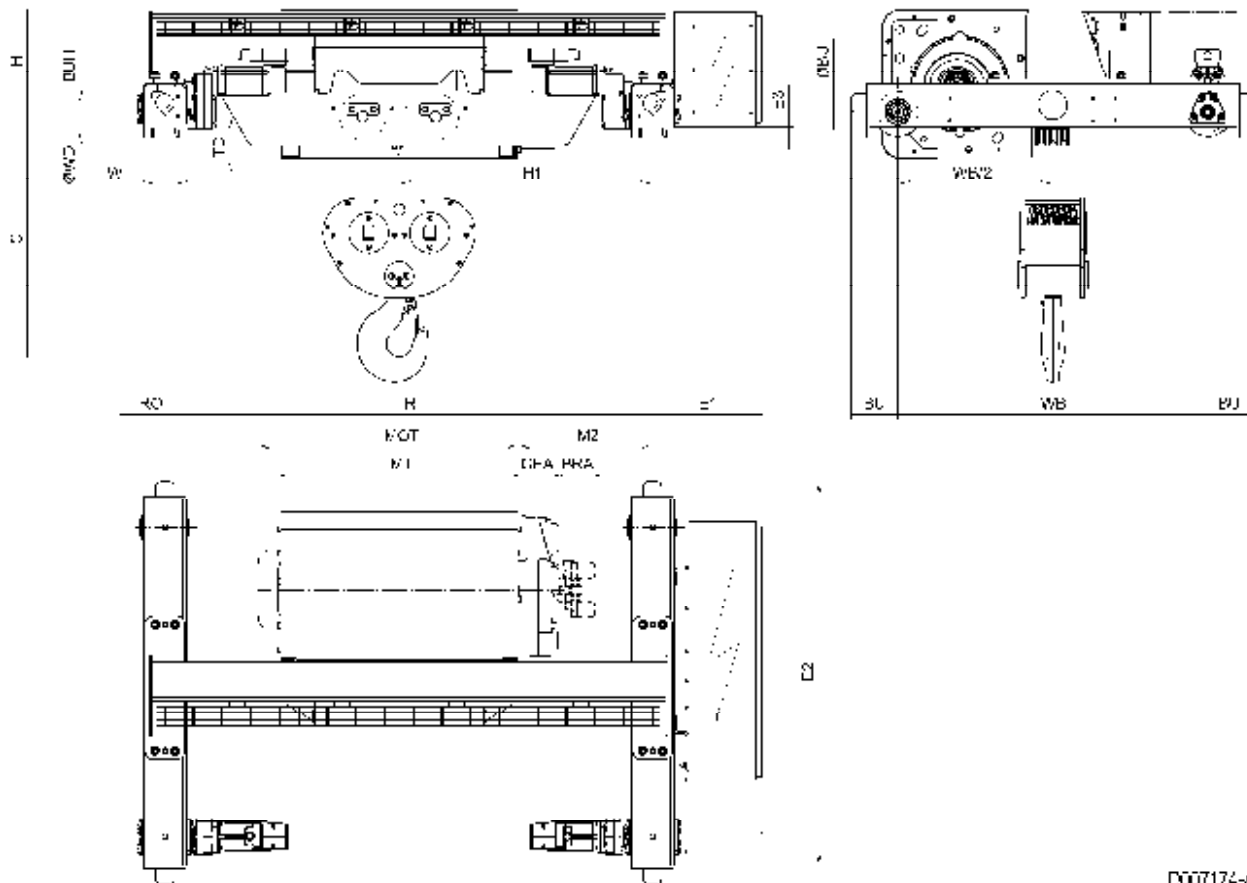
Note: Standard rail gauges: 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: H1, M2 and weight calculated with Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT3, REEVING: 28



D007174-A

24 DOUBLE GIRDER HOIST VT4, REEVING: 02

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Max R mm	Weight** kg
15.5	10	C	462	714	654	139	1400	1400	1250
21	15.5	D	562	799	739	188	1700	2700	1320
28	22.5	E	682	799	739	251	1700	3100	1370
36	30.5	F	832	949	889	322	2000	3100	1460
47	41.5	G	1022	1149	1089	421	2400	3800	1570
61	55.5	H	1272	1469	1409	546	3100	4200	1750
80.5	75	J	1622	1559	1499	721	3400	4200	1950
97	91.5	K	1922	1944	1884	868	4200	4200	2200

*HOL with drum brake.

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
892	140	63	163	100	488	1842	18	218	757	743	44
RO	TD	TH	WB	W min	W max						
101	90	631	1500	54	84						

D006647_A

090649

Note: All dimensions in mm.

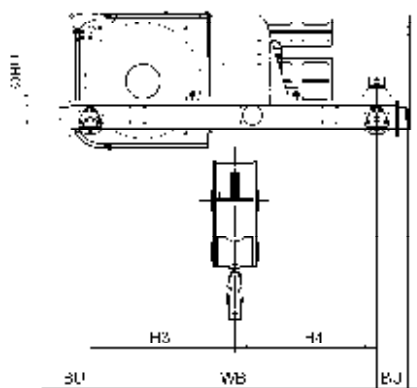
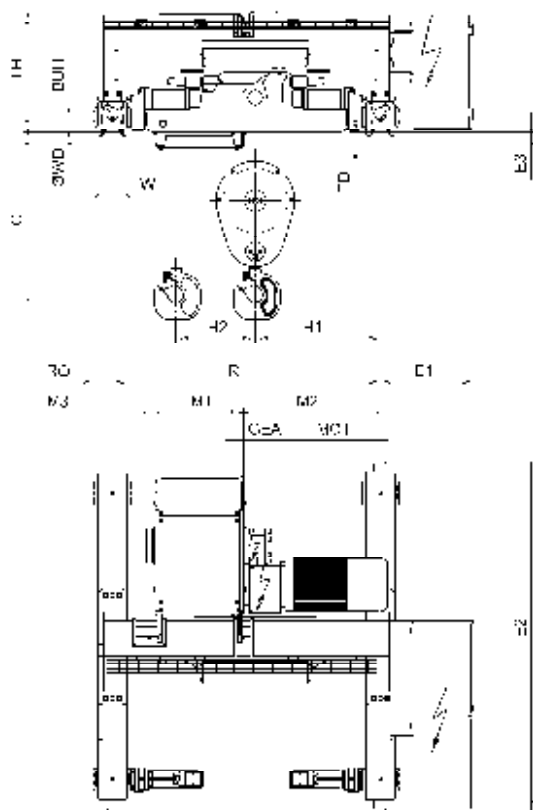
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1400, 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: H1, M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 02



D006647-A

25 DOUBLE GIRDER HOIST VT4, REEVING: 04

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Max R mm	Weight** kg
7.5	4.5	C	462	714	654	69	1400	1400	1290
10.5	7.5	D	562	799	739	94	1700	2700	1360
14	11	E	682	799	739	125	1700	3100	1410
18	15	F	832	949	889	161	2000	3100	1500
23.5	20.5	G	1022	1149	1089	210	2400	3800	1620
30.5	27.5	H	1272	1469	1409	273	3100	4200	1790
40	37	J	1622	1559	1499	360	3400	4200	2000
48.5	45.5	K	1922	1944	1884	434	4200	4200	2240

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
892	140	63	163	100	488	1842	18	218	757	743	44
RO	TD	TH	WB	W min	W max						
101	90	631	1500	54	84						

D006648_A

090650

Note: All dimensions in mm.

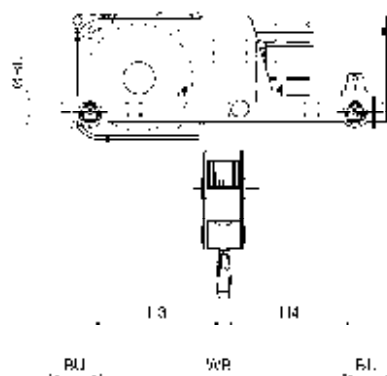
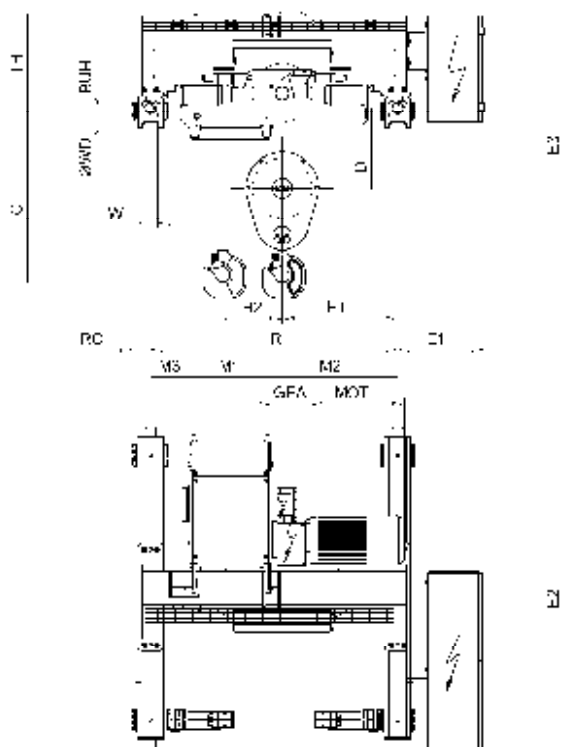
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1400, 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: H1, M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 04



D006648-A

26 DOUBLE GIRDER HOIST VT4, REEVING: 06

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Max R mm	Weight** kg
5	3	C	462	714	654	46	1400	1400	1570
7	5	D	562	799	739	63	1700	2700	1650
9	7	E	682	799	739	84	1700	3100	1700
12	10	F	832	949	889	107	2000	3100	1800
15.5	13.5	G	1022	1149	1089	140	2400	3800	1940
20	18	H	1272	1469	1409	182	3100	4200	2210
26.5	24.5	J	1622	1559	1499	240	3400	4200	2430
32	30	K	1922	1944	1884	289	4200	4200	2820

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
949	200	80	226	100	488	1860	80	218	712	698	44
RO	TD	TH	WB	W min	W max						
122	28	693	1410	54	99						

D006649_A

090651

Note: All dimensions in mm.

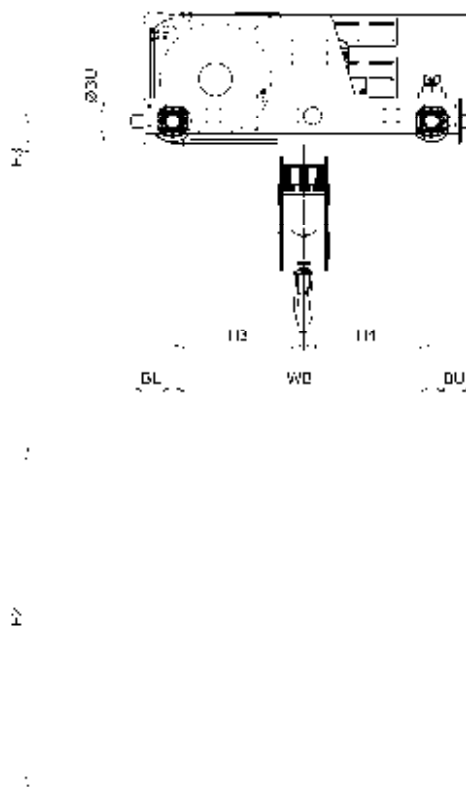
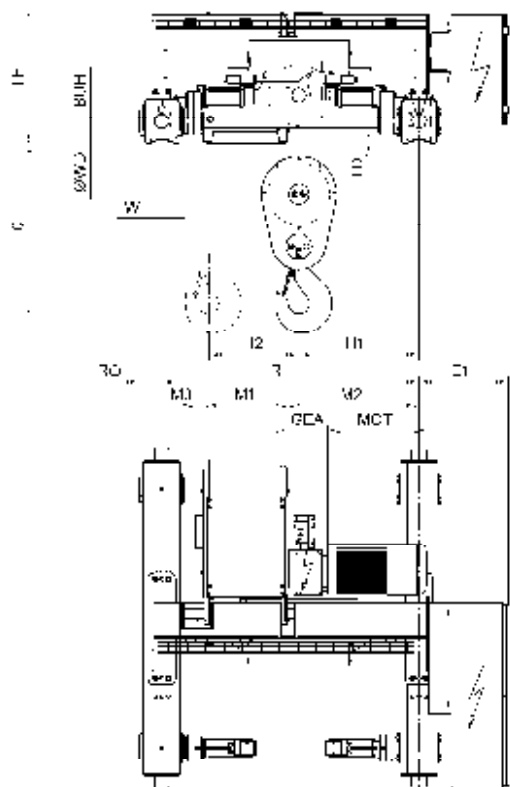
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1400, 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: H1, M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 06



D006849-A

27 DOUBLE GIRDER HOIST VT4, REEVING: 08

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Max R mm	Weight** kg
7	5.5	E	682	799	739	63	1700	3100	1780
9	7.5	F	832	949	889	81	2000	3100	1880
11.5	10	G	1022	1149	1089	105	2400	3800	2010
15	13.5	H	1272	1469	1409	137	3100	4200	2280
20	18.5	J	1622	1559	1499	180	3400	4200	2510
24	22.5	K	1922	1944	1884	217	4200	4200	2890

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1105	200	80	226	100	488	1860	80	218	712	698	44
RO	TD	TH	WB	W min	W max						
122	28	693	1410	54	99						

D006650_A
090652

Note: All dimensions in mm.

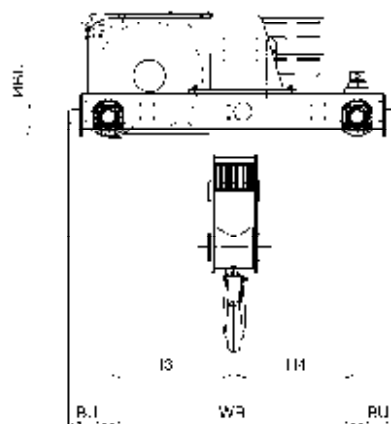
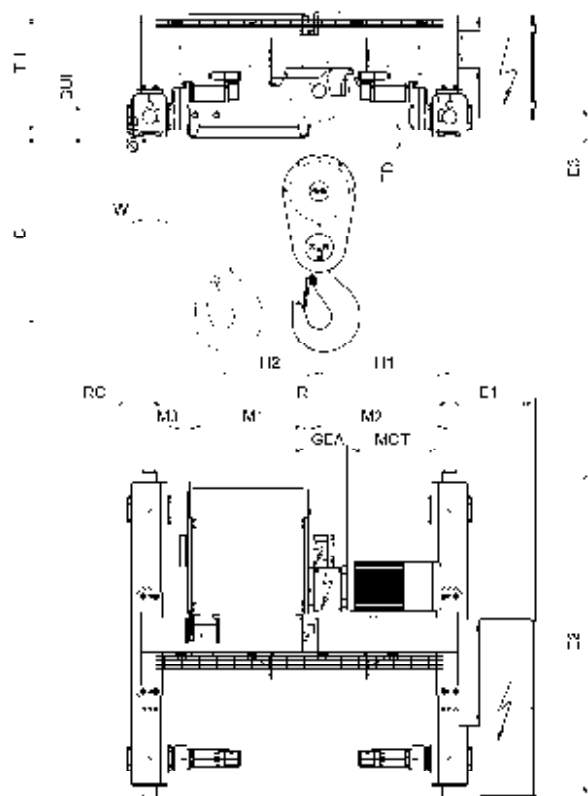
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: H1, M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 08



D006650-A

28 DOUBLE GIRDER HOIST VT4, REEVING: 22

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
15	8.5	E	682	359	1400	2000	1310
21	14.5	F	832	434	1700	2400	1380
28.5	22	G	1022	339	1700	2700	1440
38	31.5	H	1272	364	2000	3100	1560
51.5	45	J	1622	389	2400	3400	1720
63.5	57	K	1922	389	2700	3400	1890
77	70.5	L	2272	414	3100	3400	2090
87	80.5	M	2522	439	3400	3800	2240
98.5	92	N	2822	489	3800	4200	2430

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
807	140	63	163	100	488	1834	18	218	757	743	44
RO	TD	TH	WB	W min	W max						
101	90	631	1500	54	84						

D006651_A
090653

Note: All dimensions in mm.

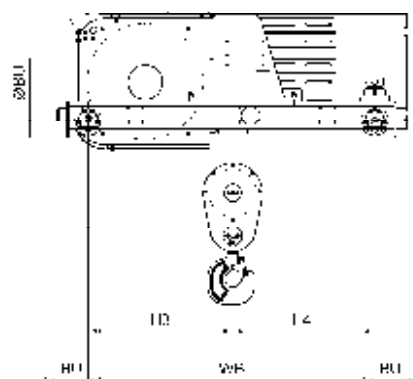
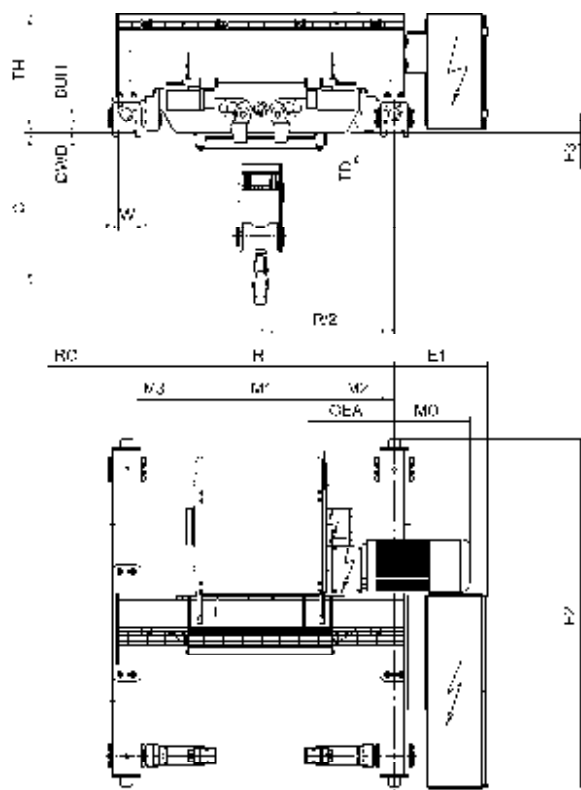
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1400, 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 22



D006651-A

29 DOUBLE GIRDER HOIST VT4, REEVING: 24

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
7.5	N/A	E	682	359	1400	2000	1380
10.5	7.5	F	832	434	1700	2400	1450
14	11	G	1022	339	1700	2700	1520
19	16	H	1272	364	2000	3100	1640
25.5	22.5	J	1622	389	2400	3400	1800
31.5	28.5	K	1922	389	2700	3800	1970
38.5	35.5	L	2272	414	3100	4200	2170
43.5	40.5	M	2522	439	3400	4200	2320
49	46	N	2822	489	3800	4200	2510

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1115	140	63	163	100	488	1834	18	218	757	743	44
RO	TD	TH	WB	W min	W max						
101	90	631	1500	54	84						

D006652_A
090654

Note: All dimensions in mm.

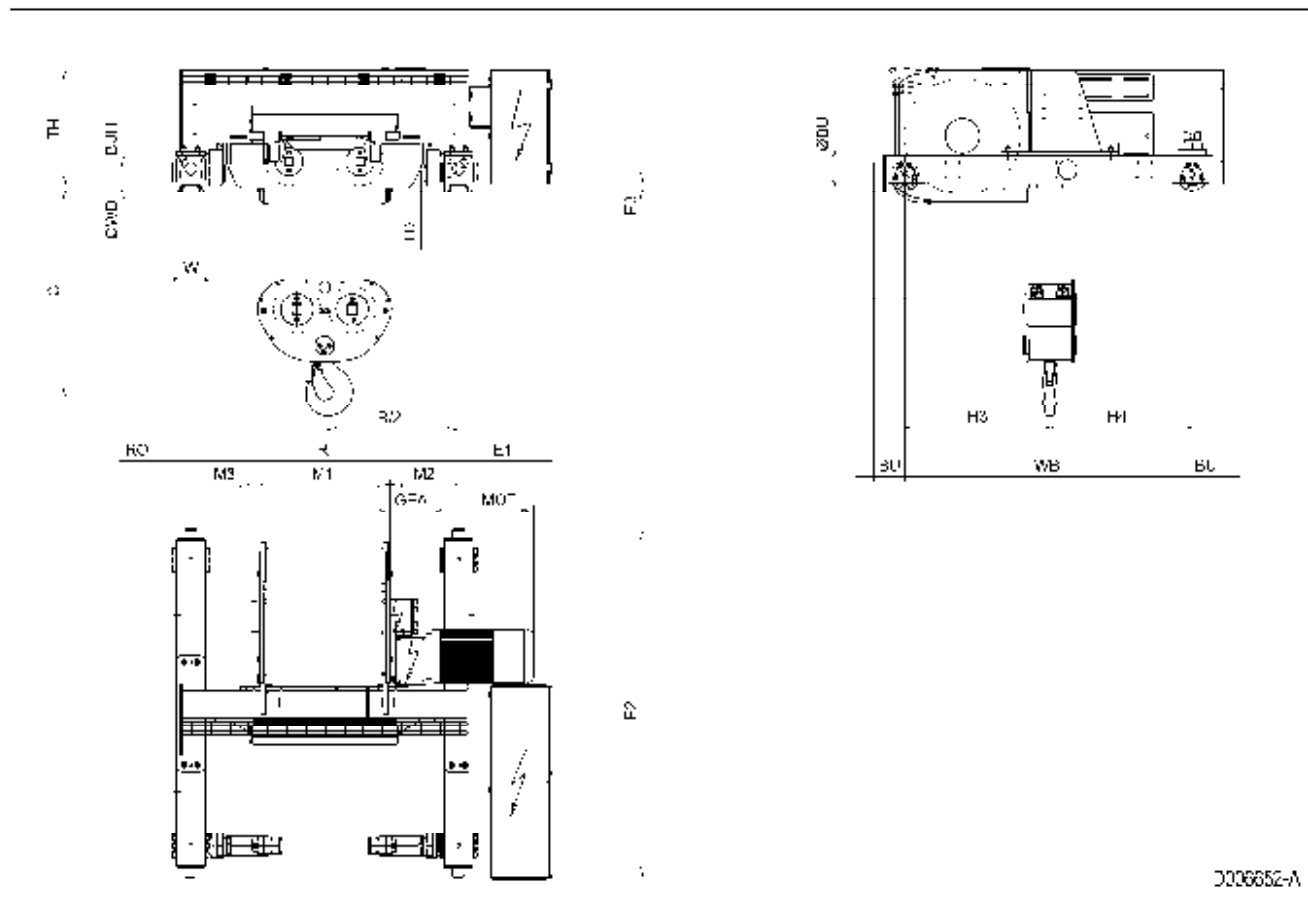
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1400, 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with the Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 24



30 DOUBLE GIRDER HOIST VT4, REEVING: 26

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
5	N/A	E	682	359	1400	2000	1650
7	5	F	832	434	1700	2400	1730
9.5	7.5	G	1022	339	1700	2700	1800
12.5	10.5	H	1272	364	2000	3100	1920
17	15	J	1622	389	2400	3400	2100
21	19	K	1922	389	2700	3800	2280
25.5	23.5	L	2272	414	3100	4200	2490
28.5	26.5	M	2522	439	3400	4200	2660
32.5	30.5	N	2822	489	3800	4200	2870

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1154	200	80	226	100	488	1852	80	218	712	698	44
RO	TD	TH	WB	W min	W max						
122	28	693	1410	54	99						

D006653_A
090655

Note: All dimensions in mm.

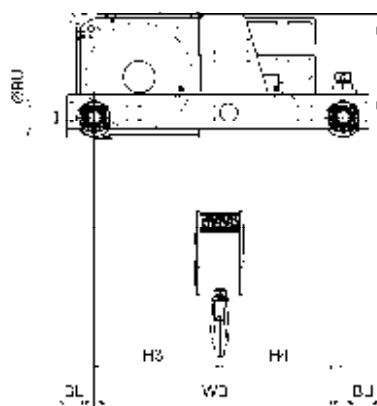
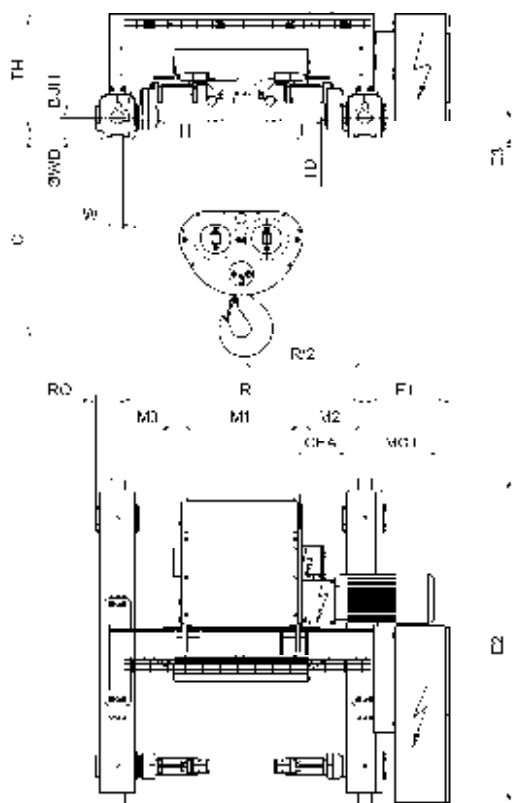
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1400, 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with the Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 26



D006633-A

31 DOUBLE GIRDER HOIST VT4, REEVING: 28

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
5	N/A	F	832	434	1700	2400	1850
7	5.5	G	1022	339	1700	2700	1920
9.5	8	H	1272	364	2000	3100	2050
12.5	11	J	1622	389	2400	3400	2230
15.5	14	K	1922	389	2700	3800	2400
19	17.5	L	2272	414	3100	4200	2620
21.5	20	M	2522	439	3400	4200	2790
24.5	23	N	2822	489	3800	4200	3010

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1280	200	80	226	100	488	1852	80	218	712	698	44
RO	TD	TH	WB	W min	W max						
122	28	693	1410	54	99						

D006654_A

090656

Note: All dimensions in mm.

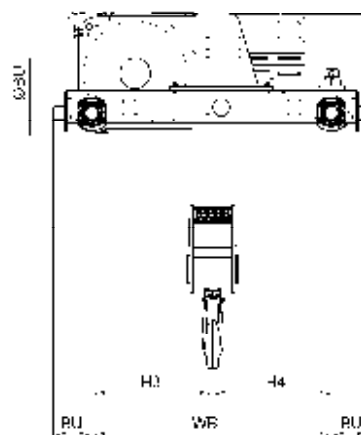
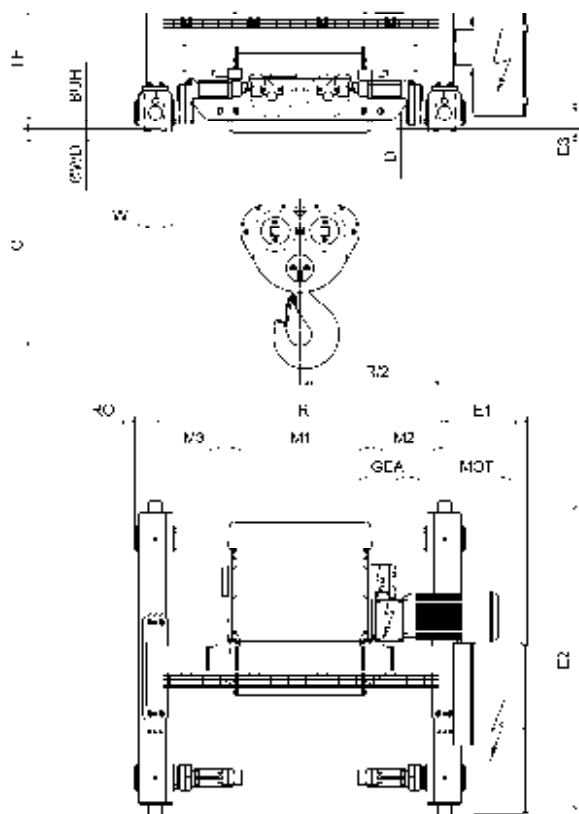
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with the Min R.

Note: Flangeless wheels available.

Double Girder Hoist VT4, REEVING: 28



D006634-A

32 DOUBLE GIRDER HOIST VT5, REEVING: 22

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
15.5	9	F	832	434	1700	2400	1800
20.5	14	G	1022	339	1700	2700	1950
27.5	21	H	1272	214	2000	3100	2080
37.5	31	J	1622	389	2400	3400	2270
46	39.5	K	1922	389	2700	3800	2430
55.5	49	L	2272	414	3100	4200	2620
62.5	56	M	2522	439	3400	4200	2780
71	64.5	N	2822	489	3800	4200	2970

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
960	200	80	226	100	488	1826	80	218	712	698	44
RO	TD	TH	WB	W min	W max						
122	30	693	1410	54	99						

D006655_A

090657

Note: All dimensions in mm.

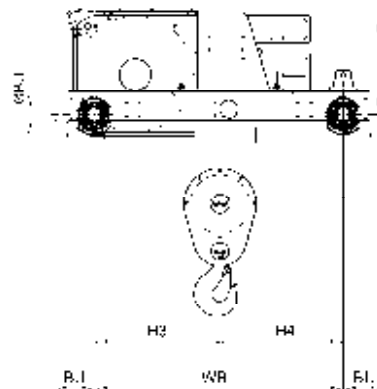
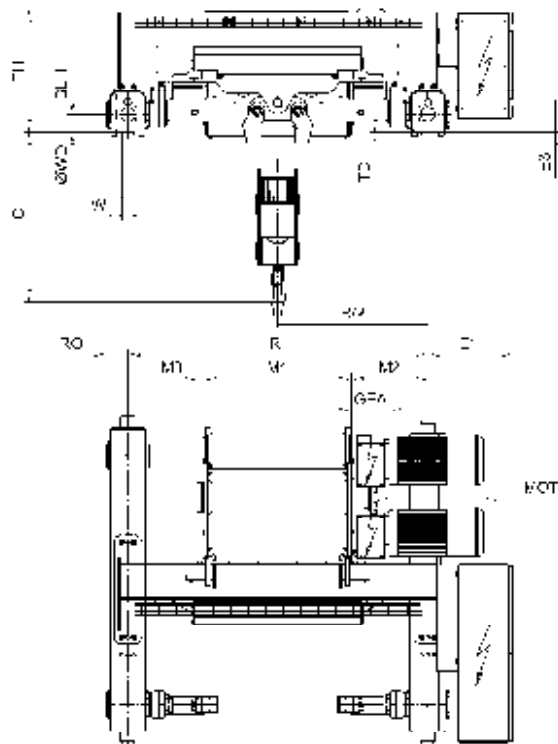
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT5, REEVING: 22



D006655-A

33 DOUBLE GIRDER HOIST VT5, REEVING: 24

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
7.5	4	F	832	434	1700	2400	2040
10	6.5	G	1022	339	1700	2700	2200
13.5	10	H	1272	214	2000	3100	2330
18.5	15	J	1622	389	2400	3400	2530
23	19.5	K	1922	389	2700	3800	2680
27.5	24	L	2272	414	3100	4200	2880
31	27.5	M	2522	439	3400	4200	3030
35.5	32	N	2822	489	3800	4200	3230

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1305	200	80	226	100	488	1856	80	218	712	698	44
RO	TD	TH	WB	W min	W max						
122	30	693	1410	54	99						

D006656_A

090658

Note: All dimensions in mm.

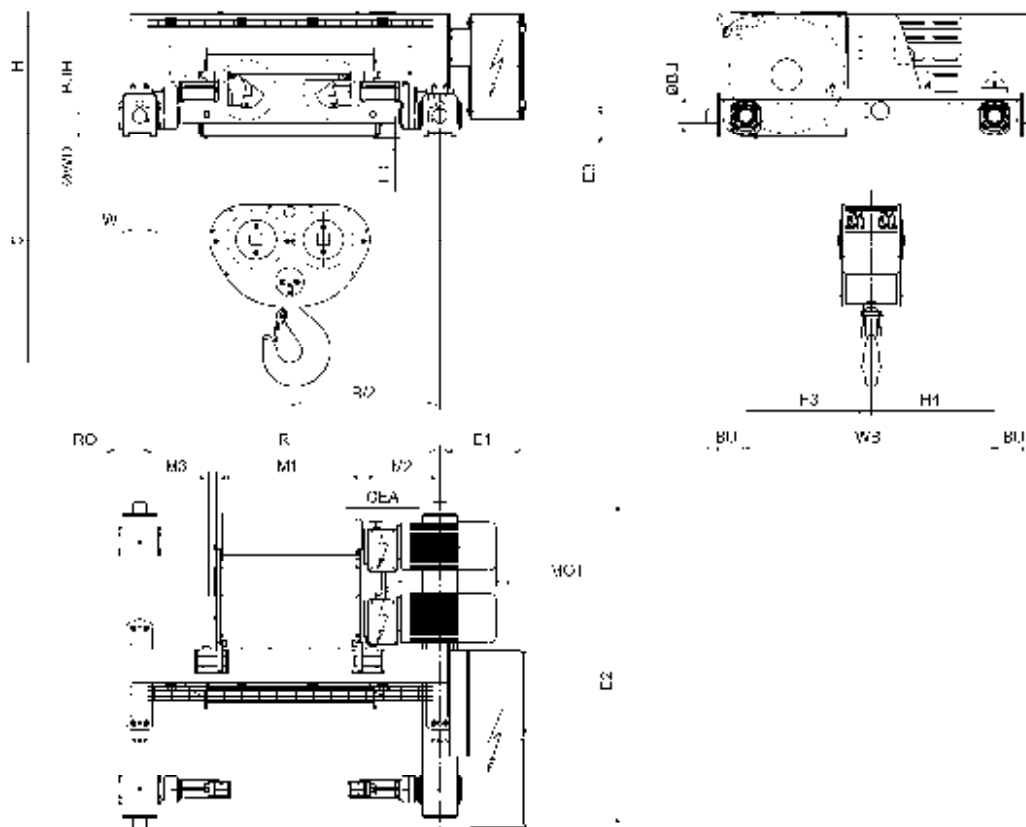
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT5, REEVING: 24



D006636-A

34 DOUBLE GIRDER HOIST VT5, REEVING: 26

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
5	2.5	F	832	434	1700	2400	2530
6.5	4	G	1022	339	1700	2700	2690
9	6.5	H	1272	214	2000	3100	2830
12.5	10	J	1622	389	2400	3400	3070
15	12.5	K	1922	389	2700	3800	3310
18.5	16	L	2272	414	3100	4200	3580
20.5	18	M	2522	439	3400	4200	3790
23.5	21	N	2822	489	3800	4200	4040

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1354	250	100	262	150	488	1868	107	218	687	653	44
RO	TD	TH	WB	W min	W max						
129	20	720	1340	54	99						

D006657_A

090659

Note: All dimensions in mm.

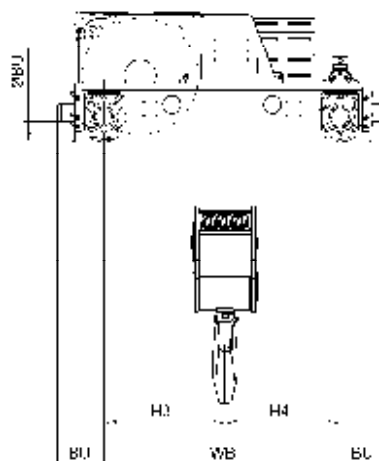
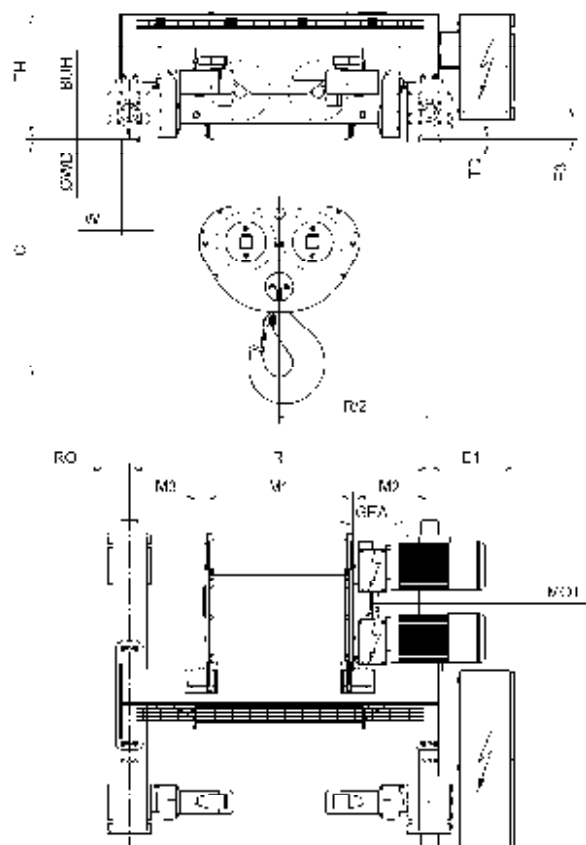
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 1700, 2000, 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT5, REEVING: 26



D006657-A

35 DOUBLE GIRDER HOIST VT5, REEVING: 28

Hoist Dimensions

HOL m	HOL* m	Length code	M1 mm	M2 mm	Min R mm	Max R mm	Weight** kg
6.5	4.5	H	1272	564	2400	3100	3380
9	7	J	1622	389	2400	3400	3610
11	9	K	1922	389	2700	3800	3860
13.5	11.5	L	2272	414	3100	4200	4140
15.5	13.5	M	2522	439	3400	4200	4330
17.5	15.5	N	2822	489	3800	4200	4590

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor Dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley Dimensions

C	ØWD	ØBU	BU	BUH	E1	E2	E3	GEA	H3	H4	M3
1410	250	100	262	150	488	1868	142	218	687	733	44
RO	TD	TH	WB	W min	W max						
173	20	755	1420	54	99						

D006658_A
090660

Note: All dimensions in mm.

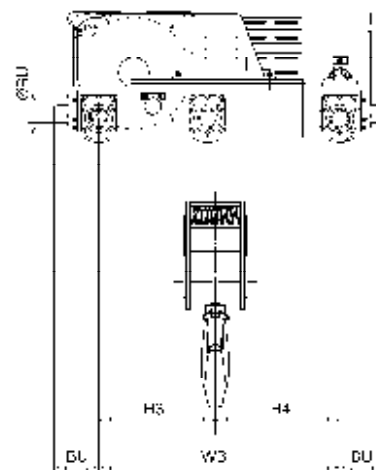
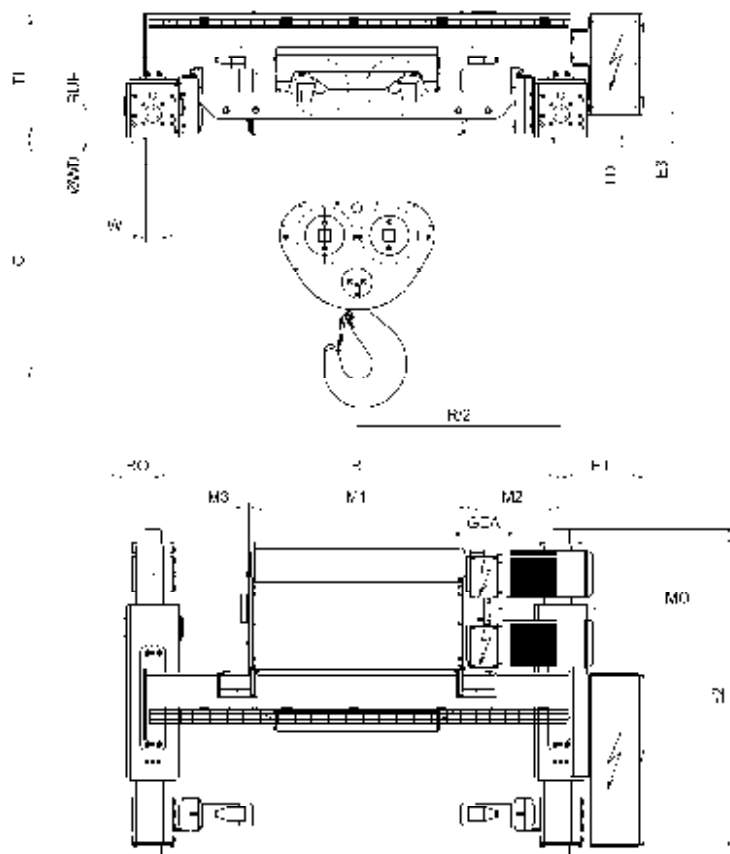
Note: Weight calculated with P6 motor.

Note: Standard rail gauges: 2400, 2700, 3100, 3400, 3800 and 4200.

Note: M2 and weight calculated with min R.

Note: Flangeless wheels available.

Double Girder Hoist VT5, REEVING: 28



DCC6650-A

DOUBLE GIRDER TROLLEY, HIGH

36 HIGH DOUBLE GIRDER HOIST VT1, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
12	A	326	274	369	90	900	210
19	C	456	274	369	144	900	220

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
185	63	138	90	327	714	15	110	398	820	90	50
W max	RO	TD	TH								
70	83	15	403								

D002074_A
062128

Note: All dimensions in mm.

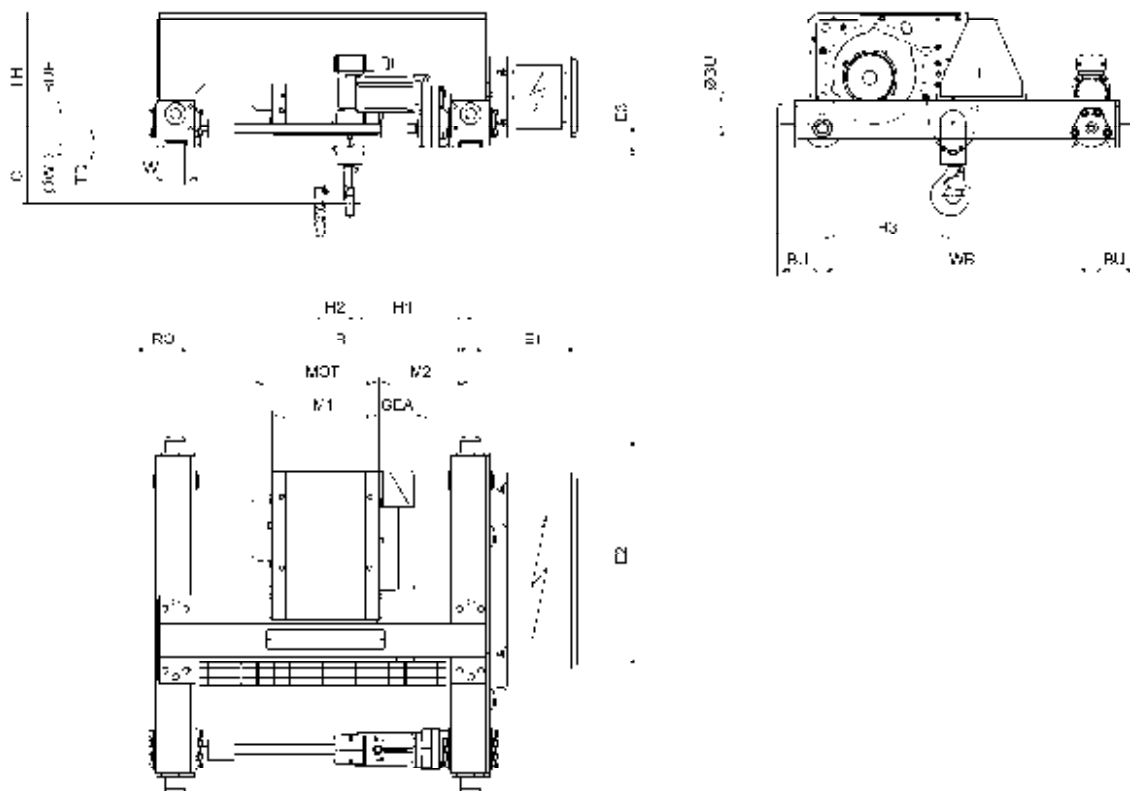
Note: H1, M2 and weight calculated with P1 motor and Min R.

Note: Min R with second brake.

Note: Standard rail gauges: 900, 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

High Double Girder Hoist VT1, REEVING: 02



0002074-A

37 HIGH DOUBLE GIRDER HOIST VT1, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
6	A	326	274	424	45	900	210
9.5	C	456	274	424	72	900	220

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
135	63	138	90	327	714	15	110	820	90	50	70
RO	TD	TH									
83	15	403									

D002079_A
028596

Note: All dimensions in mm.

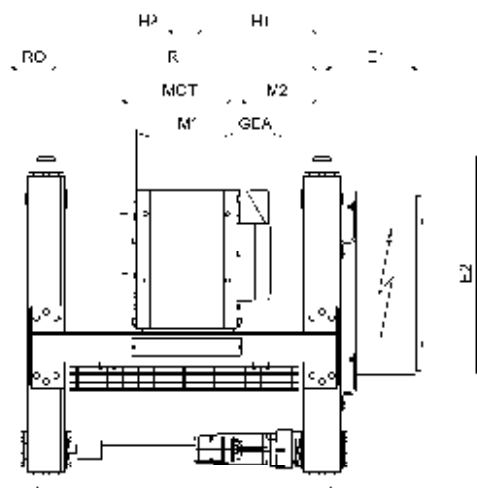
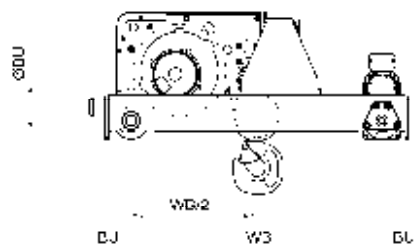
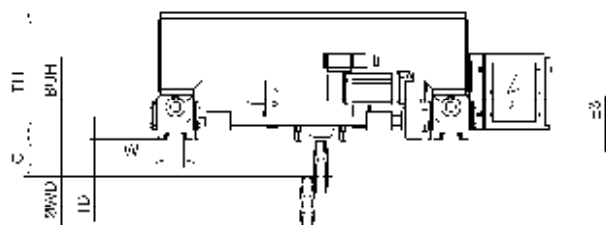
Note: H1, M2 and weight calculated with P1 motor and Min R.

Note: Min R with second brake.

Note: Standard rail gauges: 900, 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

High Double Girder Hoist VT1, REEVING: 04



0002078-A

38 HIGH DOUBLE GIRDER HOIST VT2, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
12	B	356	217	308	95	900	321
18	C	456	217	308	144	900	331
24	D	556	217	308	193	900	346
30	E	676	367	458	252	1200	367

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
90	63	138	90	327	758	12	116	482	1010	90	50
W max	RO	TD	TH								
70	83	15	575								

D002229_A

062229

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P3 motor and Min R.

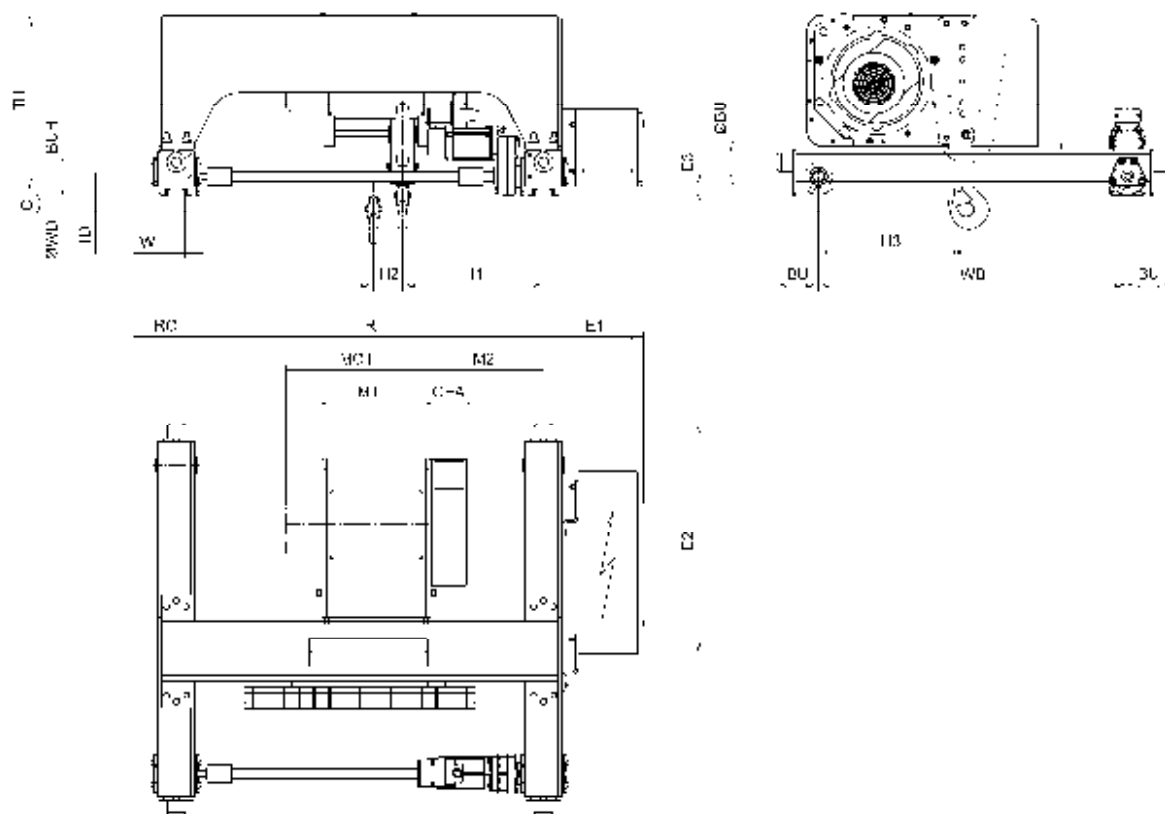
Note: Motor S5 is unavailable for load class 3200 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 900, 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

High Double Girder Hoist VT2, REEVING: 02



D002229-A

39 HIGH DOUBLE GIRDER HOIST VT2, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
6	B	356	217	386	49	900	325
9	C	456	217	386	74	900	335
12	D	556	217	386	99	900	355
15	E	676	367	536	129	1200	375

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

C1	C2	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min
80	97	63	138	90	327	758	12	116	1010	90	50
W max	RO	TD	TH								
70	83	15	575								

D002230_A

062231

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P3 motor and Min R.

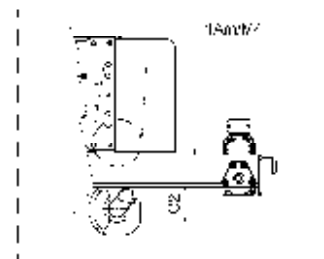
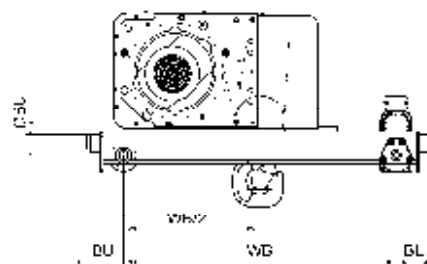
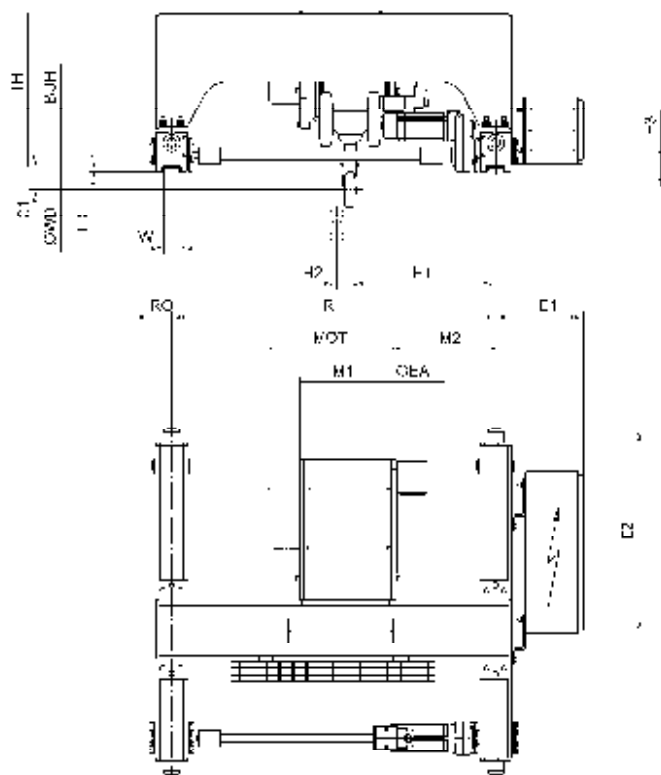
Note: Motor S5 is unavailable for load class 6300 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 900, 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

High Double Girder Hoist VT2, REEVING: 04



0002253-A

40 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
18	D	558	303	458	176	1200	665
24	E	678	303	458	235	1200	690
32	F	828	266	421	309	1200	715
40	G	1018	516	671	403	1700	795

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
211	63	148	100	382	1028	15	143	552	1080	110	52
W max	RO	TD	TH								
87	98	15	692								

D002238_A

062235

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P5 motor and Min R.

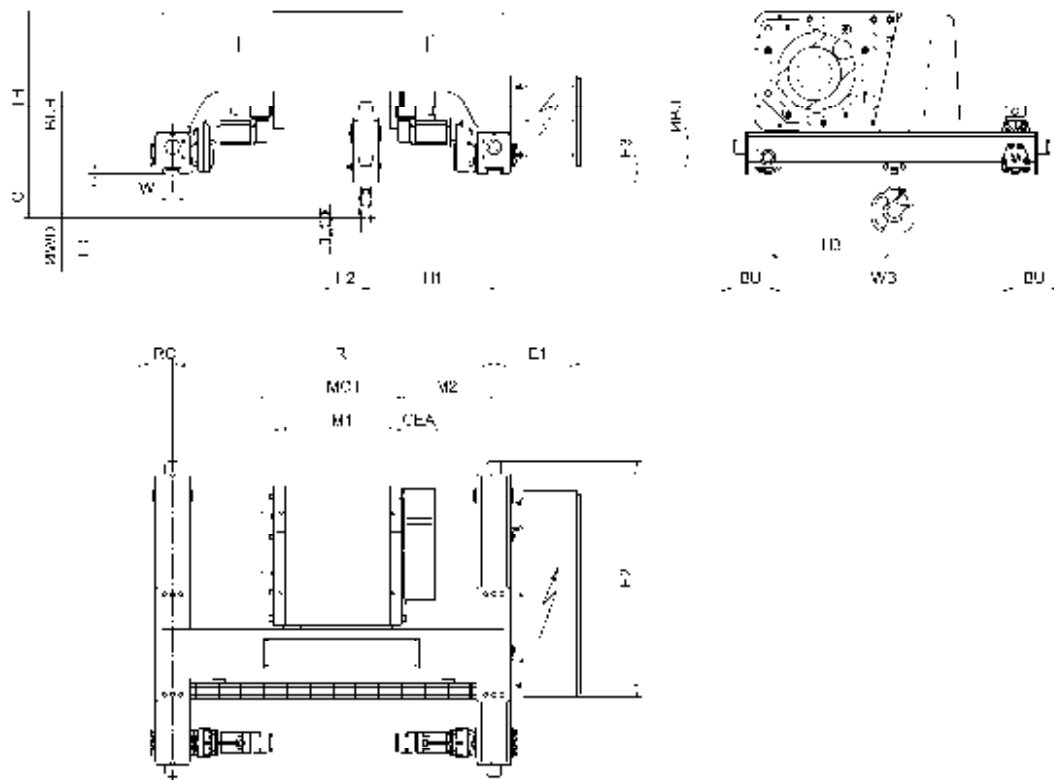
Note: Motor S7 is unavailable for load class 6300 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 02



D002238-A

41 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
9	D	558	303	540	88	1200	685
12	E	678	303	540	118	1200	710
16	F	828	266	503	156	1200	735
20	G	1018	516	753	204	1700	815

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C1	C2	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD
155	210	63	148	100	382	1028	15	143	585	1080	110
W min	W max	RO	TD	TH							
52	87	98	15	692							

D002240_A

062246

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P5 motor and Min R.

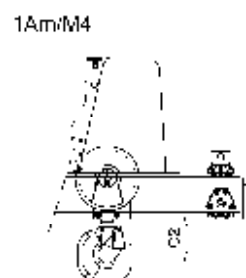
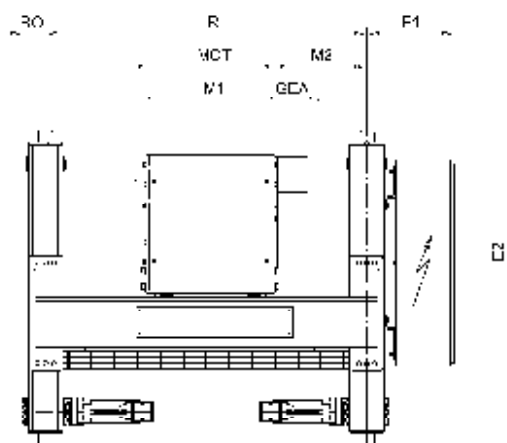
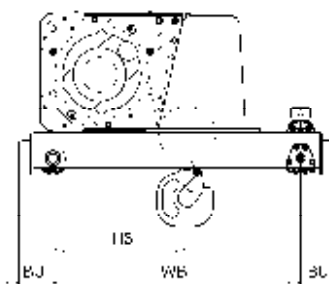
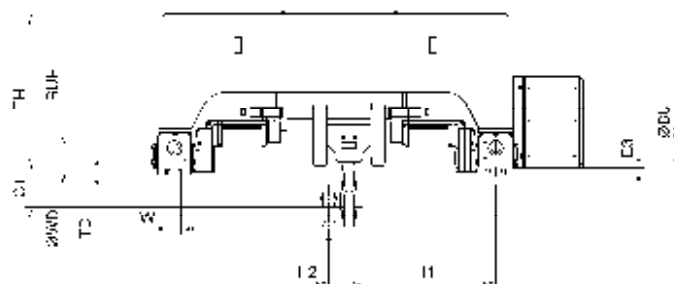
Note: Motor S7 is unavailable for load class 12500 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700 and 2000.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 04



D002240-A

42 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 06

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
6	D	558	548	515	53	1200	765
8	E	678	628	595	78	1400	800
10	F	828	778	745	98	1700	850
13	G	1018	888	855	132	2000	905

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
525	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	20	695									

D007196_A

124517

Note: All dimensions in mm.

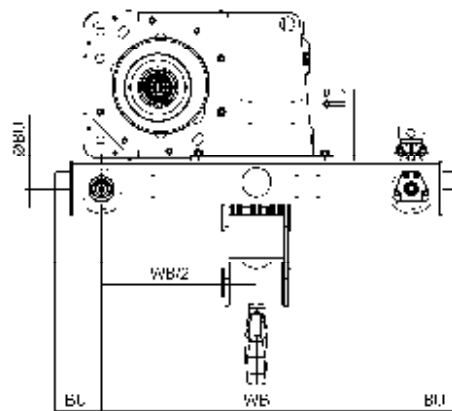
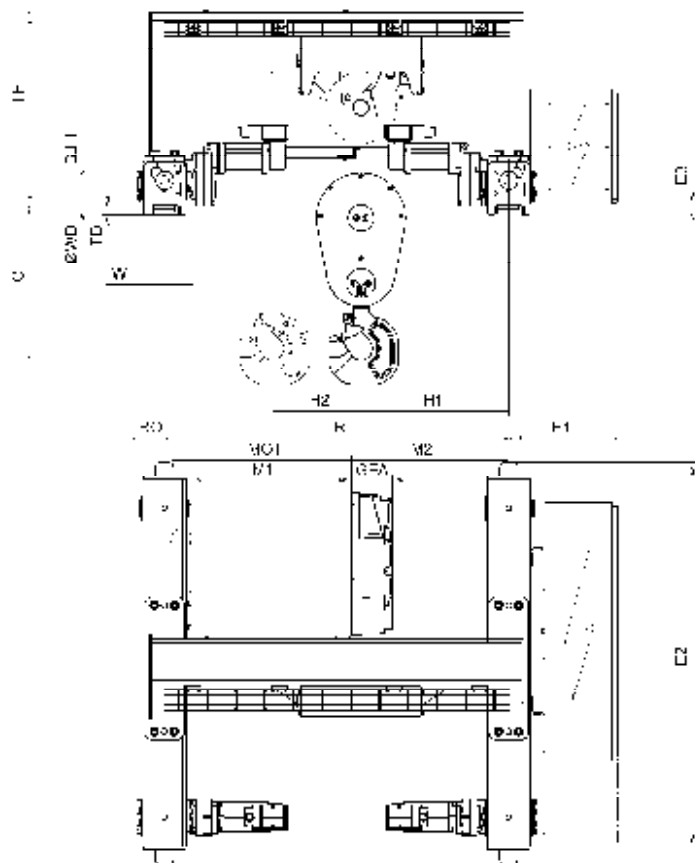
Note: H1, M2 and weight calculated with P5 motor and Min R.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 06



D007196-A

43 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 08

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
4.5	D	558	548	515	44	1200	780
6	E	678	628	595	53	1400	815
8	F	828	778	745	76	1700	865
10	G	1018	888	855	98	2000	915

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
525	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	20	695									

D007197_A

124518

Note: All dimensions in mm.

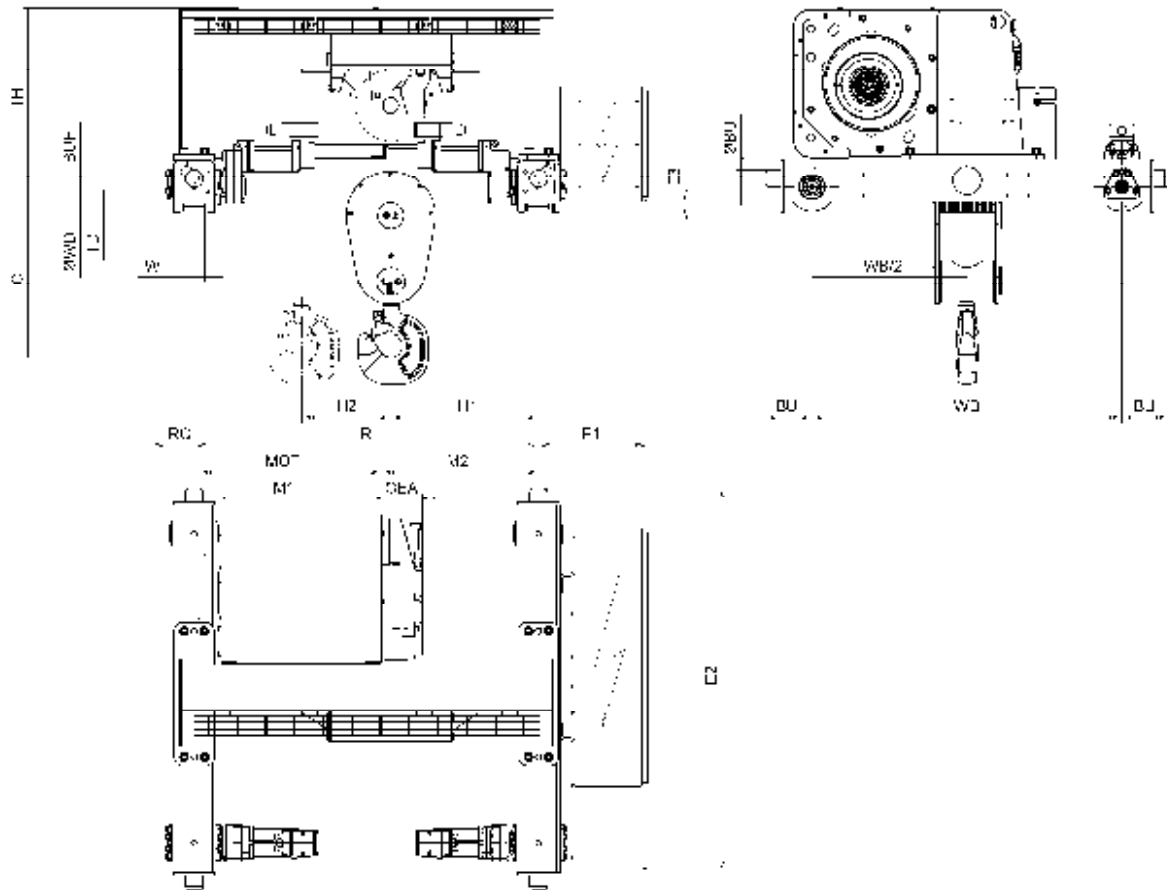
Note: H1, M2 and weight calculated with P5 motor and Min R.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 08



D007197-4

44 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 22

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
8.5	D	558	321	-	1200	675
13	E	678	261	-	1200	695
18	F	828	286	-	1400	735
25	G	1018	341	-	1700	785
33.5	H	1268	216	128	1700	840
46	J	1618	424	128	2400	950

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
355	63	148	100	382	1328	15	143	585	1080	110	52
W max	RO	TD	TH								
87	98	20	692								

D007182_A
124426

Note: All dimensions in mm.

Note: M2 and weight calculated with P5 motor and Min R.

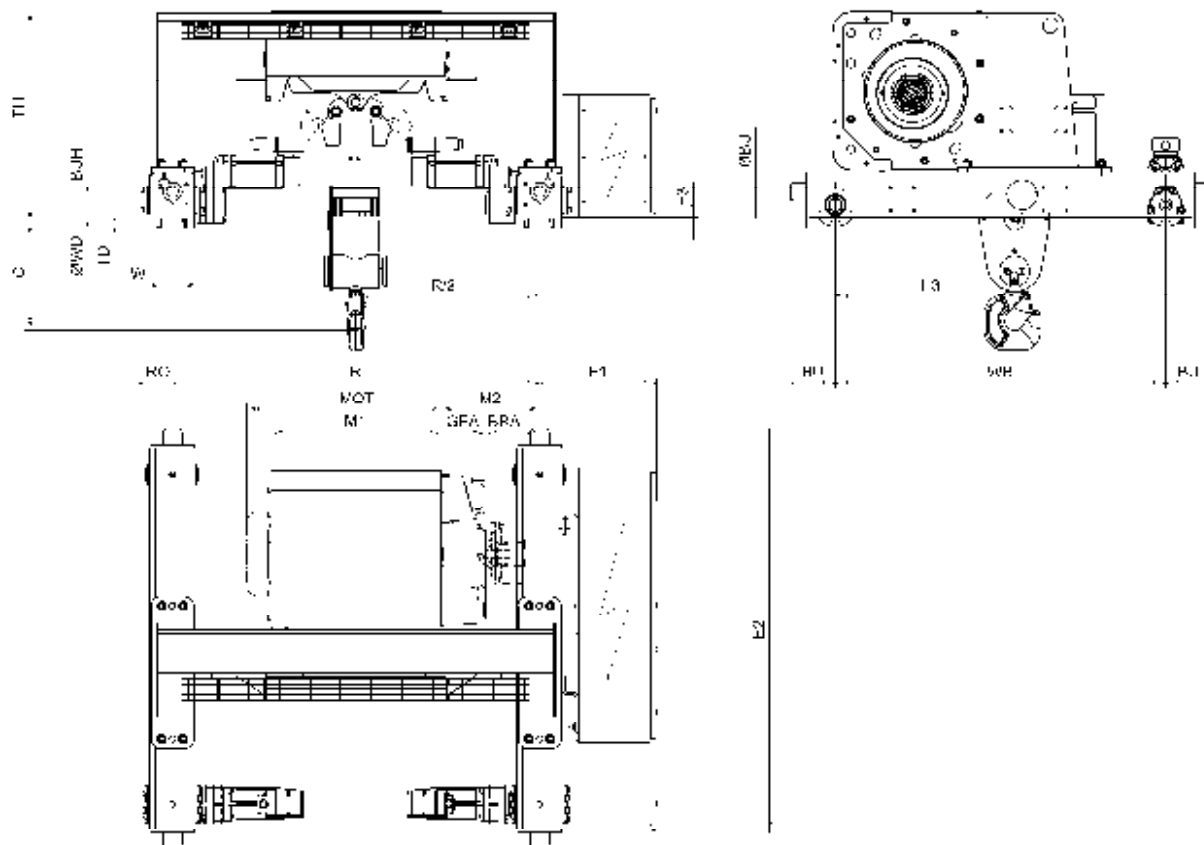
Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 22



D007182-A

45 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 24

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
4	D	558	321	-	1200	740
6.5	E	678	261	-	1200	760
9	F	828	286	-	1400	800
12.5	G	1018	341	-	1700	850
16.5	H	1268	216	128	1700	905
23	J	1618	424	128	2400	1015

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
520	63	148	100	382	1328	15	143	585	1080	110	52
W max	RO	TD	TH								
87	98	20	692								

D007183_A
124427

Note: All dimensions in mm.

Note: M2 and weight calculated with P5 motor and Min R.

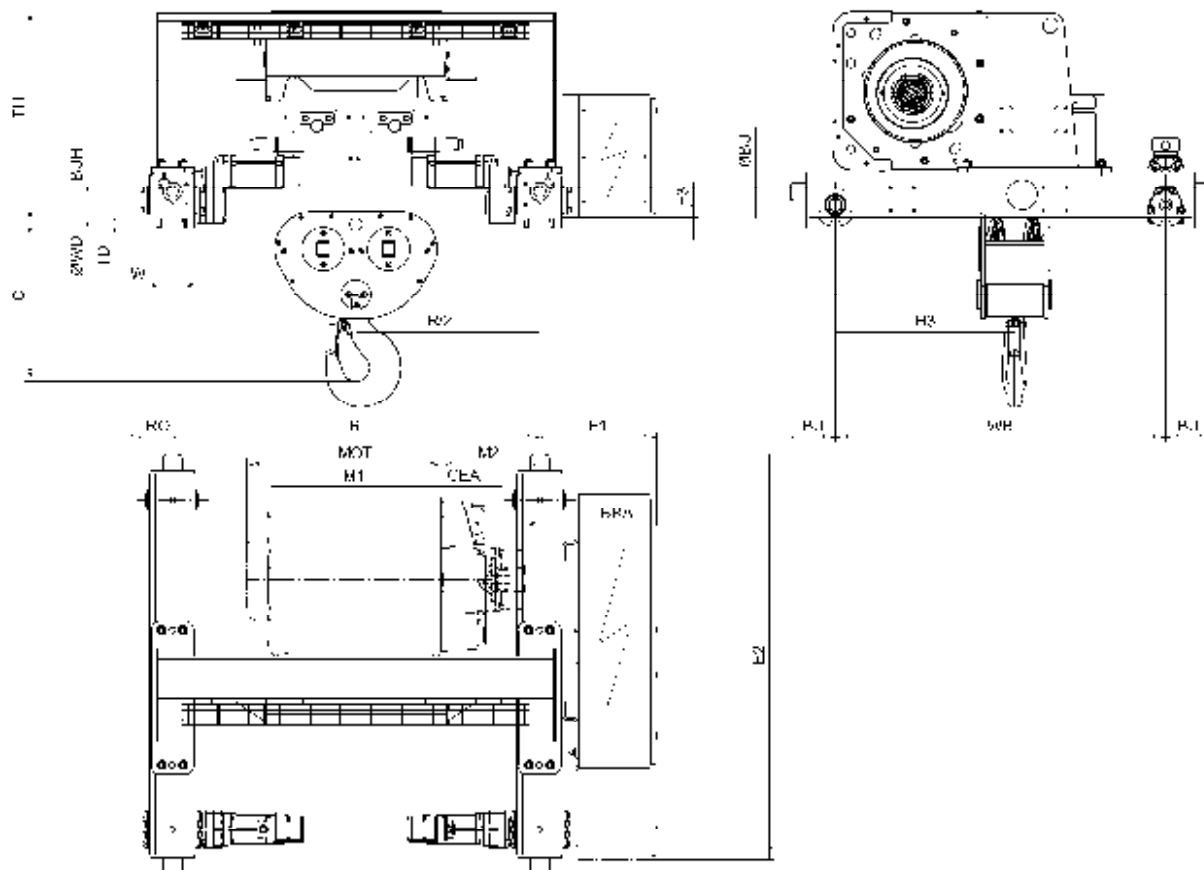
Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 24



D007183-A

46 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 26

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
4	E	678	261	-	1200	790
6	F	828	286	-	1400	830
8	G	1018	341	-	1700	885
11	H	1268	216	128	1700	935
15	J	1618	424	128	2400	1050

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
520	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	20	695									

D007184_A
124428

Note: All dimensions in mm.

Note: M2 and weight calculated with P5 motor and Min R.

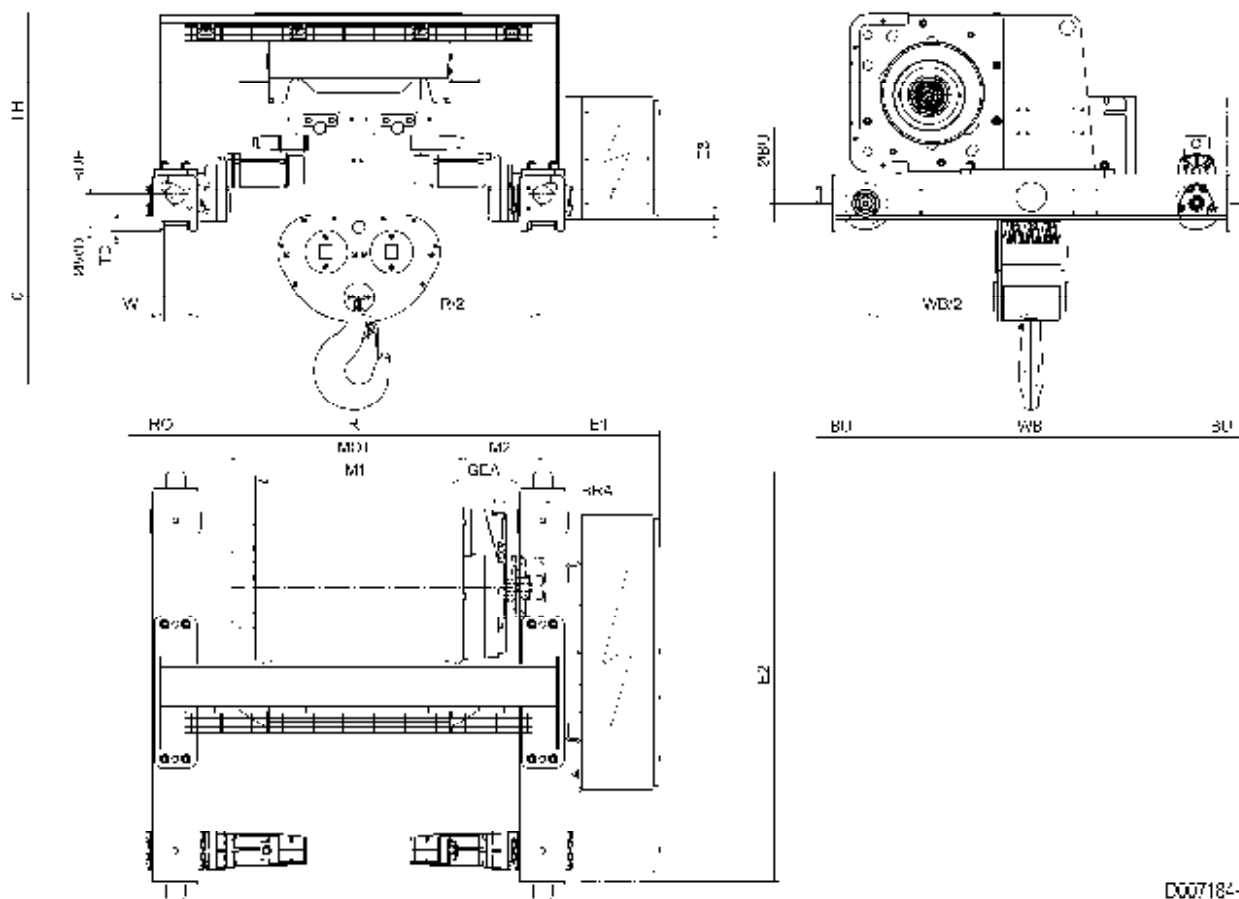
Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 26



D007184-A

47 HIGH DOUBLE GIRDER HOIST VT3, REEVING: 28

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	Min R mm	Weight kg
4.5	F	828	286	-	1400	840
6	G	1018	341	-	1700	895
8	H	1268	216	128	1700	945
11.5	J	1618	424	128	2400	1060

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	WB	ØWD	W min	W max
520	63	163	100	382	1343	18	143	1080	140	54	84
RO	TD	TH									
98	20	695									

D007185_A

124429

Note: All dimensions in mm.

Note: M2 and weight calculated with P5 motor and Min R.

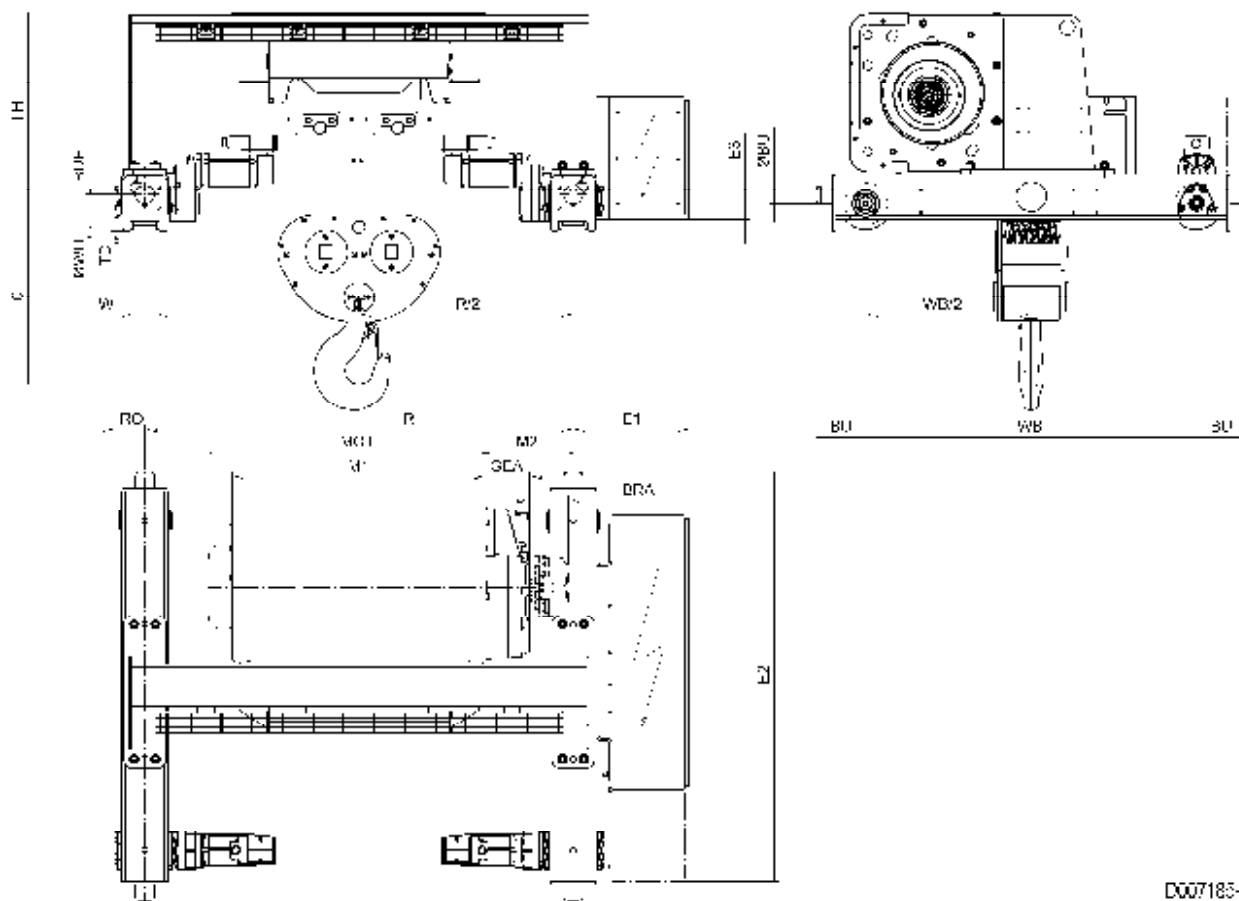
Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700, 2000 and 2400.

Note: Gear brake as standard brake for drum lengths H and J.

Note: Flangeless wheels available.

High Double Girder Hoist VT3, REEVING: 28



D007185-A

DOUBLE GIRDER TROLLEY, LOW

48 LOW DOUBLE GIRDER HOIST VT3, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
18	D	558	403	558	176	1400	650
24	E	678	403	558	235	1400	675
32	F	828	516	671	309	1700	720
40	G	1018	666	821	403	2000	760

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD	W min
615	63	148	100	342	1028	5	143	552	1080	110	52
W max	RO	TD	TH								
87	98	265	252								

D002115_A

005058

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P5 motor and Min R.

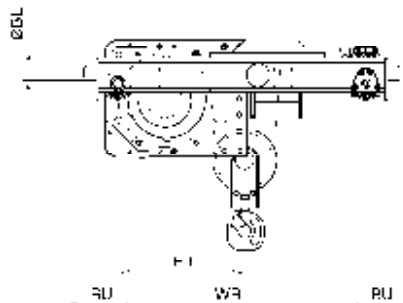
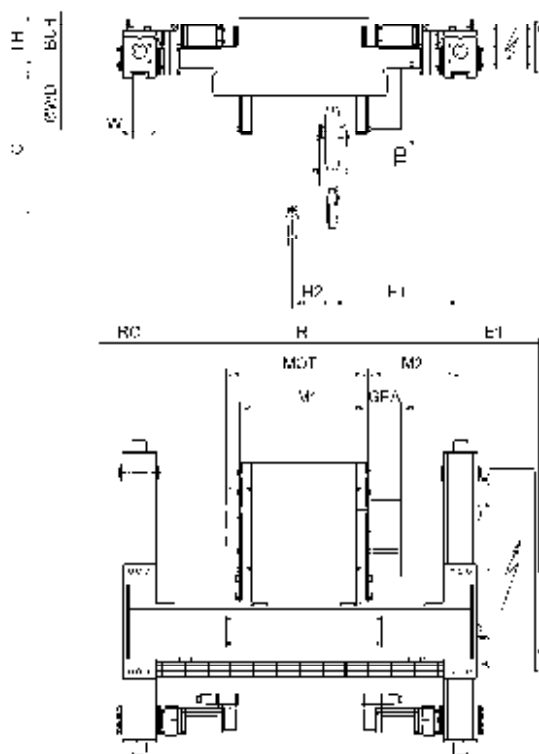
Note: Motor S7 is unavailable for load class 6300 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700 and 2000.

Note: Flangeless wheels available.

Low Double Girder Hoist VT3, REEVING: 02



DXX2115-A

49 LOW DOUBLE GIRDER HOIST VT3, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	Min R mm	Weight kg
9	D	558	403	640	88	1400	670
12	E	678	403	640	118	1400	700
16	F	828	516	753	156	1700	745
20	G	1018	666	903	204	2000	785

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C1	C2	ØBU	BU	BUH	E1	E2	E3	GEA	H3	WB	ØWD
595	651	63	148	100	342	1028	5	143	585	1080	110
W min	W max	RO	TD	TH							
52	87	98	265	252							

D002122_A

005060

Note: All dimensions in mm.

Note: H1, M2 and weight calculated with P5 motor and Min R.

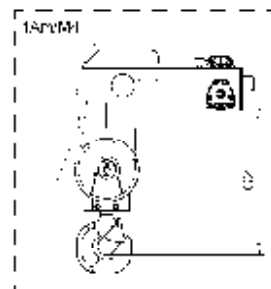
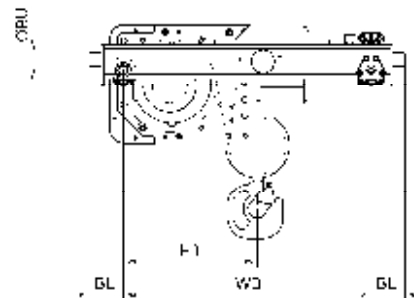
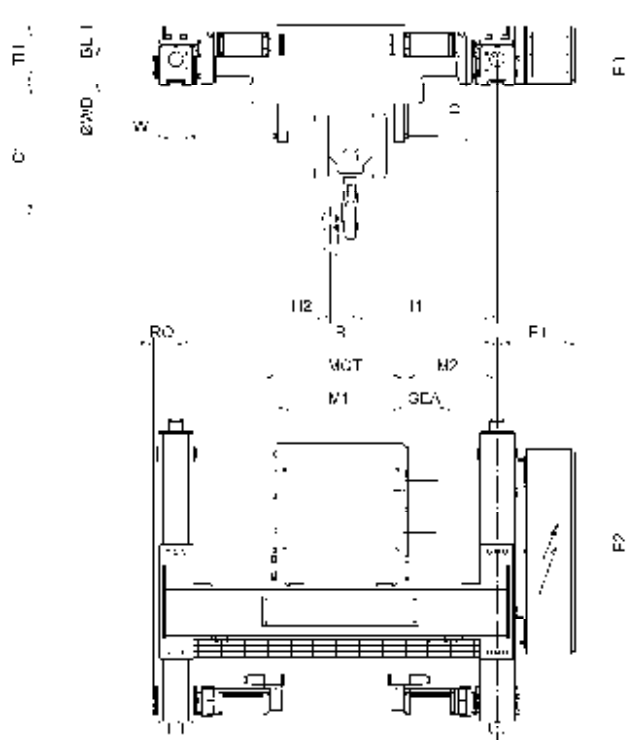
Note: Motor S7 is unavailable for load class 12500 kg.

Note: Min R with service platform and second brake.

Note: Standard rail gauges: 1400, 1700 and 2000.

Note: Flangeless wheels available.

Low Double Girder Hoist VT3, REEVING: 04



D(0)2122-A

NORMAL HEADROOM TROLLEY

50 NORMAL HEADROOM HOIST VT1, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BF mm	Weight kg
12	A	326	190	90	447	462	633	58	250
19	C	456	190	144	447	462	633	58	270

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B min.	B max.	C	ØBU	ØWD	BU	BUF	BUH	E1	E2	GEA	M2
100	450	740	63	100	253	412	40	241	372	110	96
TF	TD	TH	TW								
45	557	150	31								

D002077_A

062129

Minimum track radius

B	Min R
100 - 109	2500
110 - 119	2000
120 - 450	1500

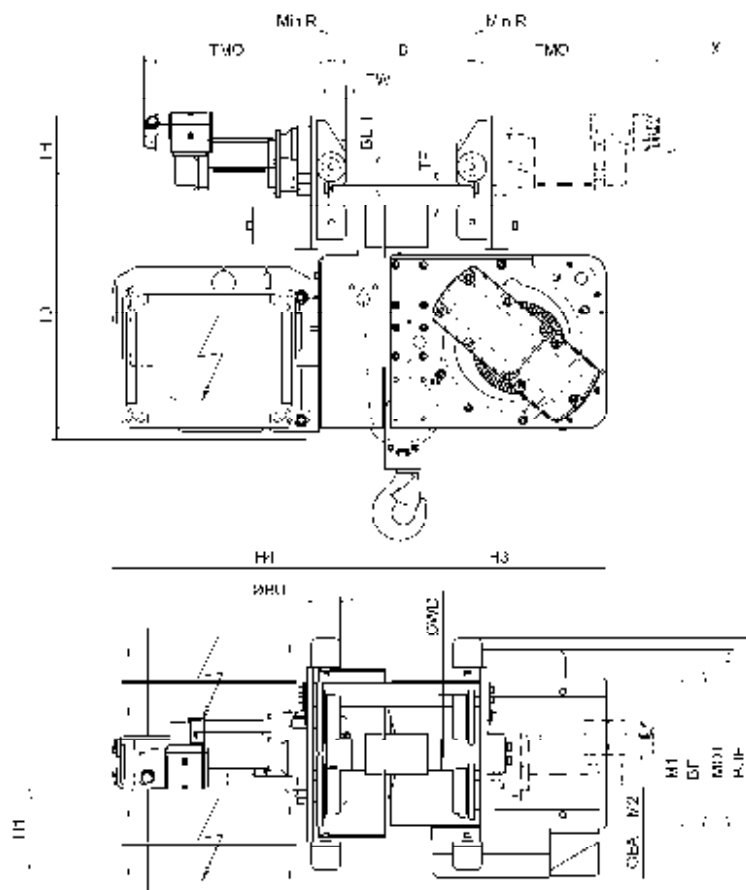
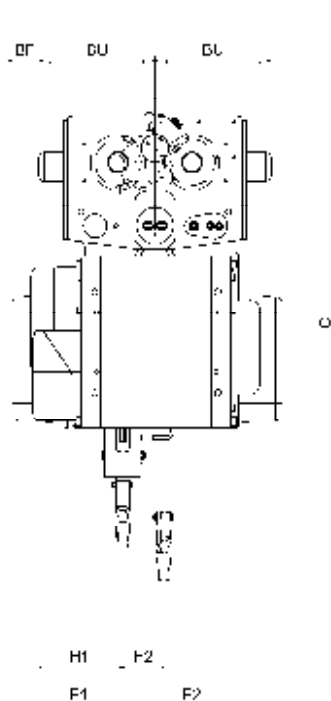
Note: All dimensions in mm.

Note: Weight calculated with P1 motor when B=300 mm.

Note: Additional travelling machinery for curved track (option) indicated with an 'X' in the drawing.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT1, REEVING: 02



0002077-A

51 NORMAL HEADROOM HOIST VT1, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	BF mm	Weight kg
6	A	326	238	45	465	480	617	58	260
9.5	C	456	238	72	465	480	617	58	300

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B min.	B max.	C	ØBU	ØWD	BU	BUF	BUH	E1	E2	GEA	M2
80	450	690	63	100	253	412	40	296	317	110	151
TF	TD	TH	TW								
45	557	150	31								

D002082_A

062130

Minimum track radius

B	Min R
100 - 109	2500
110 - 119	2000
120 - 450	1500

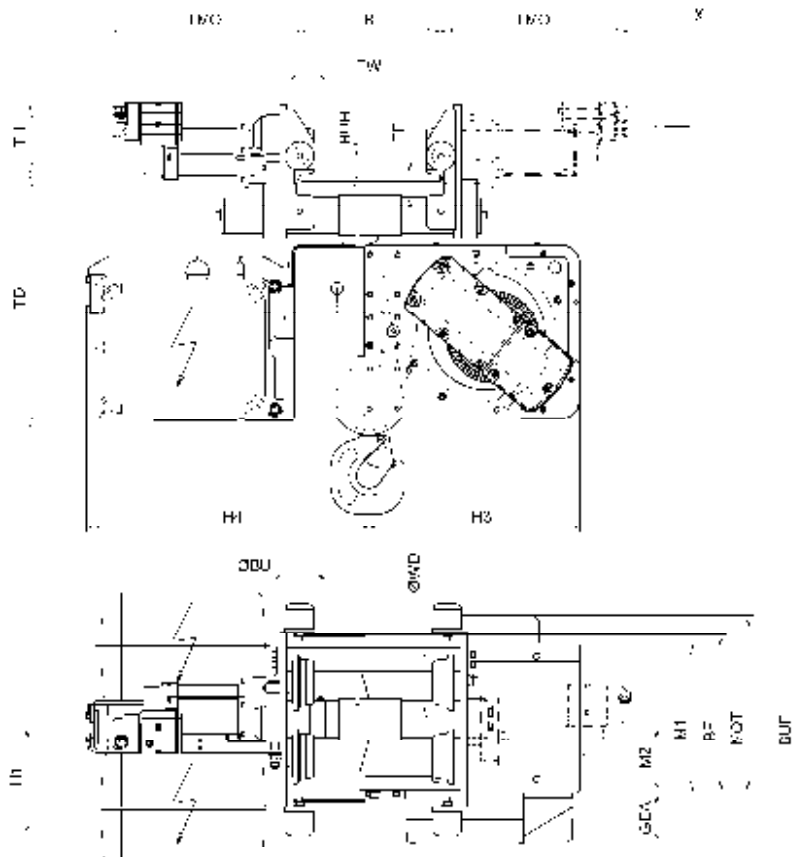
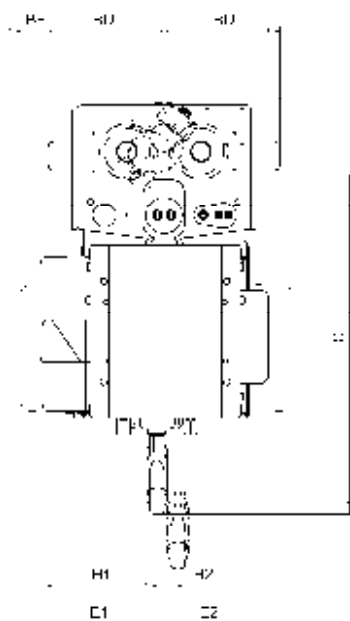
Note: All dimensions in mm.

Note: Weight calculated with P1 motor, when B=300 mm.

Note: Additional travelling machinery for curved track (option) indicated with an 'X' in the drawing.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT1, REEVING: 04



0002082-A

52 NORMAL HEADROOM HOIST VT2, REEVING: 02

Hoist dimensions

HOL m	Length code	BU mm	BUF mm	BF mm	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
12	B	373	586	269	356	244	98	532	548	665	350
18	C	373	586	269	456	244	147	532	548	665	390
24	D	373	586	373	556	244	198	532	548	665	420
30	E	253	737	218	676	274	258	532	548	665	480

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BUH	GEA	M2	TD	TF	TH	TS
120	450	835	63	100	40	116	87	586	40	150	420
TW											
31											

Trolley dimensions

Length code	E1	E2
B/C/D	233	505
E	199	540

D002090_A
062140

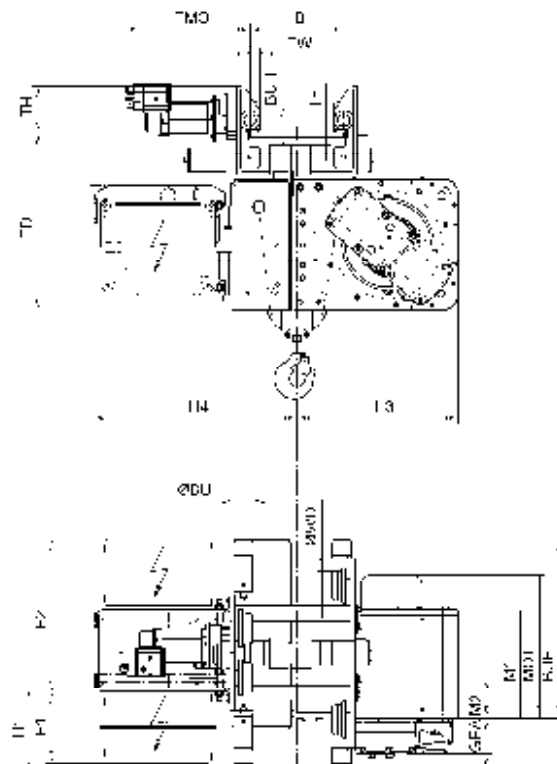
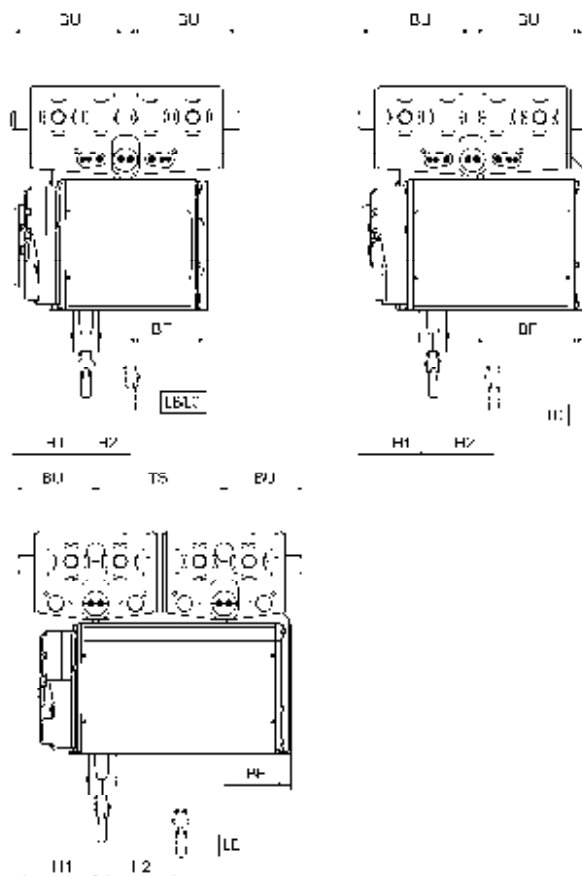
Note: All dimensions in mm.

Note: Weight calculated with P3 motor, when B=300 mm.

Note: Motor S5 is unavailable for load class 3200 kg.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT2, REEVING: 02



0002090-A

53 NORMAL HEADROOM HOIST VT2, REEVING: 02, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
12	B	356	350	98	532	548	663	470
18	C	456	350	147	532	548	663	490
24	D	556	350	198	532	548	663	530
30	E	676	350	258	532	548	663	540

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUF	BUH	GEA	M2	TD	TF
90	350	995	63	100	253	790	40	116	113	746	42
TH	TS	TW									
150	523	31									

D003840_A

062168

Track radius

B	R min
90 - 109	2500
110 - 119	2000
120 - 350	1500

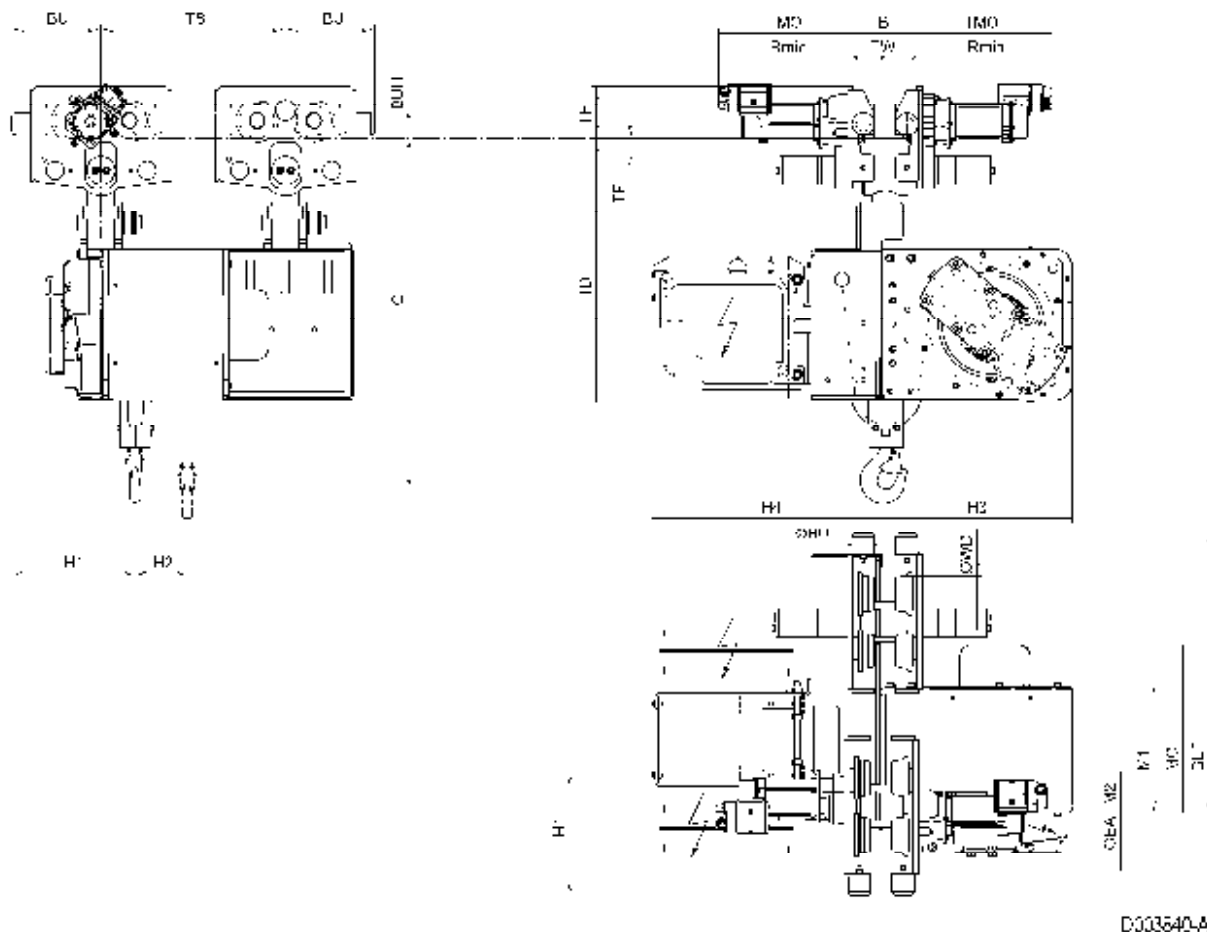
Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 3200 kg.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT2, REEVING: 02, Curved Track



54 NORMAL HEADROOM HOIST VT2, REEVING: 04

Hoist dimensions

HOL m	Length code	BU mm	BUF mm	BF mm	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
6	B	253	466	269	356	205	49	555	571	638	470
9	C	253	466	269	456	205	73	555	571	638	490
12	D	373	586	373	556	325	97	555	571	638	530
15	E	253	737	218	676	354	121	555	571	638	540

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BUH	GEA	M2	TD	TF	TH	TS
80	450	870	63	100	40	116	168	586	40	150	420
TW											
31											

Trolley dimensions

Length code	E1	E2
B/C/D	313	425
E	284	454

D002097_A
062143

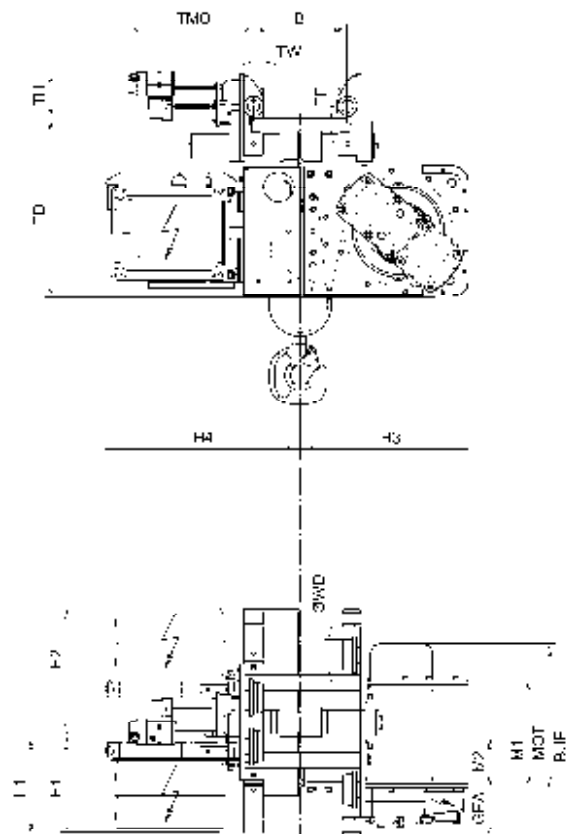
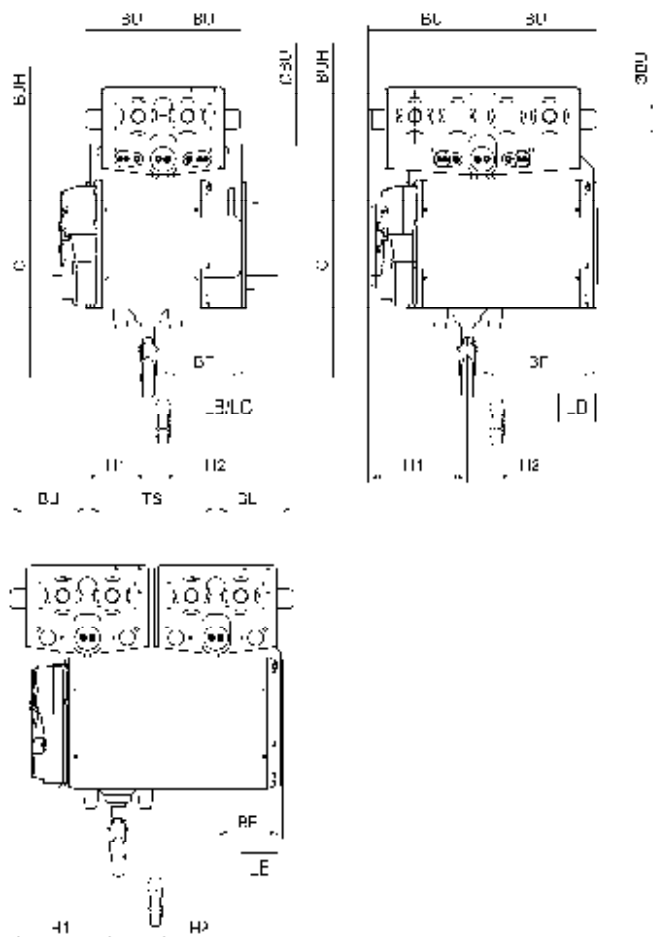
Note: All dimensions in mm.

Note: Weight calculated with P3 motor, when B=300 mm.

Note: Motor S5 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT2, REEVING: 04



D992067-A

55 NORMAL HEADROOM HOIST VT2, REEVING: 04, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
6	B	356	165	205	49	555	571	638	360
9	C	456	165	205	73	555	571	638	400
12	D	556	193	430	97	555	571	638	550
15	E	676	193	430	121	555	571	638	565

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C1	C2	ØBU	ØWD	BU	BUH	GEA	TH
80	450	90	350	870	1030	63	100	253	40	116	150
TS	TW										
523	31										

Trolley dimensions

Length code	BUF	E1	E2	TD	TF
B/C	522	313	425	586	40
D/E	967	357	381	746	42

Track radius

B	R min
80 - 109	2500
110 - 119	2000
120 - 450	1500

Note: All dimensions in mm.

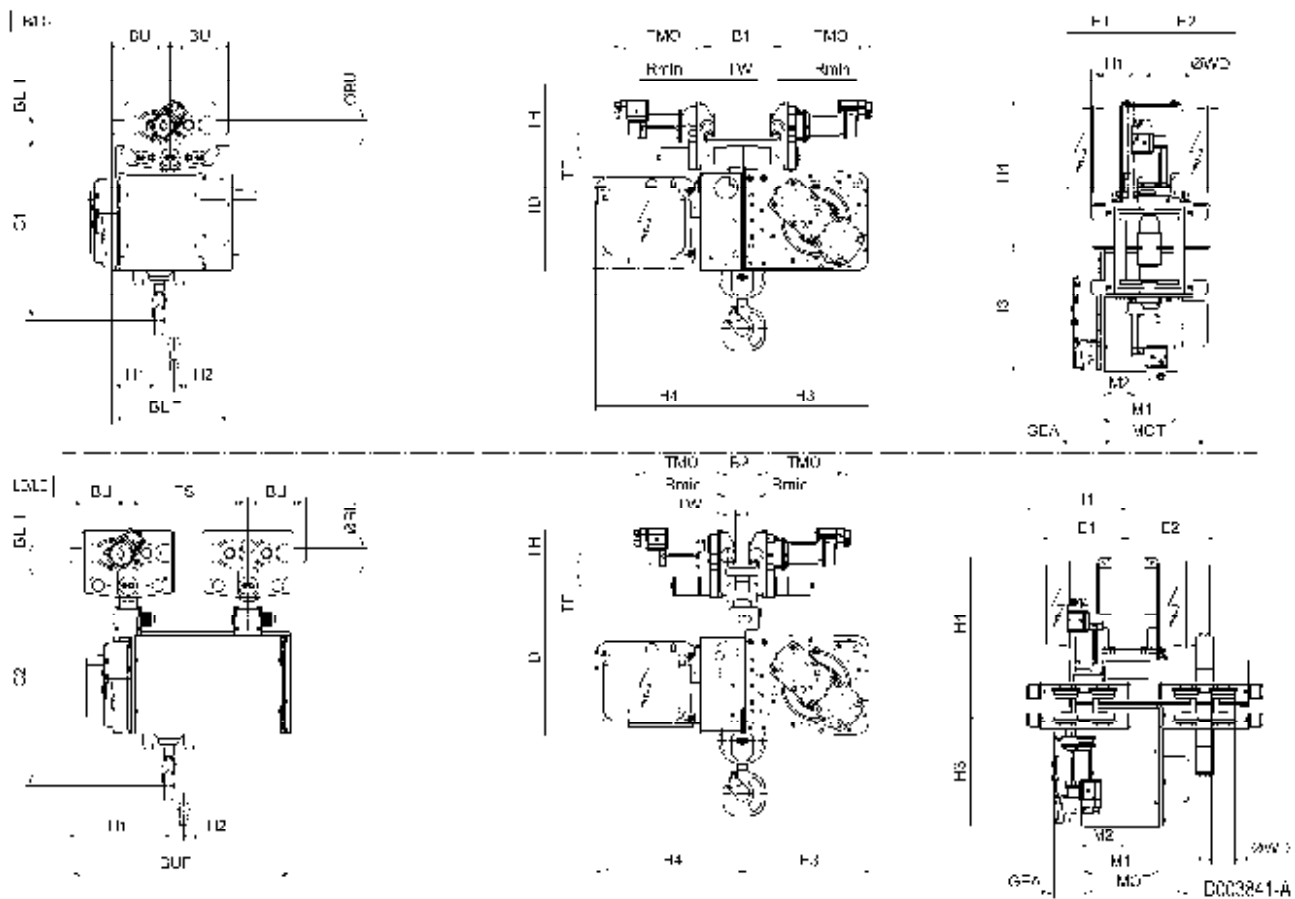
Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

D003841_A
062169

Normal Headroom Hoist VT2, REEVING: 04, Curved Track



56 NORMAL HEADROOM HOIST VT3, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
18	D	558	361	176	625	645	667	750
24	E	678	361	235	625	645	667	820
32	F	828	336	309	625	645	667	900
40	G	1018	336	403	625	645	667	960

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	M2	TD	TF	TH
120	610	1080	63	100	253	40	143	158	700	40	150
TW											
31											

D002114_A

062272

Trolley dimensions

Length code	TS	BUF
D/E	494	924
F/G	522	1239

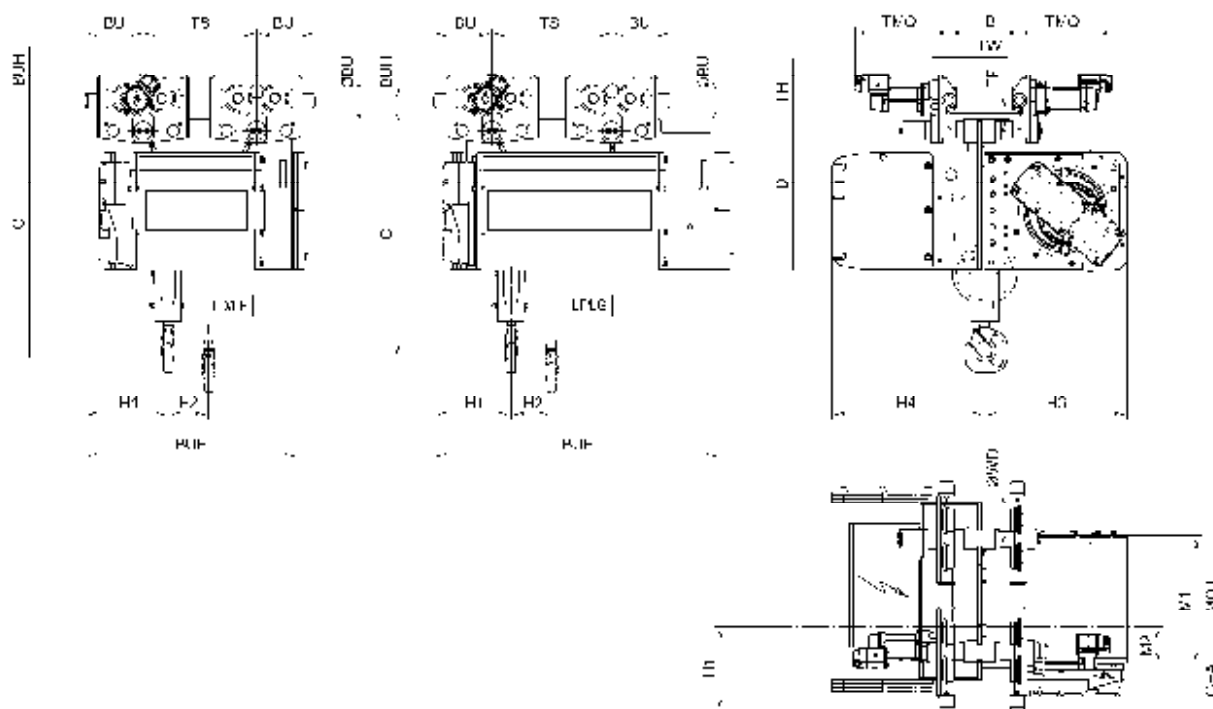
Note: All dimensions in mm.

Note: Weight calculated with P6 motor, when B=300 mm.

Note: Motor S7 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 02



D00214-A

57 NORMAL HEADROOM HOIST VT3, REEVING: 02, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
18	D	558	389	176	625	645	667	810
24	E	678	389	235	625	645	667	870
32	F	828	389	309	625	645	667	940
40	G	1018	389	403	625	645	667	1000

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	M2	TD	TF	TH
90	350	1230	63	100	253	40	143	154	850	42	150
TW											
31											

D004135_A

062273

Trolley dimensions

Length code	TS	BUF
D/E	520	957
F/G	640	1297

Track radius

B	R min
90 - 109	2500
110 - 119	2000
120 - 350	1500

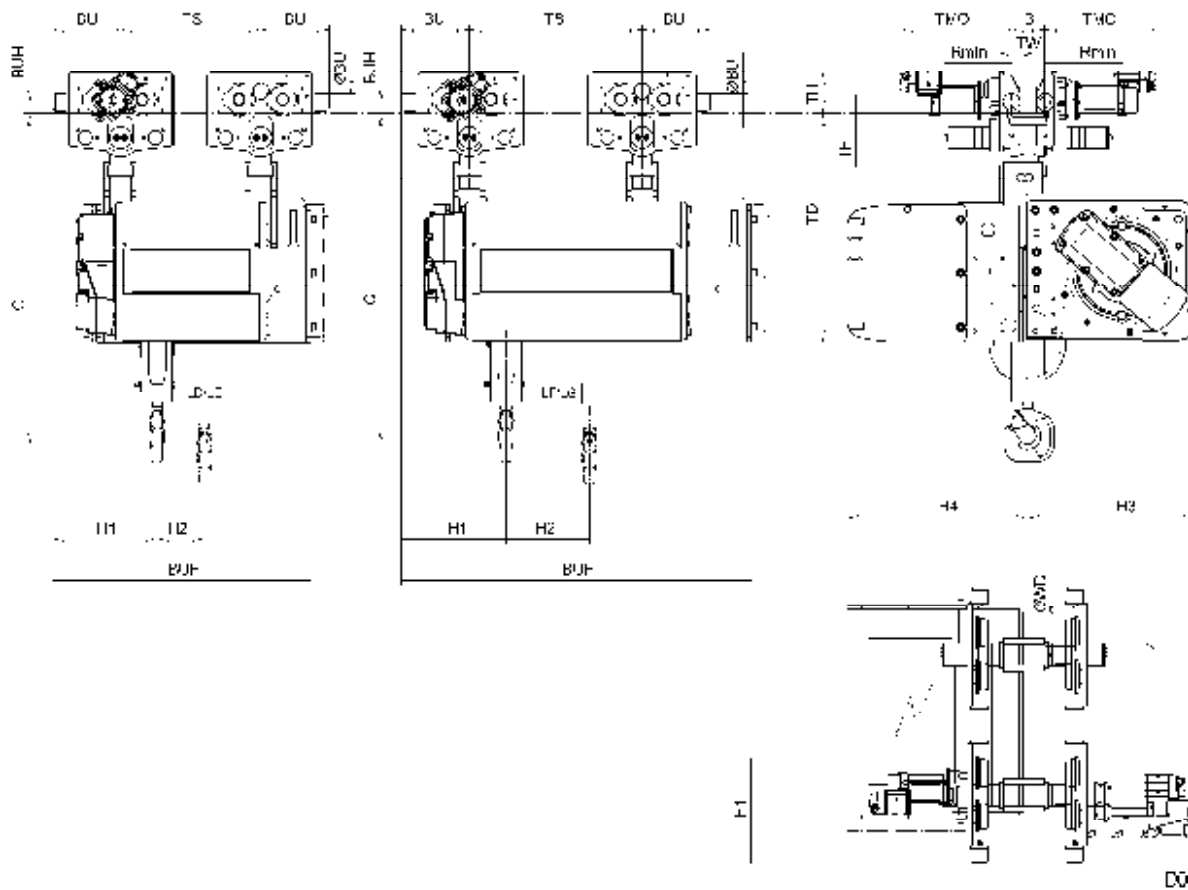
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Motor S7 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 02, Curved Track



D004135-A

58 NORMAL HEADROOM HOIST VT3, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
9	D	558	441	88	649	669	643	790
12	E	678	441	118	649	669	643	850
16	F	828	416	156	649	669	643	930
20	G	1018	416	204	649	669	643	990

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	M2	TD	TF	TH
80	610	1024	63	100	253	40	143	238	700	40	150
TW											
31											

D002120_A

062274

Trolley dimensions

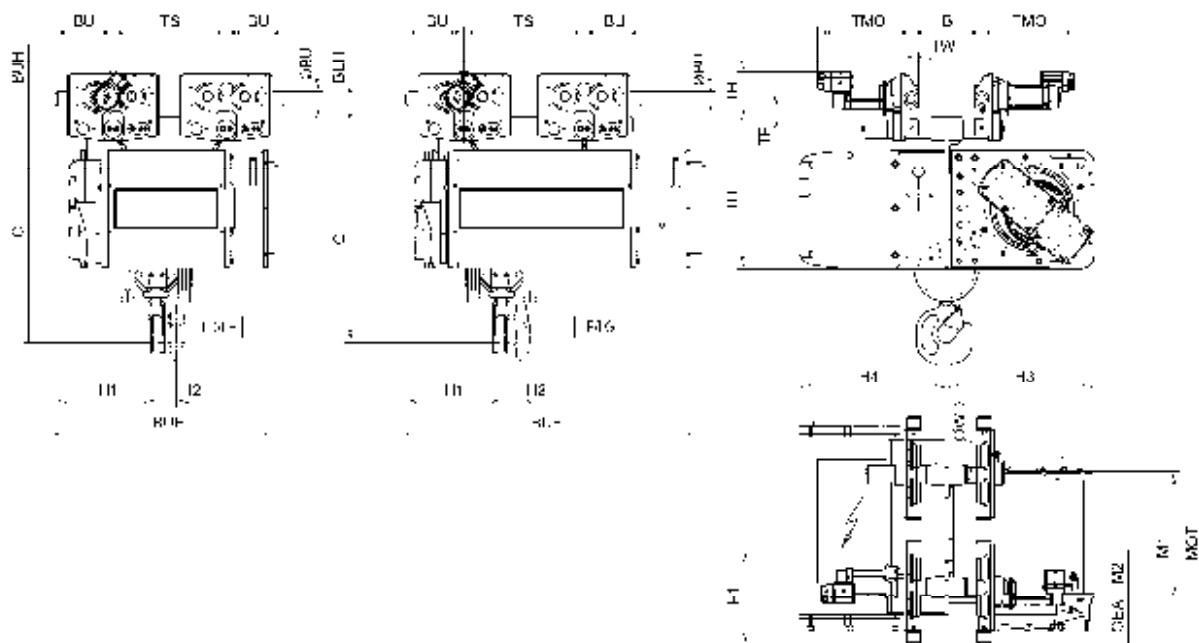
Length code	TS	BUF
D/E	494	924
F/G	522	1239

Note: All dimensions in mm.

Note: Weight calculated with P6 motor, when B=300 mm.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 04



D002120-A

59 NORMAL HEADROOM HOIST VT3, REEVING: 04, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
9	D	558	473	88	649	669	643	880
12	E	678	473	118	649	669	643	930
16	F	828	473	156	649	669	643	1000
20	G	1018	473	204	649	669	643	1090

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	M2	TD	TF	TH
90	350	1170	63	100	253	40	143	238	850	42	150
TW											
31											

D004136_A

062275

Trolley dimensions

Length code	TS	BUF
D/E	520	957
F/G	640	1297

Track radius

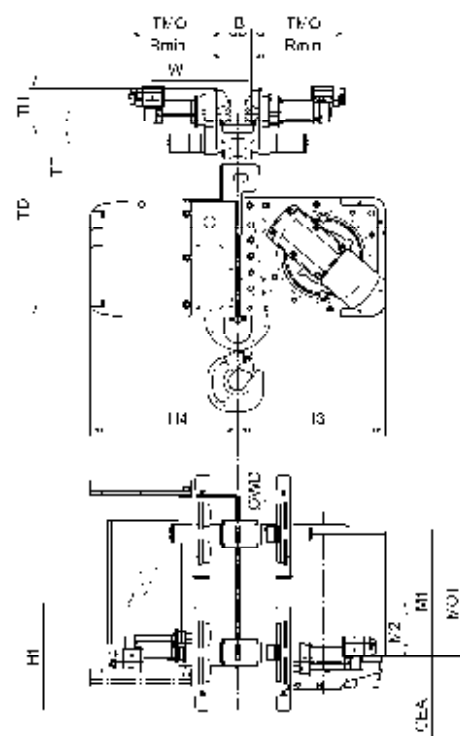
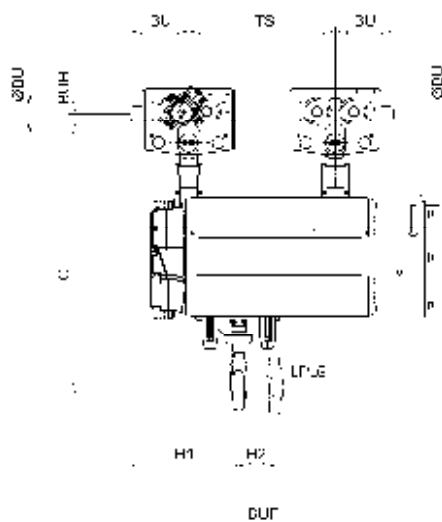
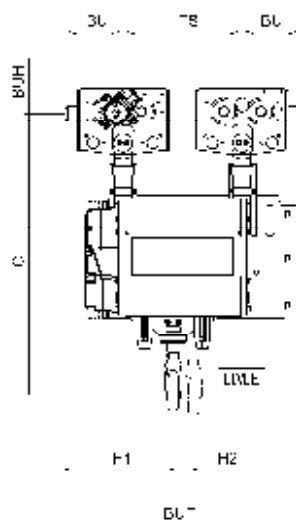
B	R min
90 - 109	2500
110 - 119	2000
120 - 350	1500

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 04, Curved Track



D004136-A

60 NORMAL HEADROOM HOIST VT3, REEVING: 06

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
6	D	558	556	53	605	625	612	1030
8	E	678	556	78	605	625	612	1050
10	F	828	596	98	605	625	612	1140
13	G	1018	596	132	605	625	612	1195

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	M2	TD	TF	TH
110	610	1413	63	125	288	40	143	33	716	40	170
TW											
41.5											

D007206_A

124578

Trolley dimensions

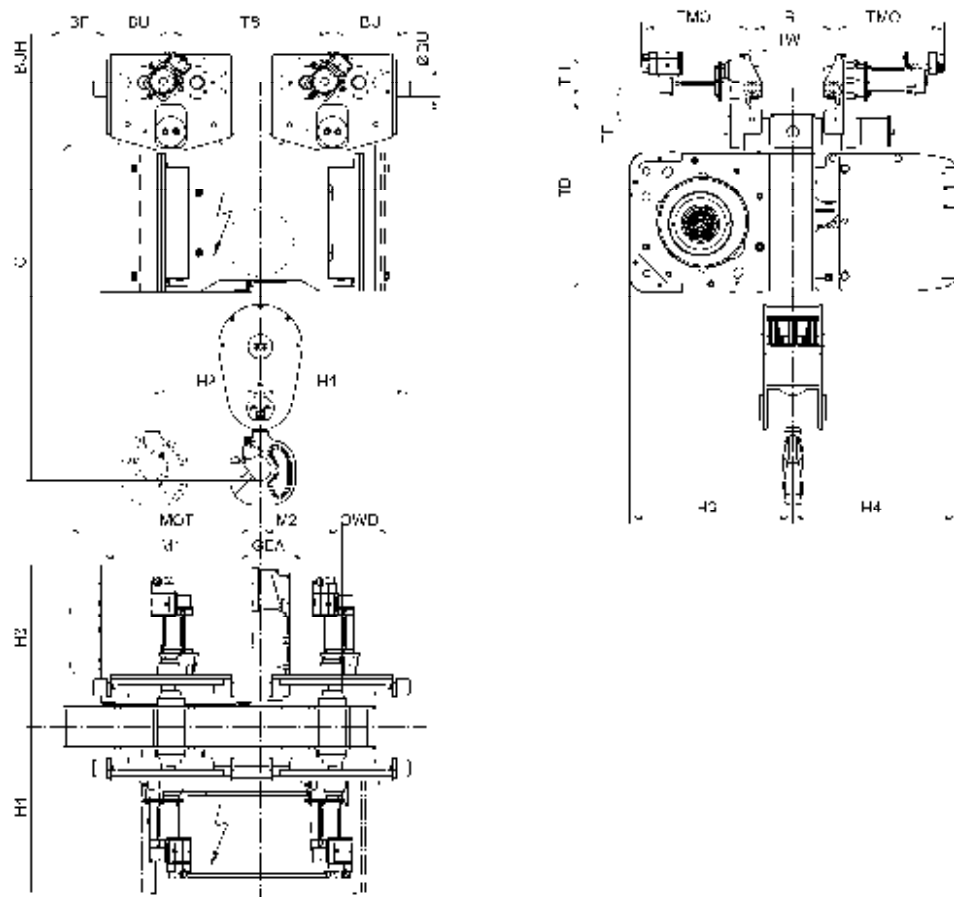
Length code	BF	TS
D/E	110	600
F/G	370	720

Note: All dimensions in mm.

Note: Weight calculated with P5 motor, when B=300 mm

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 06



D007206-A

61 NORMAL HEADROOM HOIST VT3, REEVING: 06, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
6	D	558	556	53	605	625	612	1110
8	E	678	556	78	605	625	612	1155
10	F	828	596	98	605	625	612	1245
13	G	1018	596	132	605	625	612	1300

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	R min	BU	BUH	GEA	M2	TD	TF
120	300	1568	63	125	2500	288	40	143	33	871	39.5
TH	TW										
170	41.5										

D007207_A

124579

Trolley dimensions

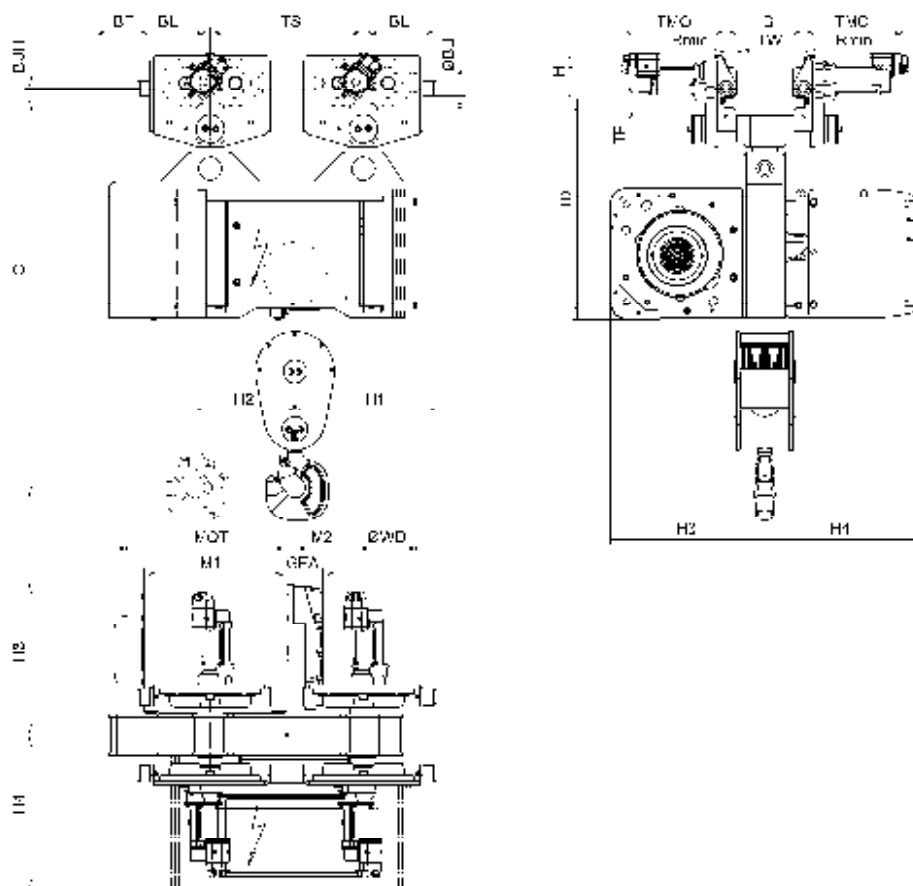
Length code	BF	TS
D/E	110	600
F/G	370	720

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 06, Curved Track



D007207-A

62 NORMAL HEADROOM HOIST VT3, REEVING: 08

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
4.5	D	558	556	44	605	625	612	1040
6	E	678	556	53	605	625	612	1060
8	F	828	596	76	605	625	612	1150
10	G	1018	596	98	605	625	612	1210

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	M2	TD	TF	TH
110	610	1413	63	125	288	40	143	33	716	39.5	170
TW											
41.5											

D007208_A

124580

Trolley dimensions

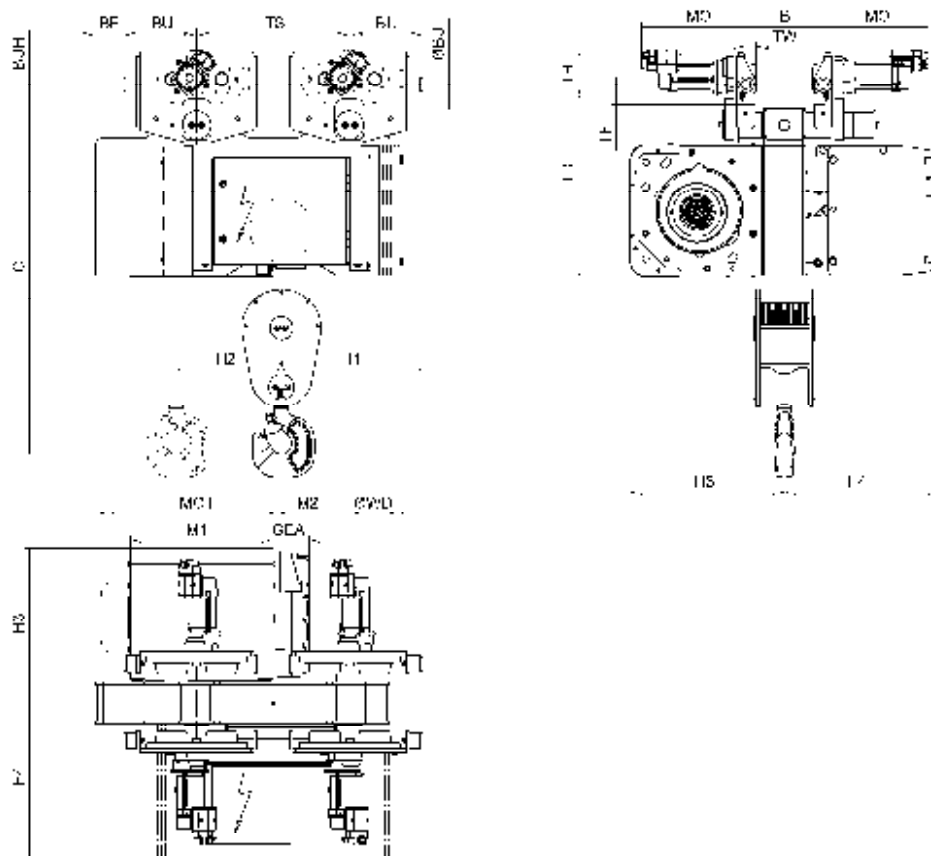
Length code	BF	TS
D/E	110	600
F/G	370	720

Note: All dimensions in mm.

Note: Weight calculated with P5 motor, when B=300 mm.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 08



D0072C8-A

63 NORMAL HEADROOM HOIST VT3, REEVING: 08, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	H1 mm	H2 mm	H3 mm	H3* mm	H4 mm	Weight kg
4.5	D	558	556	44	605	625	612	1120
6	E	678	556	53	605	625	612	1170
8	F	828	596	76	605	625	612	1260
10	G	1018	596	98	605	625	612	1315

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	R min	BU	BUH	GEA	M2	TD	TF
120	300	1568	63	125	2500	288	40	143	33	716	39.5
TH	TW										
170	41.5										

D007209_A

124581

Trolley dimensions

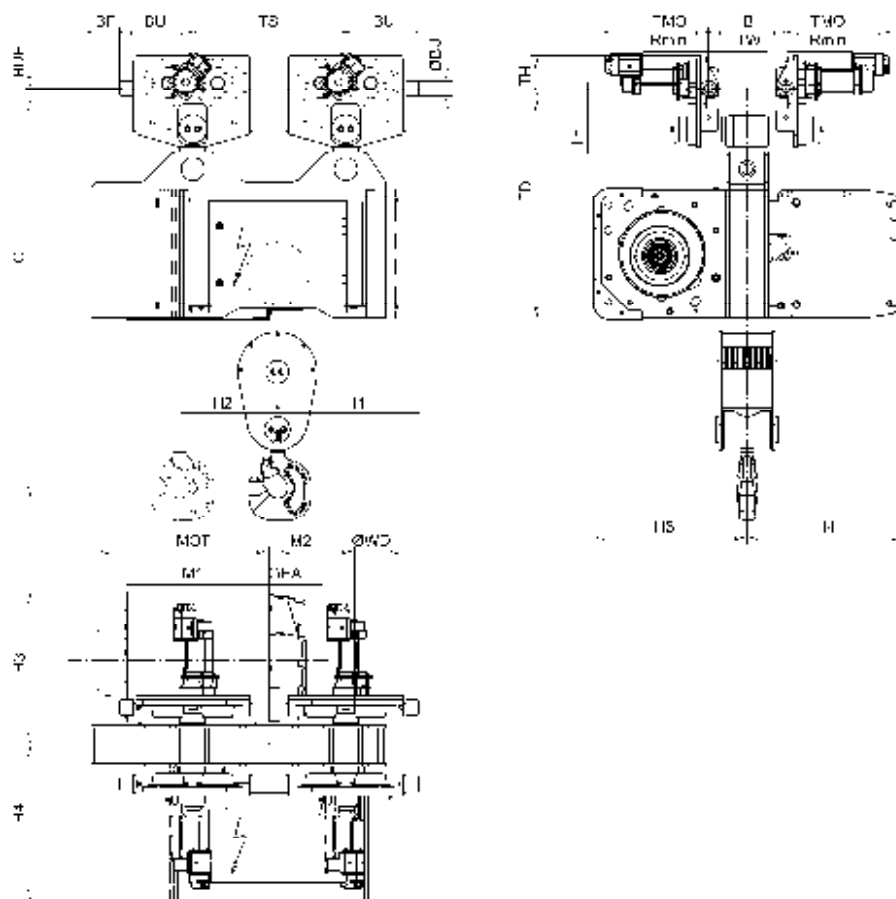
Length code	BF	TS
D/E	110	600
F/G	370	720

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 08, Curved Track



D0072C9-A

64 NORMAL HEADROOM HOIST VT3, REEVING: 22

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
8.5	D	558	279	-	553	595	615	602	870
13	E	678	339	-	553	595	615	602	890
18	F	828	414	-	553	595	615	602	940
25	G	1018	509	-	753	595	615	602	1085
33.5	H	1268	634	128	753	595	615	602	1160
46	J	1618	809	128	753	595	615	602	1245

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	TD	TF	TH	TW
90	610	1200	63	100	253	40	143	676	35	150	33

D007219_A

124936

Trolley dimensions

Length code	BF	TS
D/E/F	113	300
G/H/J	-77	500

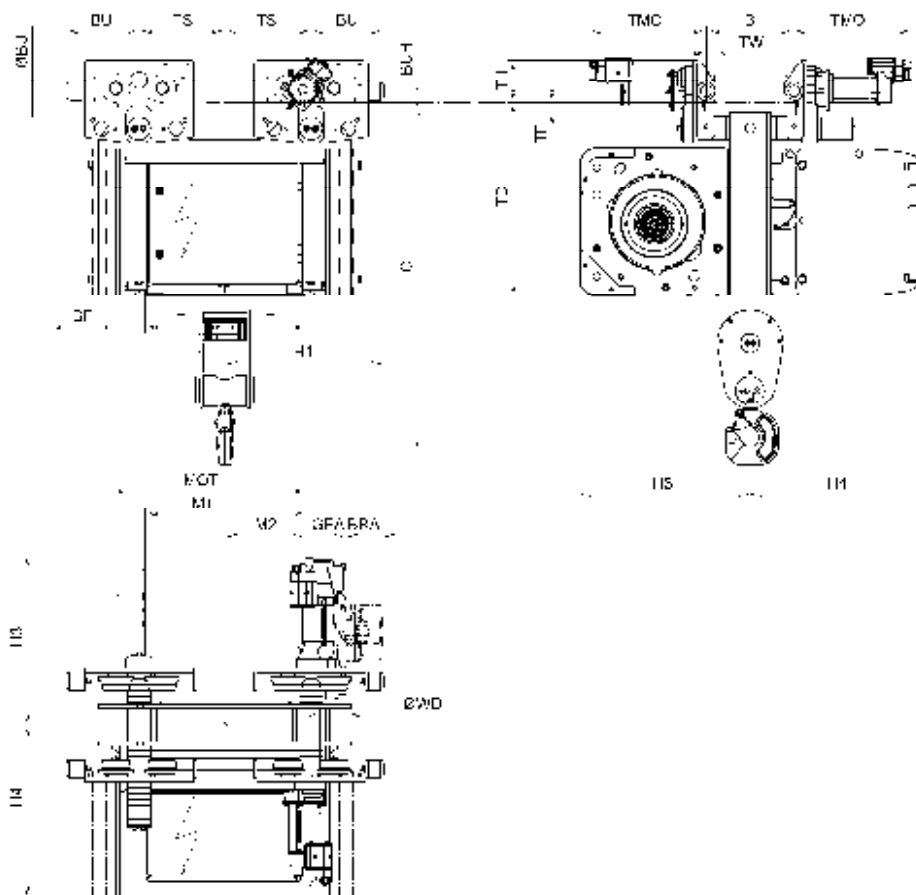
Note: All dimensions in mm.

Note: Weight calculated with P5, when B=300 mm.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 22



DCC7219-A

65 NORMAL HEADROOM HOIST VT3, REEVING: 22, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
8.5	D	558	279	-	553	595	615	602	890
13	E	678	339	-	553	595	615	602	945
18	F	828	414	-	553	595	615	602	1000
25	G	1018	509	-	753	595	615	602	1145
33.5	H	1268	634	128	753	595	615	602	1215
46	J	1618	809	128	753	595	615	602	1330

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	TD	TF	TH	TW
90	350	1353	63	100	253	40	143	829	42	150	30.5

D007220_A

124937

Track radius

B	R min
90 - 109	2500
110 - 119	2000
120 - 350	1500

Trolley dimensions

Length code	BF	TS
D/E/F	113	300
G/H/J	-77	500

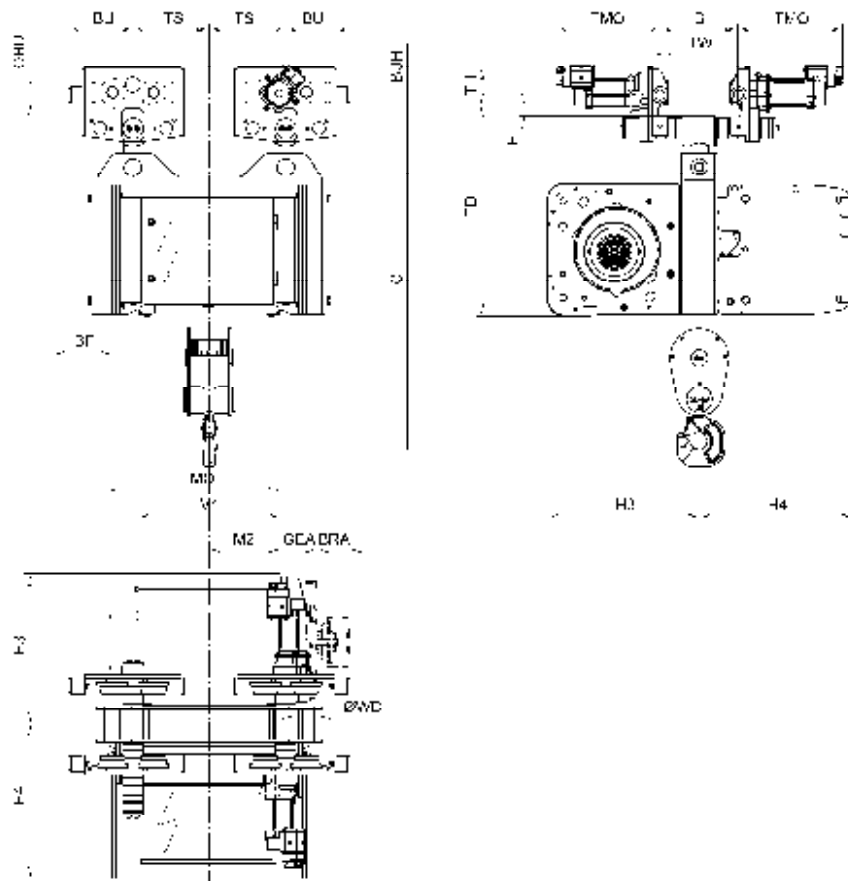
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 22, Curved Track



2007220-A

66 NORMAL HEADROOM HOIST VT3, REEVING: 24

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
4	D	558	279	-	553	595	615	602	950
6.5	E	678	339	-	553	595	615	602	970
9	F	828	414	-	553	595	615	602	1020
12.5	G	1018	509	-	753	595	615	602	1165
16.5	H	1268	634	128	753	595	615	602	1240
23	J	1618	809	128	753	595	615	602	1325

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	TD	TF	TH	TW
90	610	1365	63	100	253	40	143	676	35	150	31

D007221_A

124938

Trolley dimensions

Length code	BF	TS
D/E/F	113	300
G/H/J	-77	500

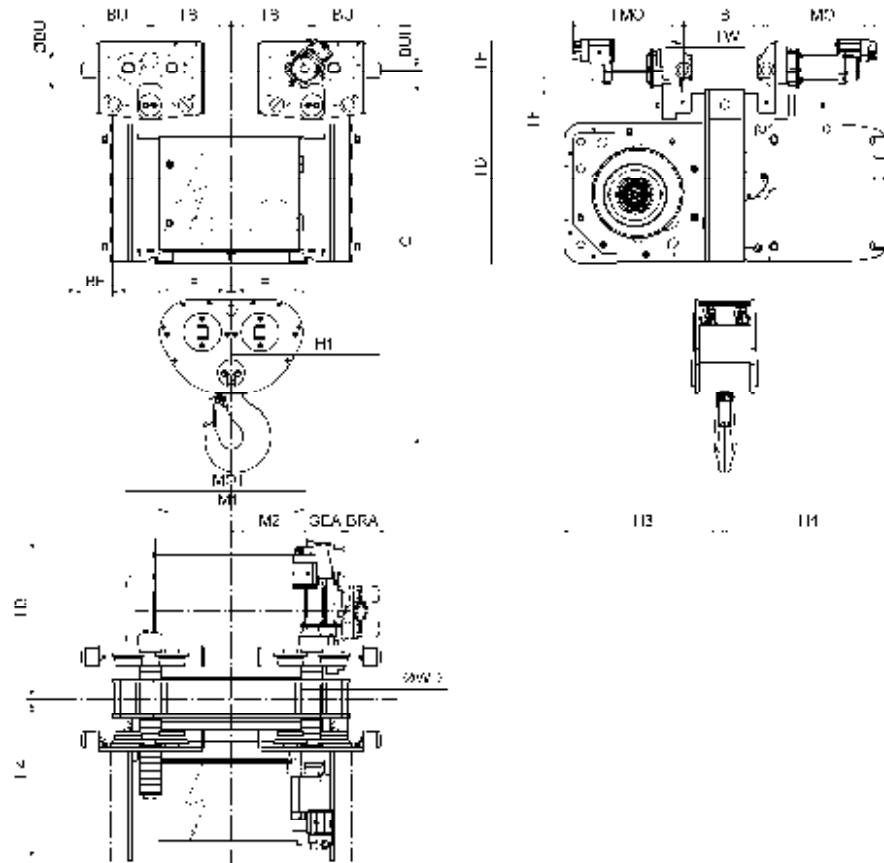
Note: All dimensions in mm.

Note: Weight calculated with P5 motor, when B=300 mm.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 24



330722'-A

67 NORMAL HEADROOM HOIST VT3, REEVING: 24, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
4	D	558	279	-	553	595	615	602	980
6.5	E	678	339	-	553	595	615	602	1025
9	F	828	414	-	553	595	615	602	1075
12.5	G	1018	509	-	753	595	615	602	1220
16.5	H	1268	634	128	753	595	615	602	1295
23	J	1618	809	128	753	595	615	602	1405

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	TD	TF	TH	TW
90	350	1518	63	100	253	40	143	829	42	150	31

D007222_A

124939

Track radius

B	R min
90 - 109	2500
110 - 119	2000
120 - 350	1500

Trolley dimensions

Length code	BF	TS
D/E/F	113	300
G/H/J	-77	500

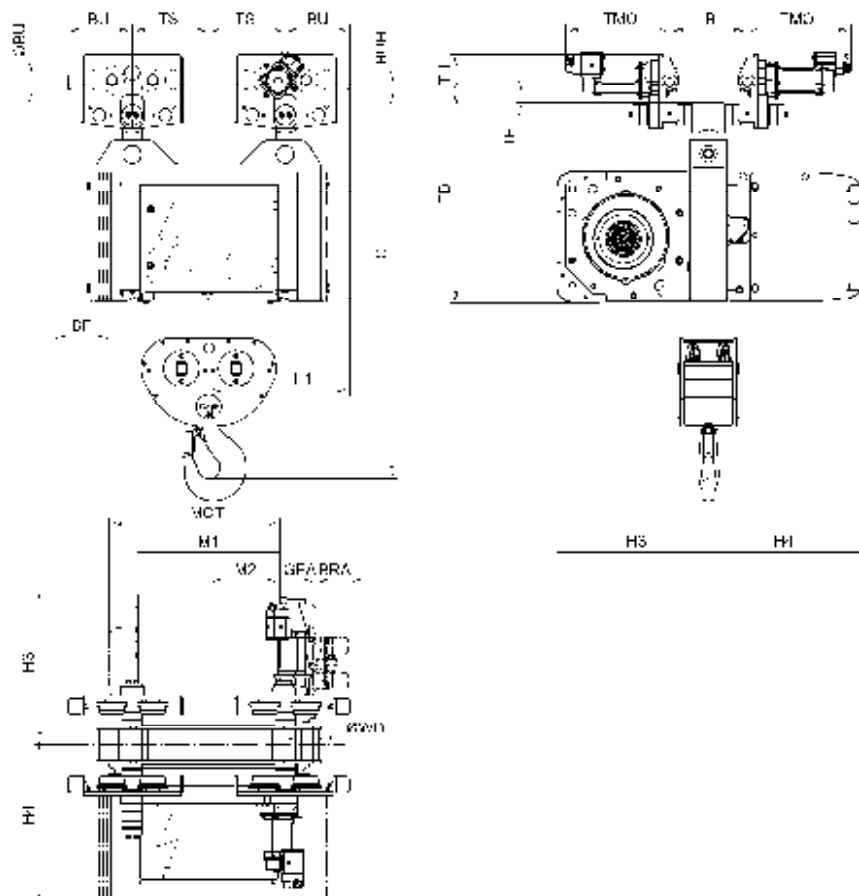
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 24, Curved Track



D007222-A

68 NORMAL HEADROOM HOIST VT3, REEVING: 26

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
4	E	678	339	-	588	595	615	602	990
6	F	828	414	-	588	595	615	602	1010
8	G	1018	509	-	788	595	615	602	1060
11	H	1268	634	128	788	595	615	602	1205
15	J	1618	809	128	788	595	615	602	1280

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	TD	TF	TH	TW
100	610	1408	63	125	288	40	143	716	40	170	41.5

D007223_A
124940

Trolley dimensions

Length code	BF	TS
E/F	148	300
G/H/J	-42	500

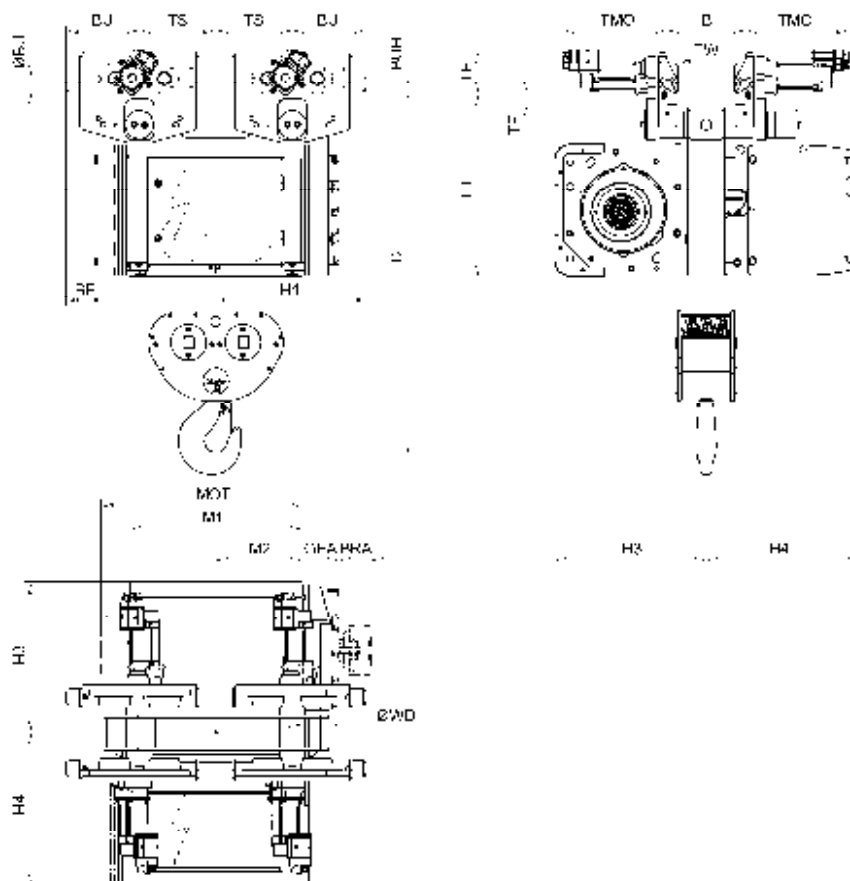
Note: All dimensions in mm.

Note: Weight calculated with P5 motor, when B=300 mm.

Note: gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 26



D007223-A

69 NORMAL HEADROOM HOIST VT3, REEVING: 26, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
4	E	678	339	-	588	595	615	602	1115
6	F	828	414	-	588	595	615	602	1165
8	G	1018	509	-	788	595	615	602	1310
11	H	1268	634	128	788	595	615	602	1385
15	J	1618	809	128	788	595	615	602	1495

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	R min	BU	BUH	GEA	TD	TF	TH
120	300	1563	63	125	2500	288	40	143	871	40	170
TW											
41.5											

D007224_A
124941

Trolley dimensions

Length code	BF	TS
E/F	148	300
G/H/J	-42	500

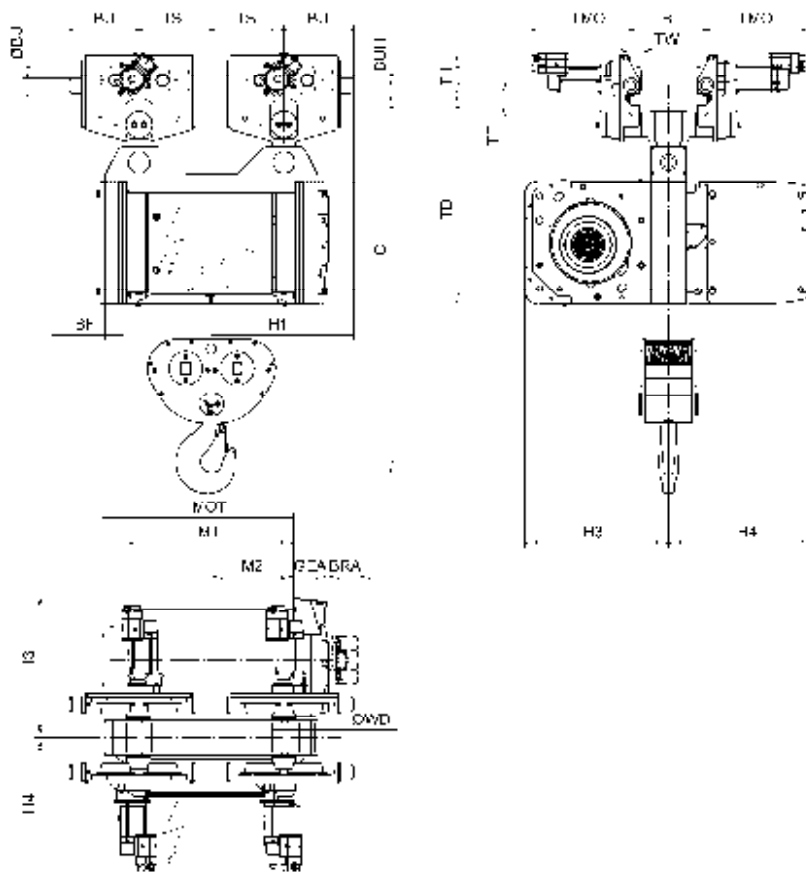
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 26, Curved Track



D007224-A

70 NORMAL HEADROOM HOIST VT3, REEVING: 28

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
4.5	F	828	414	-	588	595	615	602	1075
6	G	1018	509	-	788	595	615	602	1220
8	H	1268	634	128	788	595	615	602	1295
11.5	J	1618	809	128	788	595	615	602	1380

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	BU	BUH	GEA	TD	TF	TH	TW
100	610	1408	63	125	288	40	143	716	40	170	41.5

D007225_A

124942

Trolley dimensions

Length code	BF	TS
F	148	300
G/H/J	-42	500

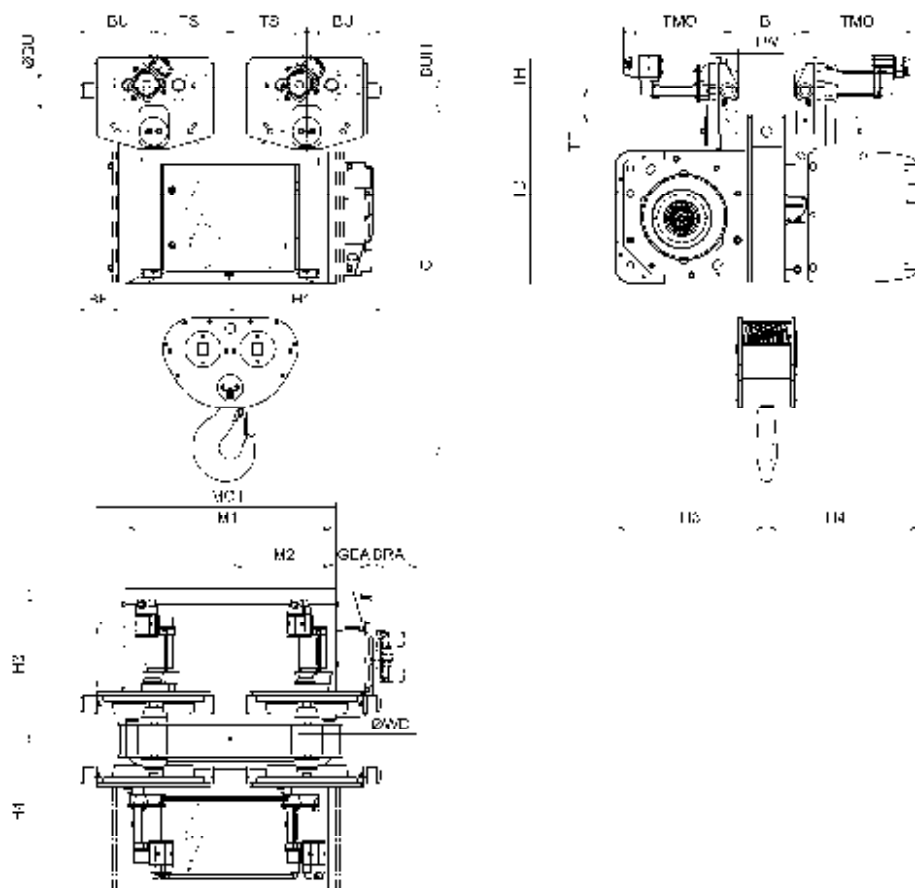
Note: All dimensions in mm.

Note: Weight calculated with P5 motor, when B=300 mm.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 28



D007225-A

71 NORMAL HEADROOM HOIST VT3, REEVING: 28, CURVED TRACK

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	BRA mm	H1 mm	H3 mm	H3* mm	H4 mm	Weight kg
4.5	F	828	414	-	588	595	615	602	1180
6	G	1018	509	-	788	595	615	602	1325
8	H	1268	634	128	788	595	615	602	1400
11.5	J	1618	809	128	788	595	615	602	1510

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Travelling dimensions

Motor	MF06MA	MF06LA
TMO (mm)	360	400
Weight (kg)	5.7	7.8

Trolley dimensions

B min	B max	C	ØBU	ØWD	R min	BU	BUH	GEA	TD	TF	TH
120	300	1563	63	125	2500	288	40	143	871	40	170
TW											
41.5											

D007226_A

124943

Trolley dimensions

Length code	BF	TS
F	148	300
G/H/J	-42	500

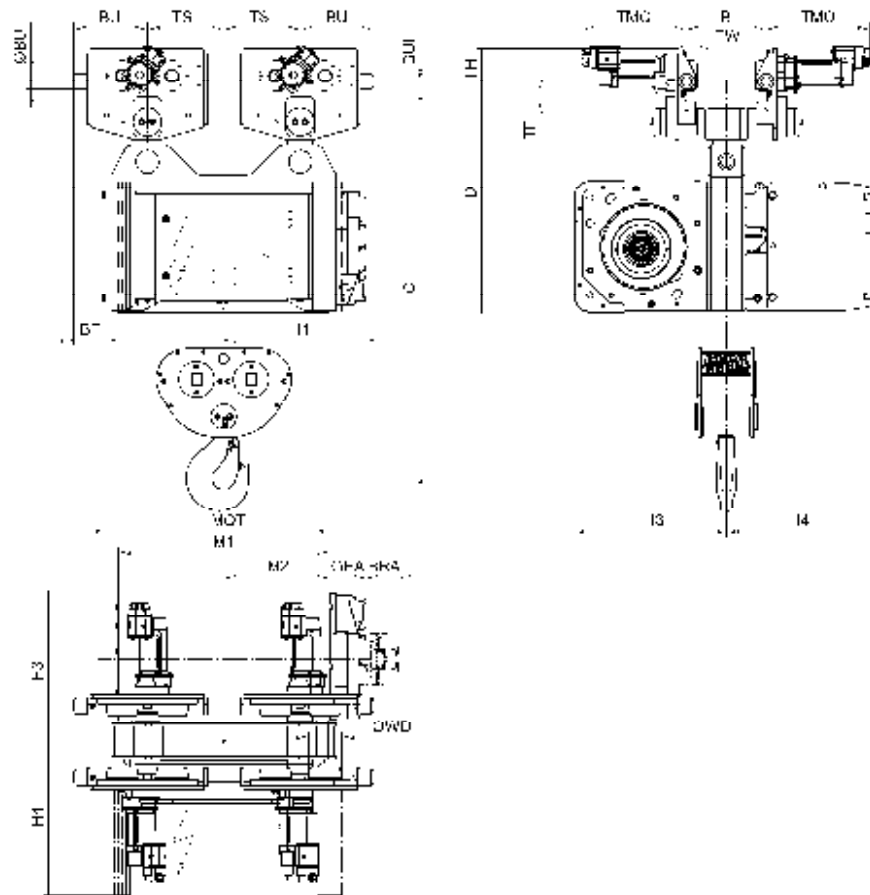
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Normal Headroom Hoist VT3, REEVING: 28, Curved Track



CGJ722E-A

72 NORMAL HEADROOM HOIST VT4, REEVING: 02

Hoist dimensions

HOL	HOL*	Length Code	E11	M1	M2	TS	BF	H1	H2	H3	H4	Weight A**	Weight B**
m	m		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
15.5	10	C	605	462	610	1310	88	838	139	871	756	2000	2200
21	15.5	D	605	562	610	1310	88	838	188	871	756	2000	2300
28	22.5	E	605	682	560	1540	88	788	251	871	756	2200	2400
36	30.5	F	605	832	560	1540	88	788	322	871	756	2300	2500
47	41.5	G	605	1022	640	2050	88	868	421	871	756	2500	2700
61	55.5	H	605	1272	640	2050	88	868	546	871	756	2700	2900
80.5	75	J	1064	1622	600	1910	-371	828	721	871	756	3100	3400
97	91.5	K	1064	1922	600	1910	-371	828	868	871	756	3300	3600

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E1	E2
120	610	180	320	1752	63	125	2500	288	40	605	959
E3	GEA	M3	TD	TF	TH	TW					
126	218	44	998	35	170	41.5					

D006985_A
103527

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

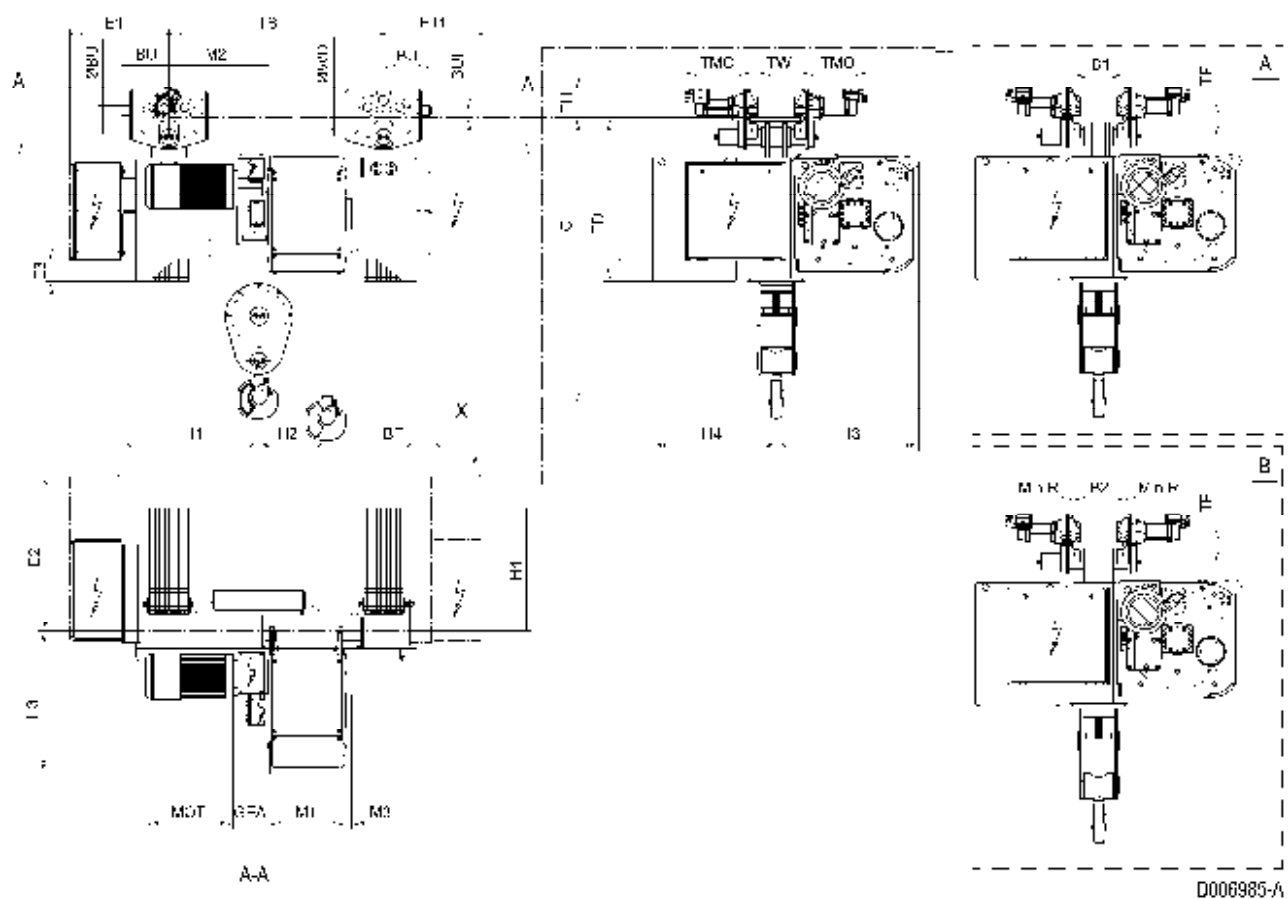
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 02

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



73 NORMAL HEADROOM HOIST VT4, REEVING: 04

Hoist dimensions

HOL	HOL*	Length Code	E11	M1	M2	TS	BF	H1	H2	H3	H4	Weight A**	Weight B**
m	m		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
7.5	4.5	C	605	462	610	1310	165	915	69	871	756	2300	2500
10.5	7.5	D	605	562	610	1310	165	915	94	871	756	2300	2600
14	11	E	1085	682	560	1060	-315	865	125	871	756	2500	2700
18	15	F	1085	832	560	1060	-315	865	161	871	756	2600	2800
23.5	20.5	G	1255	1022	640	1400	-485	945	210	871	756	2800	3000
30.5	27.5	H	1255	1272	640	1400	-485	945	273	871	756	3000	3200
40	37	J	1574	1622	600	1400	-804	905	360	871	756	3400	3600
48.5	45.5	K	1574	1922	600	1400	-804	905	434	871	756	3600	3900

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	431
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E1	E2
130	610	180	320	1762	80	180	4000	365	53	605	959
E3	GEA	M3	TD	TF	TH	TW					
126	218	44	1008	45	208	53					

D006986_A
103528

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

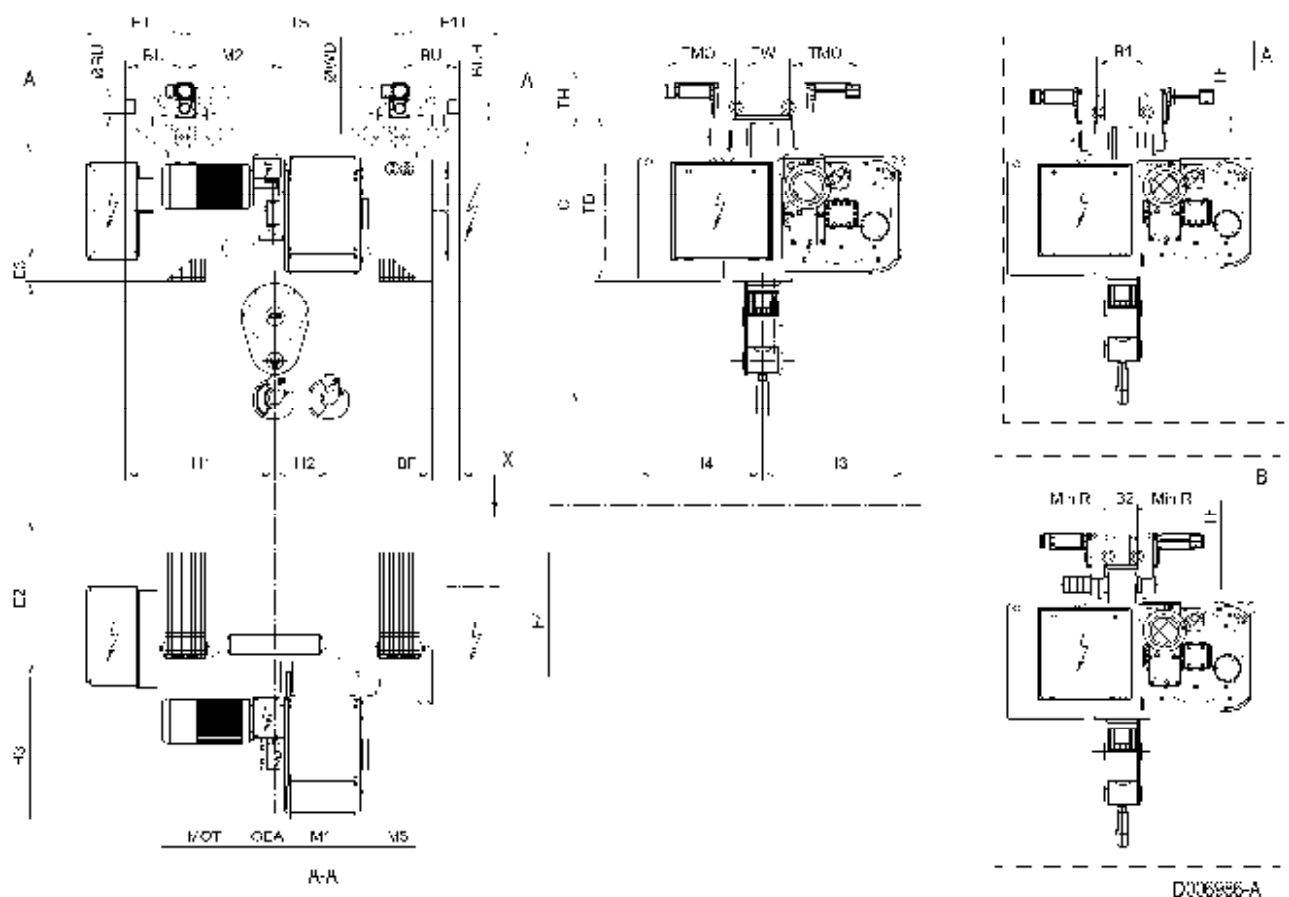
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 04

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



74 NORMAL HEADROOM HOIST VT4, REEVING: 06

Hoist dimensions

HOL	HOL*	Length Code	E11	M1	M2	TS	BF	H1	H2	H3	H4	Weight A**	Weight B**
m	m		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
5	3	C	605	462	610	1310	165	915	46	871	756	2400	2600
7	5	D	605	562	610	1310	165	915	63	871	756	2400	2700
9	7	E	1085	682	560	1060	-315	865	84	871	756	2600	2800
12	10	F	1085	832	560	1060	-315	865	107	871	756	2700	2900
15.5	13.5	G	1255	1022	640	1400	-485	945	140	871	756	2900	3100
20	18	H	1255	1272	640	1400	-485	945	182	871	756	3100	3300
26.5	24.5	J	1574	1622	600	1400	-804	905	240	871	756	3500	3700
32	30	K	1574	1922	600	1400	-804	905	289	871	756	3700	4000

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	431
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E1	E2
130	610	180	320	1881	80	180	4000	365	53	605	959
E3	GEA	M3	TD	TF	TH	TW					
126	218	44	1008	45	208	53					

D006987_A
103529

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

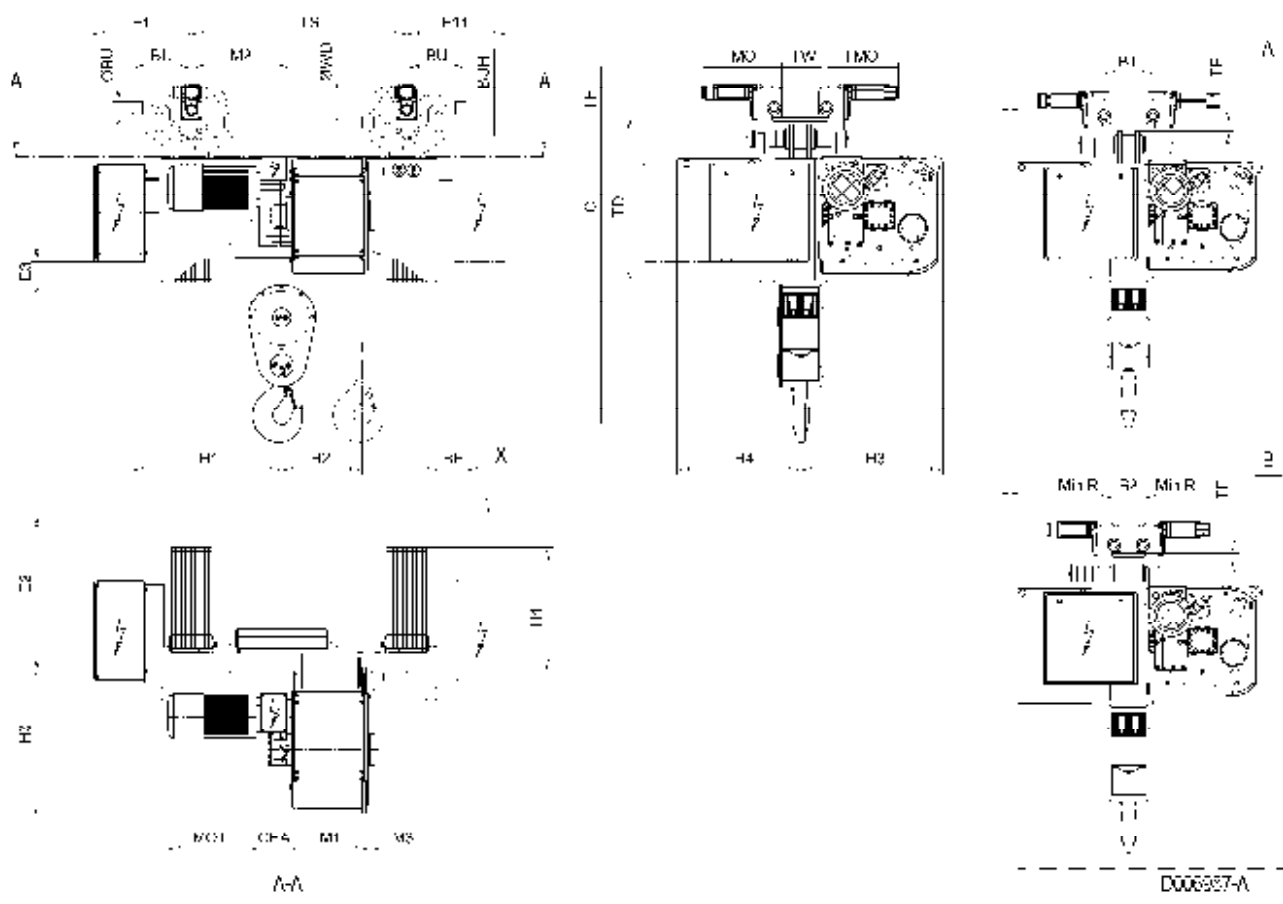
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 06

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



75 NORMAL HEADROOM HOIST VT4, REEVING: 22

Hoist dimensions

HOL	HOL*	Length	E1	M1	M2	H3	H4	TS	BF	Weight A**	Weight B**
m	m	code	mm	mm	mm	mm	mm	mm	mm	kg	kg
15	8.5	E	605	682	314	848	733	655	93	2000	2200
21	14.5	F	605	832	239	848	733	655	93	2100	2300
28.5	22	G	605	1022	144	848	733	655	93	2300	2500
38	31.5	H	605	1272	319	848	733	955	93	2500	2800
51.5	45	J	605	1622	144	848	733	955	93	2800	3100
63.5	57	K	925	1922	-306	848	733	655	-227	3000	3300
77	70.5	L	925	2272	-481	848	733	655	-227	3300	3600
87	80.5	M	900	2522	-306	848	733	955	-202	3600	4000
98.5	92	N	900	2822	-456	848	733	955	-202	3800	4300

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E2	E3
120	610	180	320	1667	63	125	2500	288	40	979	126
GEA	M3	TD	TF	TH	TW						
218	44	998	35	170	41.5						

D006895_A

101302

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

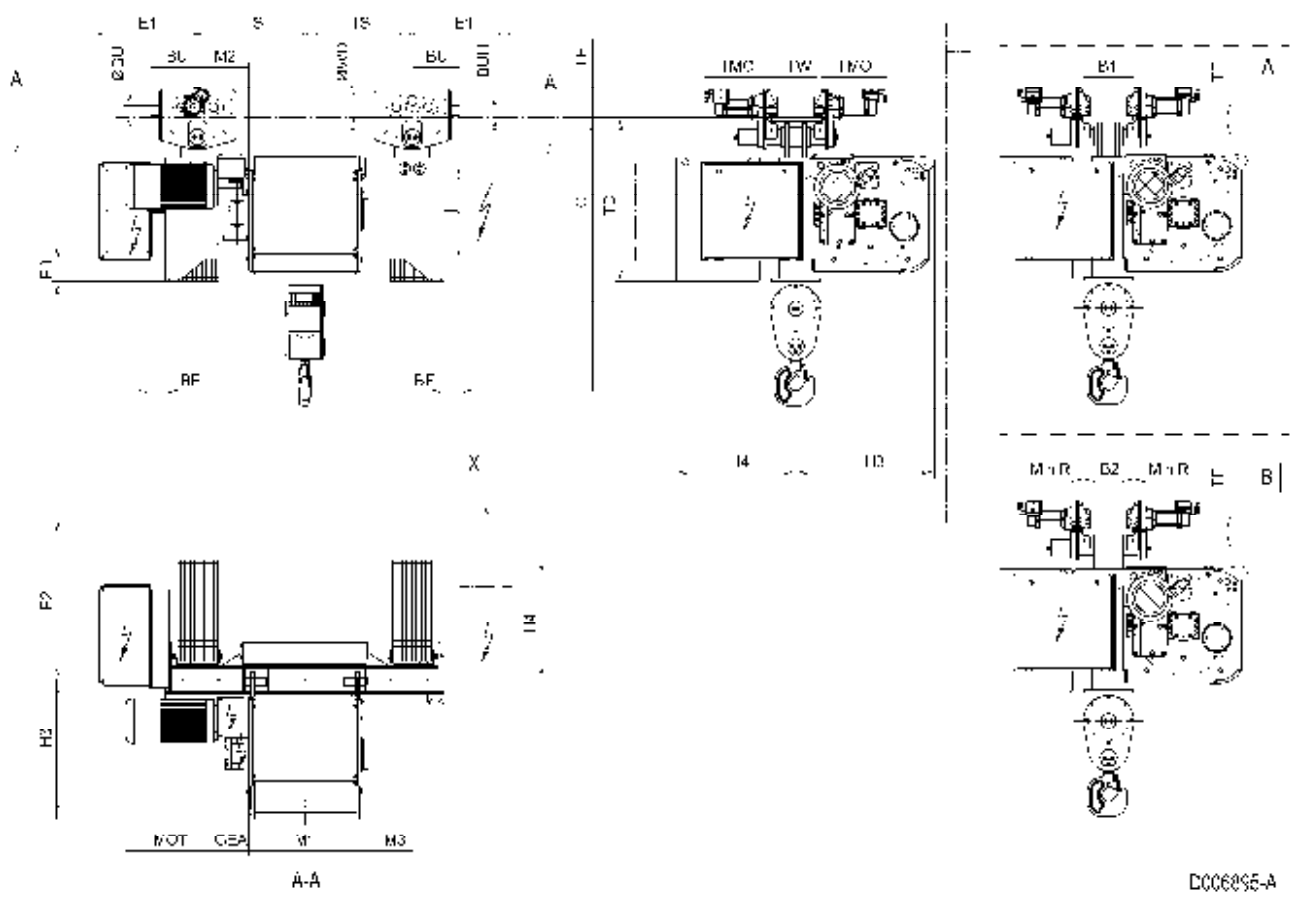
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 22

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



76 NORMAL HEADROOM HOIST VT4, REEVING: 24

Hoist dimensions

HOL	HOL*	Length code	E1	M1	M2	H3	H4	TS	BF	Weight A**	Weight B**
m	m		mm	mm	mm	mm	mm	mm	mm	kg	kg
7.5	N/A	E	605	682	314	848	733	655	93	2100	2300
10.5	7.5	F	605	832	239	848	733	655	93	2200	2400
14	11	G	605	1022	144	848	733	655	93	2400	2600
19	16	H	605	1272	319	848	733	955	93	2600	2900
25.5	22.5	J	605	1622	144	848	733	955	93	2900	3100
31.5	28.5	K	925	1922	-306	848	733	655	-227	3100	3400
38.5	35.5	L	925	2272	-481	848	733	655	-227	3400	3700
43.5	40.5	M	900	2522	-306	848	733	955	-202	3700	4100
49	46	N	900	2822	-456	848	733	955	-202	3900	4300

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	400
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E2	E3
120	610	180	320	1975	63	125	2500	288	40	979	126
GEA	M3	TD	TF	TH	TW						
218	44	998	35	170	41.5						

D006896_A

101303

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

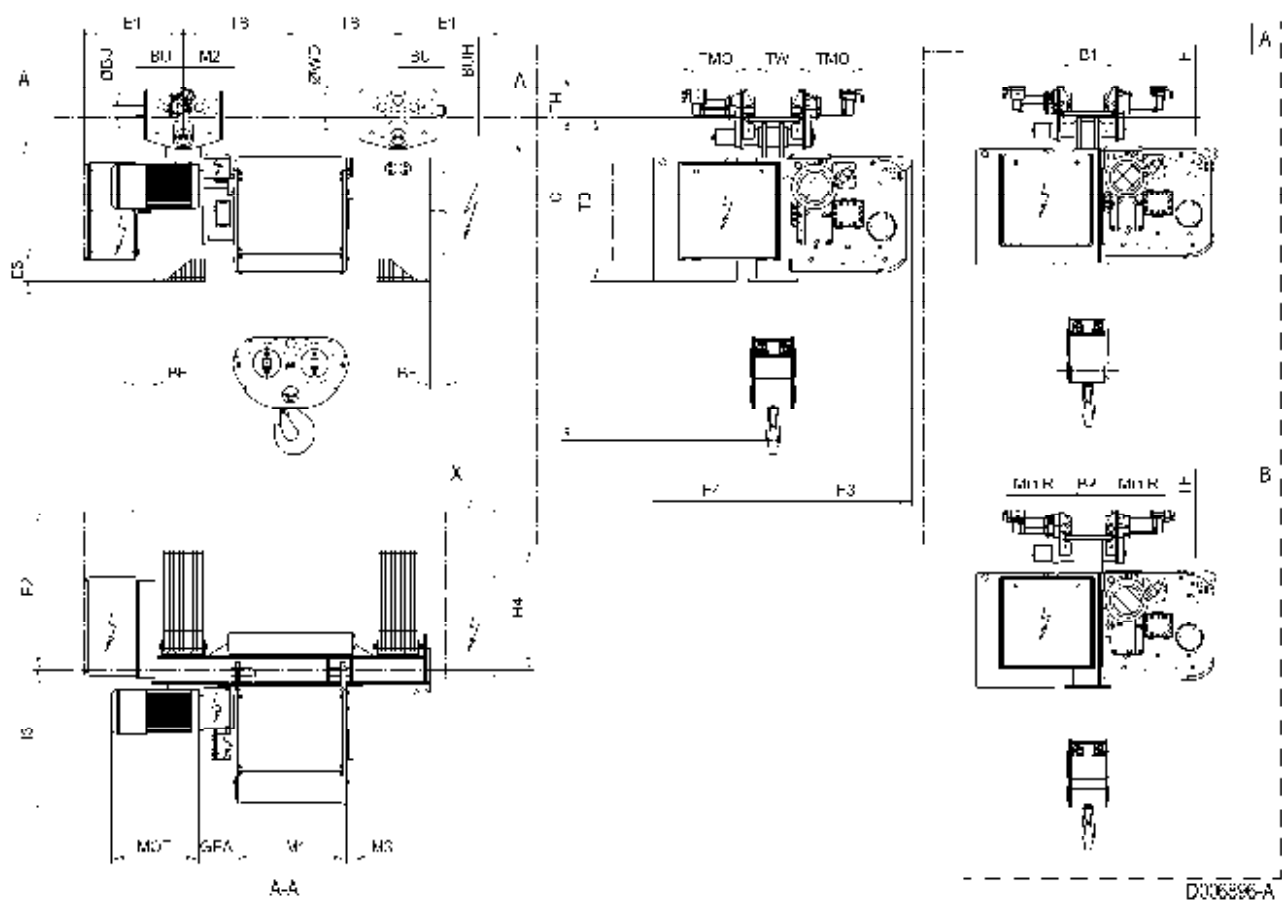
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 24

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



77 NORMAL HEADROOM HOIST VT4, REEVING: 26

Hoist dimensions

HOL	HOL*	Length Code	E1	M1	M2	H3	H4	TS	BF	Weight A**	Weight B**
m	m		mm	mm	mm	mm	mm	mm	mm	kg	kg
5	N/A	E	605	682	314	848	733	655	170	2400	2600
7	5	F	605	832	239	848	733	655	170	2500	2700
9.5	7.5	G	605	1022	144	848	733	655	170	2700	2900
12.5	10.5	H	605	1272	319	848	733	955	170	2900	3200
17	15	J	605	1622	144	848	733	955	170	3200	3500
21	19	K	925	1922	-306	848	733	655	-150	3400	3700
25.5	23.5	L	925	2272	-481	848	733	655	-150	3700	4000
28.5	26.5	M	900	2522	-306	848	733	955	-125	4000	4400
32.5	30.5	N	900	2822	-456	848	733	955	-125	4200	4700

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	431
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E2	E3
130	610	180	320	2086	80	180	4000	365	53	979	126
GEA	M3	TD	TF	TH	TW						
218	44	1008	45	208	53						

D006897_A

101304

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

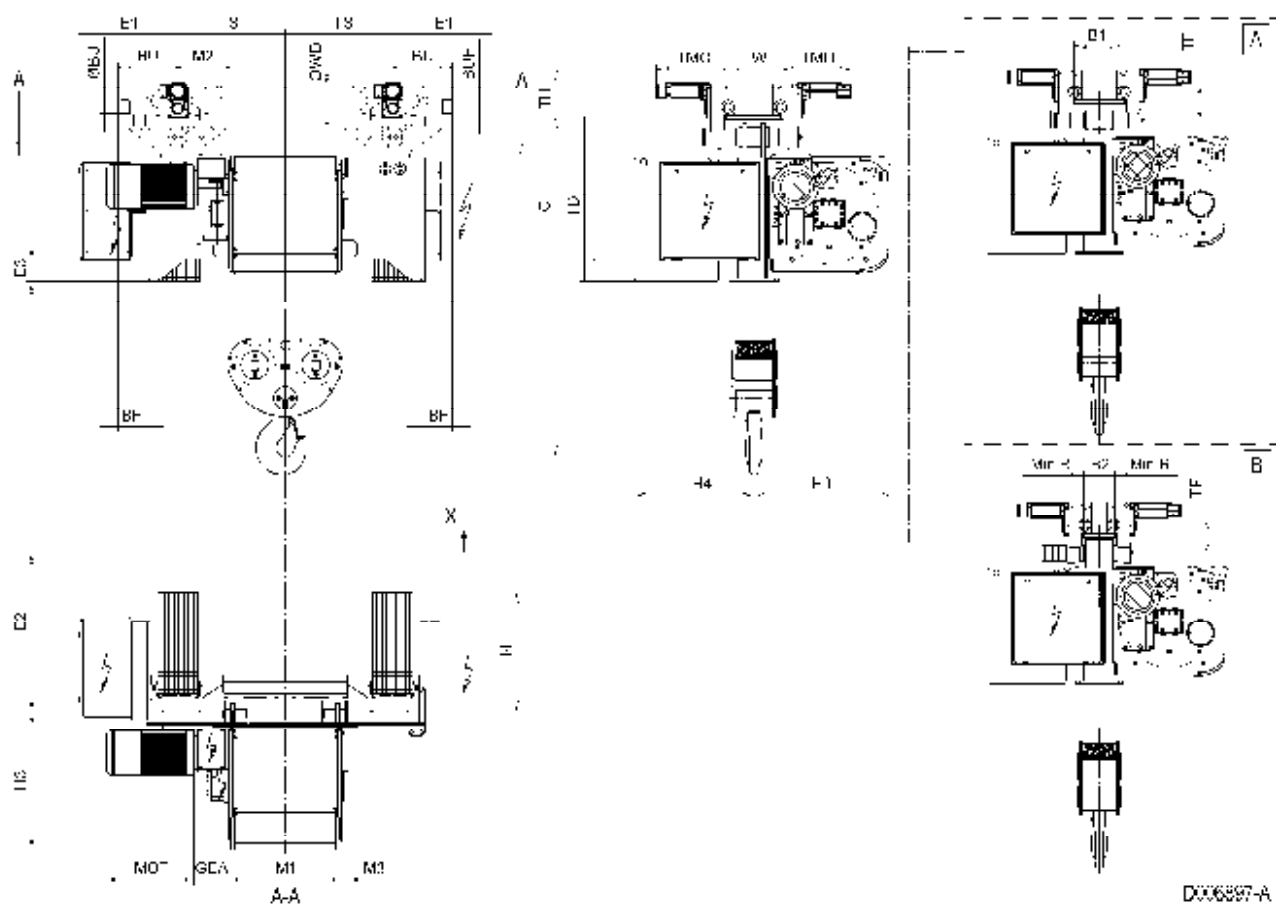
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 26

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



78 NORMAL HEADROOM HOIST VT4, REEVING: 28

Hoist dimensions

HOL	HOL*	Length code	E1	M1	M2	H3	H4	TS	BF	Weight A**	Weight B**
m	m		mm	mm	mm	mm	mm	mm	mm	kg	kg
5	N/A	F	605	832	239	848	733	655	170	2700	2900
7	5.5	G	605	1022	144	848	733	655	170	2800	3000
9.5	8	H	605	1272	319	848	733	955	170	3000	3300
12.5	11	J	605	1622	144	848	733	955	170	3300	3600
15.5	14	K	925	1922	-306	848	733	655	-150	3500	3900
19	17.5	L	925	2272	-481	848	733	655	-150	3800	4200
21.5	20	M	900	2522	-306	848	733	955	-125	4100	4500
24.5	23	N	900	2822	-456	848	733	955	-125	4400	4800

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Travelling dimensions

Motor	MF06LA
TMO (mm)	431
Weight (kg)	7.8

Trolley dimensions

B1 min	B1 max	B2 min	B2 max	C	ØBU	ØWD	Min R	BU	BUH	E2	E3
130	610	180	320	2212	80	180	4000	365	53	979	126
GEA	M3	TD	TF	TH	TW						
218	44	1008	45	208	53						

D006898_A
101305

Note: All dimensions in mm.

Note: Weight calculated with P6 motor when B=300 mm.

Note: Dimensions B1 min, B1 max and Weight A for normal track suspension.

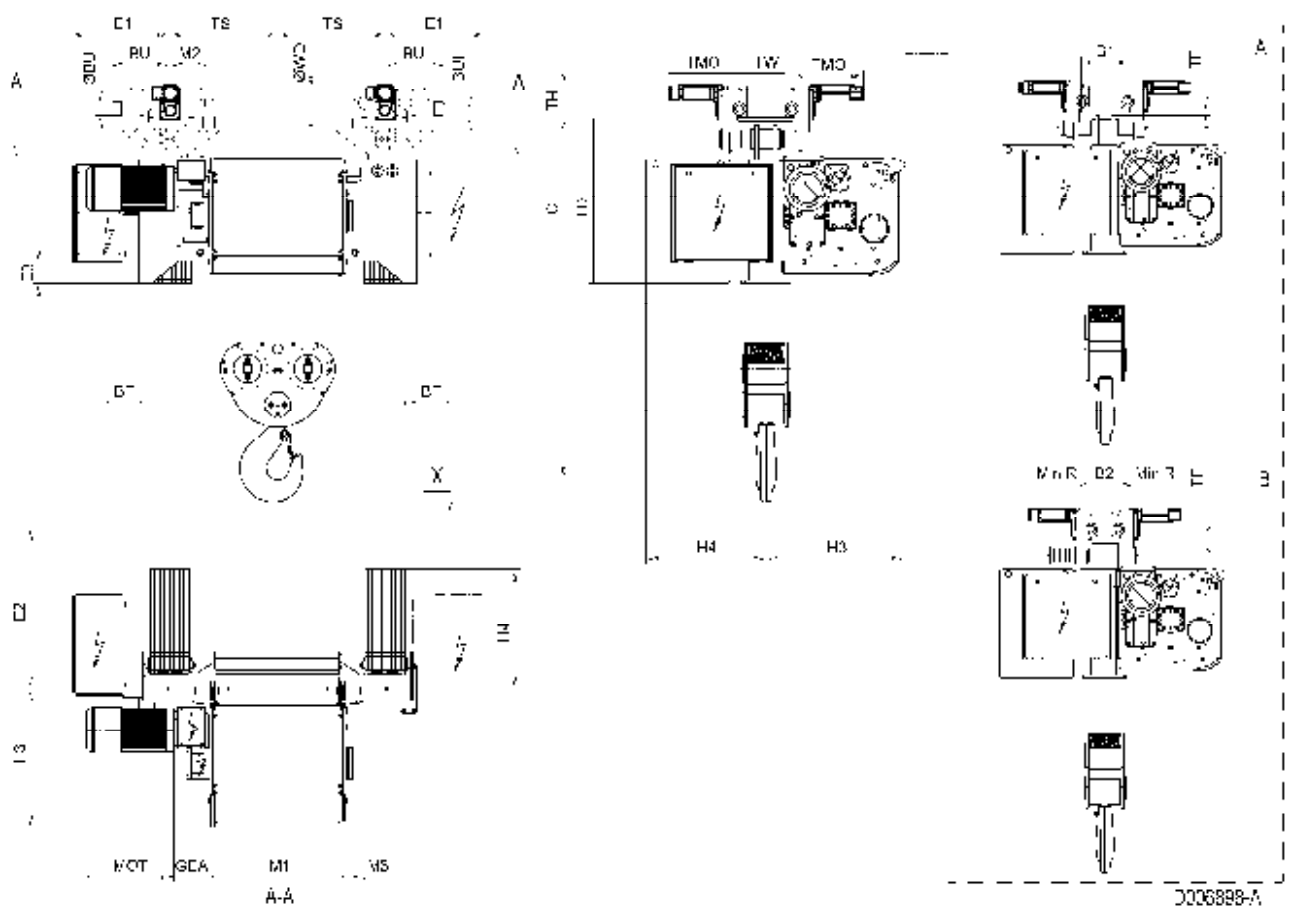
Note: Dimensions B2 min, B2 max, Weight B and Min R for curved track suspension (option).

Normal Headroom Hoist VT4, REEVING: 28

Note: For hoists with Solo electric provisions and a hoisting inverter, a special cubicle layout is required. Please consult the factory.

Note: Detail view A for normal track suspension. Detail view B for curved track suspension (option).

Note: X points the location for an auxiliary electrical cubicle.



FIXED HOIST

79 FIXED HOIST VT1, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	H3 mm	H3* mm	R mm	Weight kg
12	A	326	90	448	463	400	125
19	C	456	144	448	463	530	135

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

C	ØF	E3	F1	F3	GEA	H1	H4	M2	RO	TH	
195	18	78	100	100	110	127	391	37	25	395	

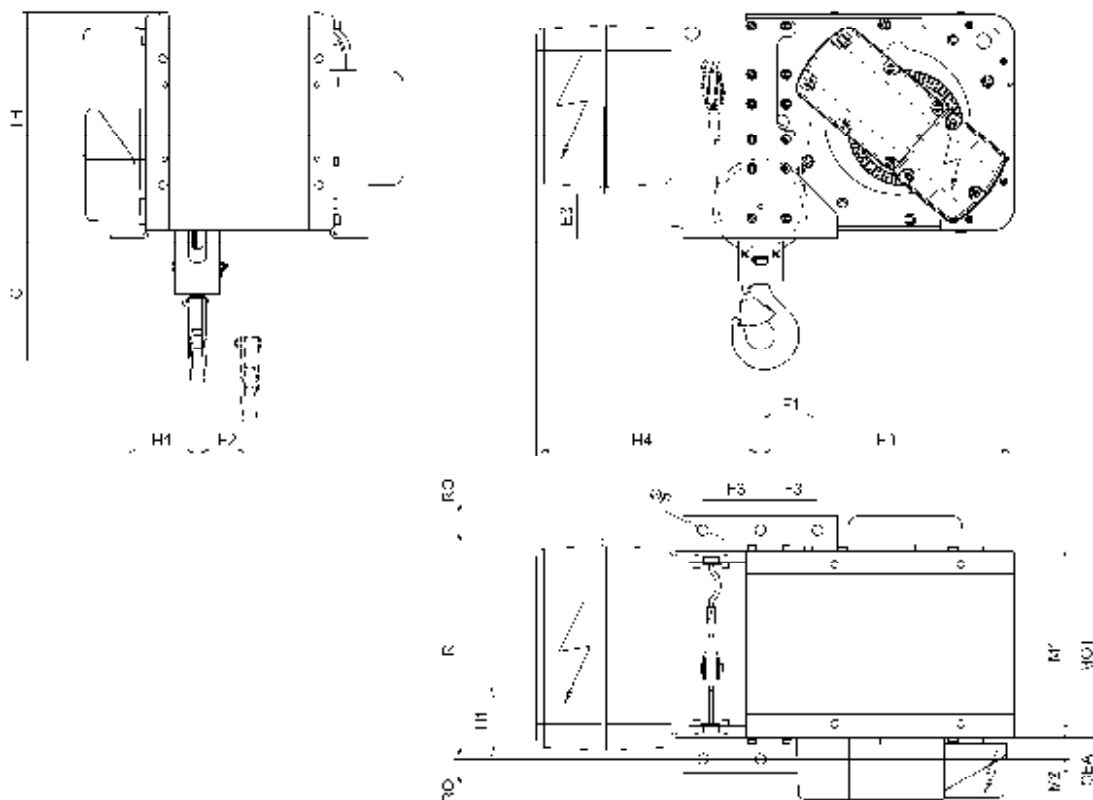
D002071_A
062131

Note: All dimensions in mm.

Note: Weight calculated with P1 motor.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT1, REEVING: 02



D002071-A

80 FIXED HOIST VT1, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	H3 mm	H3* mm	R mm	Weight kg
6	A	326	45	461	476	400	130
9.5	C	456	72	461	476	530	140

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	386	446	476	446	526
Weight (kg)	21	31	35	32	28

Trolley dimensions

C	ØF	E3	F1	F3	GEA	H1	H4	M2	RO	TH	
145	18	78	113	100	110	182	378	37	25	395	

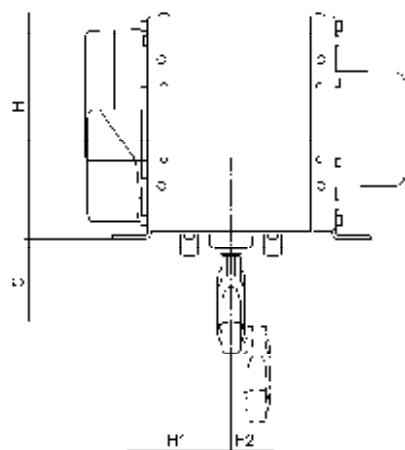
D002078_A
062132

Note: All dimensions in mm.

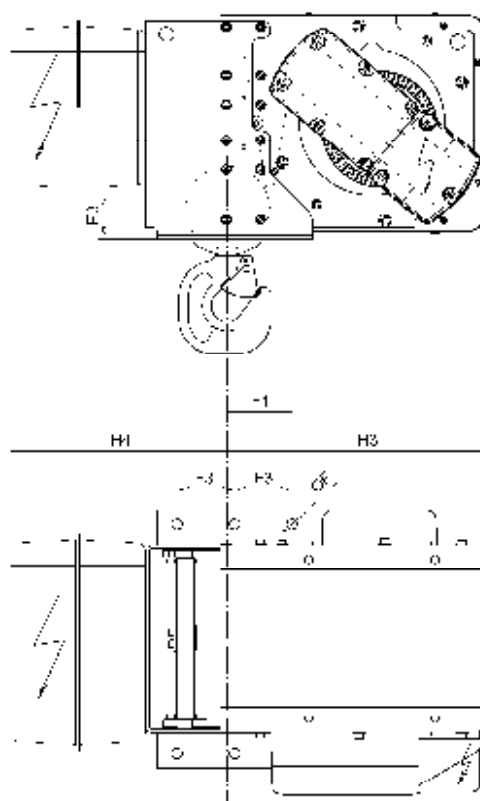
Note: Weight calculated with P1 motor.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT1, REEVING: 04



40
R
11
H2



H2
H1
H3
H1

D002078-A

81 FIXED HOIST VT2, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	H3 mm	H3* mm	R mm	Weight kg
12	B	356	153	239	98	528	544	560	195
18	C	456	53	139	147	528	544	560	205
24	D	556	53	139	196	528	544	780	220
30	E	676	53	139	256	528	544	780	240

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

C	ØF	E3	F1	F3	GEA	H4	RO	TH			
240	18	148	42	120	116	460	20	444			

D002086_A

062134

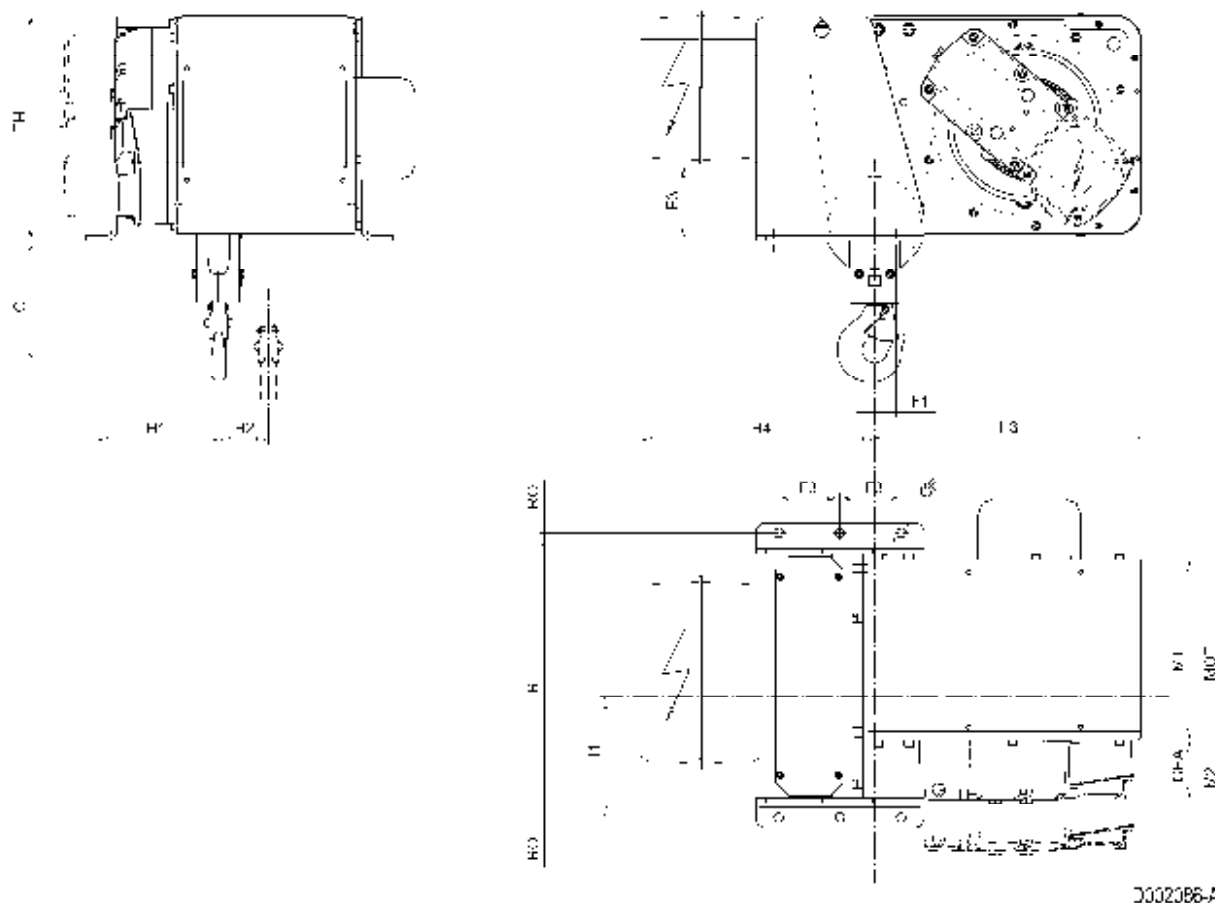
Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 3200 kg.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT2, REEVING: 02



82 FIXED HOIST VT2, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	H3 mm	H3* mm	R mm	Weight kg
6	B	356	153	320	49	551	567	560	200
9	C	456	53	220	73	551	567	560	210
12	D	556	53	220	97	551	567	780	220
15	E	676	53	220	127	551	567	780	230

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	473	574	443	523	602
Weight (kg)	35	53	32	28	53

Trolley dimensions

C1	C2	ØF	E3	F1	F3	GEA	H4	RO	TH		
215	232	18	148	65	120	116	436	20	444		

D002091_A

062135

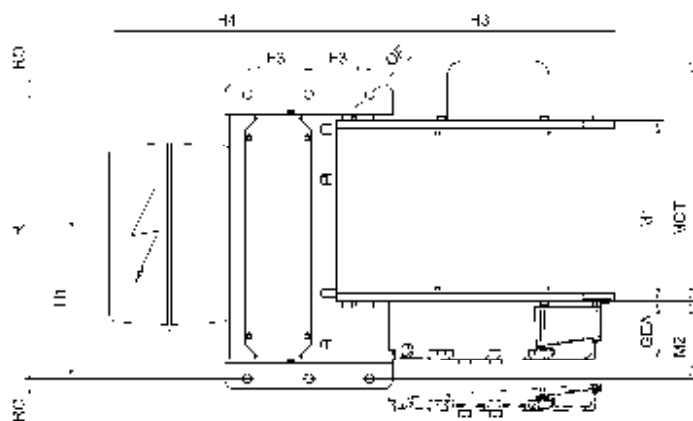
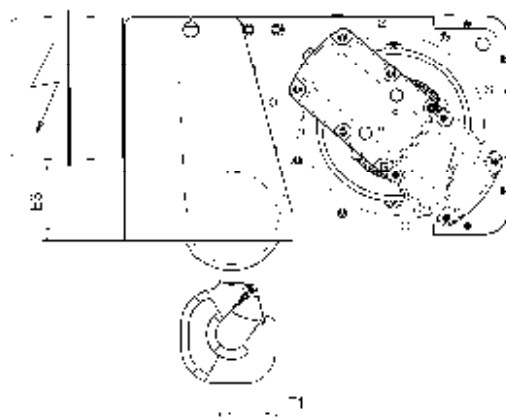
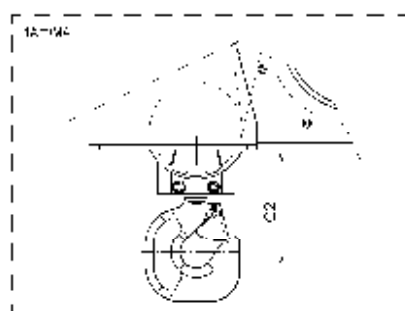
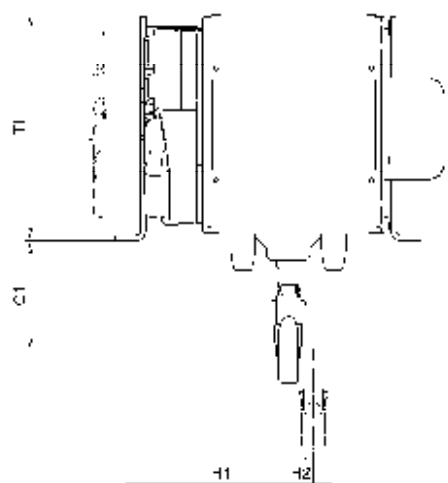
Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT2, REEVING: 04



0002091-A

83 FIXED HOIST VT3, REEVING: 02

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	H3 mm	H3* mm	R mm	Weight kg
18	D	558	196	354	176	621	641	830	430
24	E	678	76	234	235	621	641	830	445
32	F	828	76	234	310	621	641	1170	460
40	G	1018	76	234	405	621	641	1170	480

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E3	F1	F3	GEA	H4	RO	TH			
366	18	80	140	175	143	543	25	537			

D002111_A

062189

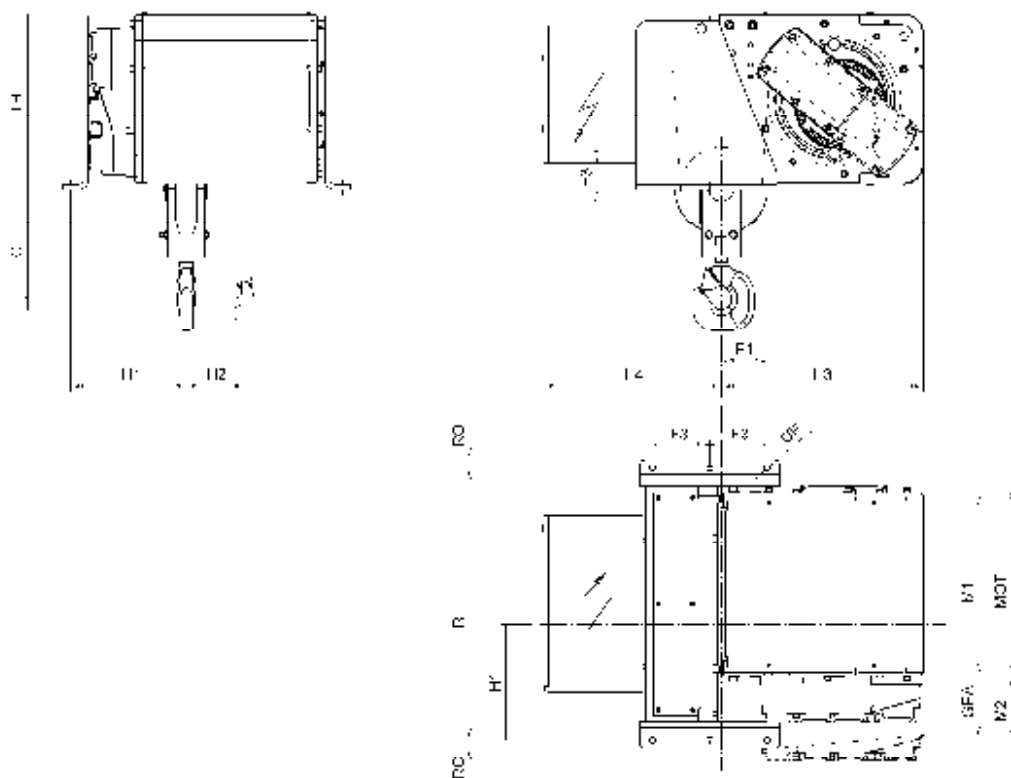
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Motor S7 is unavailable for load class 6300 kg.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 02



D002111-A

84 FIXED HOIST VT3, REEVING: 04

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	H1 mm	H2 mm	H3 mm	H3* mm	R mm	Weight kg
9	D	558	196	434	88	645	665	830	445
12	E	678	76	314	118	645	665	830	460
16	F	828	76	314	156	645	665	1170	480
20	G	1018	76	314	204	645	665	1170	500

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C1	C2	ØF	E3	F1	F3	GEA	H4	RO	TH		
310	367	18	80	168	175	143	516	25	537		

D002116_A
062190

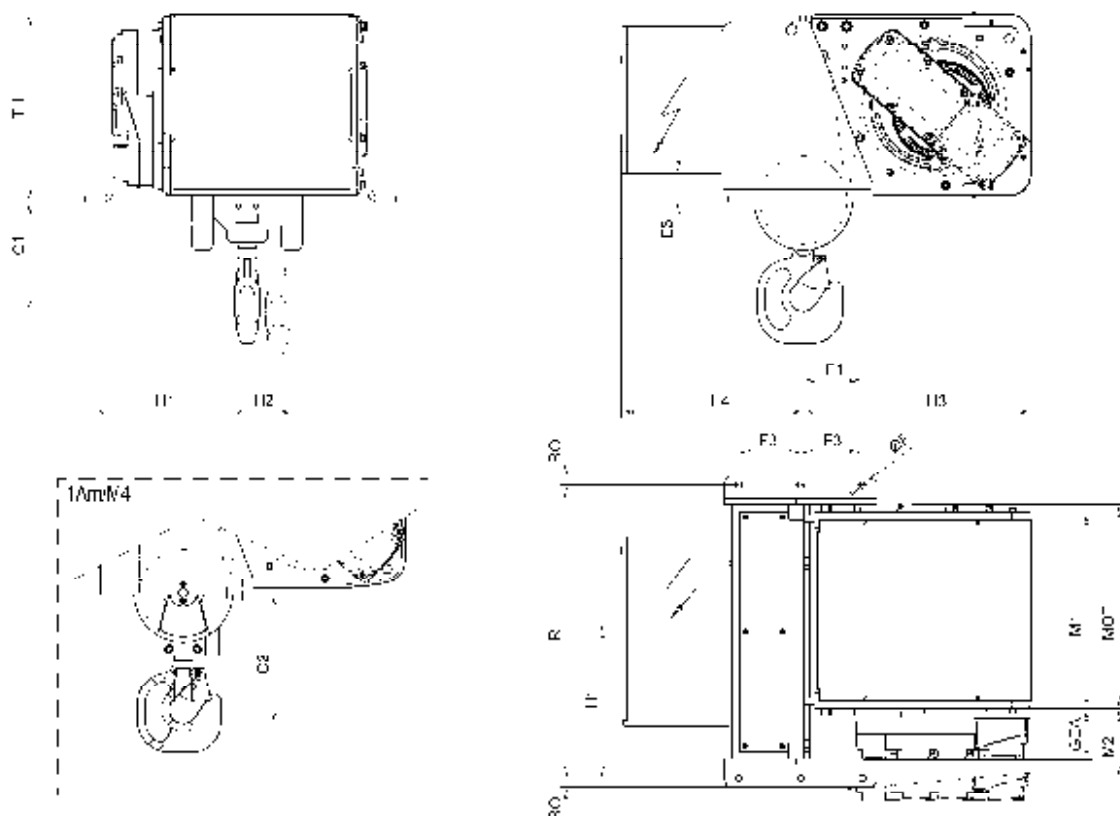
Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

Note: Motor S7 is unavailable for load class 12500 kg.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 04



D002116-A

85 FIXED HOIST VT3, REEVING: 06

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	Min R mm	H1 mm	H2 mm	H3 mm	H3* mm	Weight kg
6	D	558	548	1200	515	53	605	625	585
8	E	678	628	1400	595	78	605	625	625
10	F	828	778	1700	745	98	605	625	675
13	G	1018	888	2000	855	132	605	625	735

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E1	E3	E8	F1	F2	F3	GEA	H4	RO	TH
693	18	406	100	130	200	440	70	143	270	70	527

D007242_A

126313

Note: All dimensions in mm.

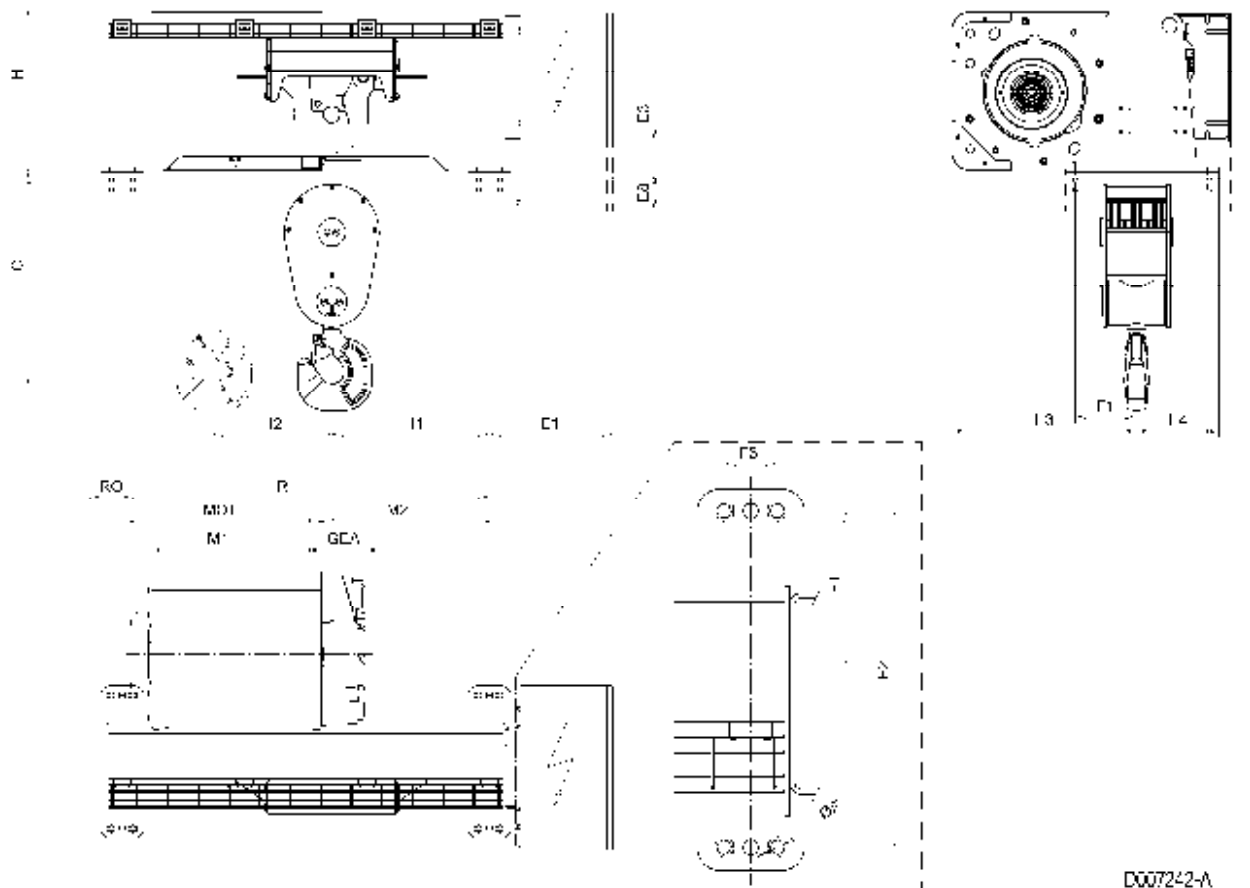
Note: Weight calculated with P5 motor.

Note: H1, M2 and weight calculated with Min R.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 06



86 FIXED HOIST VT3, REEVING: 08

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	Min R mm	H1 mm	H2 mm	H3 mm	H3* mm	Weight kg
4.5	D	558	548	1200	515	44	605	625	600
6	E	678	628	1400	595	53	605	625	635
8	F	828	778	1700	745	76	605	625	690
10	G	1018	888	2000	855	98	605	625	750

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E1	E3	E8	F1	F2	F3	GEA	H4	RO	TH
693	18	406	100	130	200	440	70	143	270	70	527

D007243_A
126314

Note: All dimensions in mm.

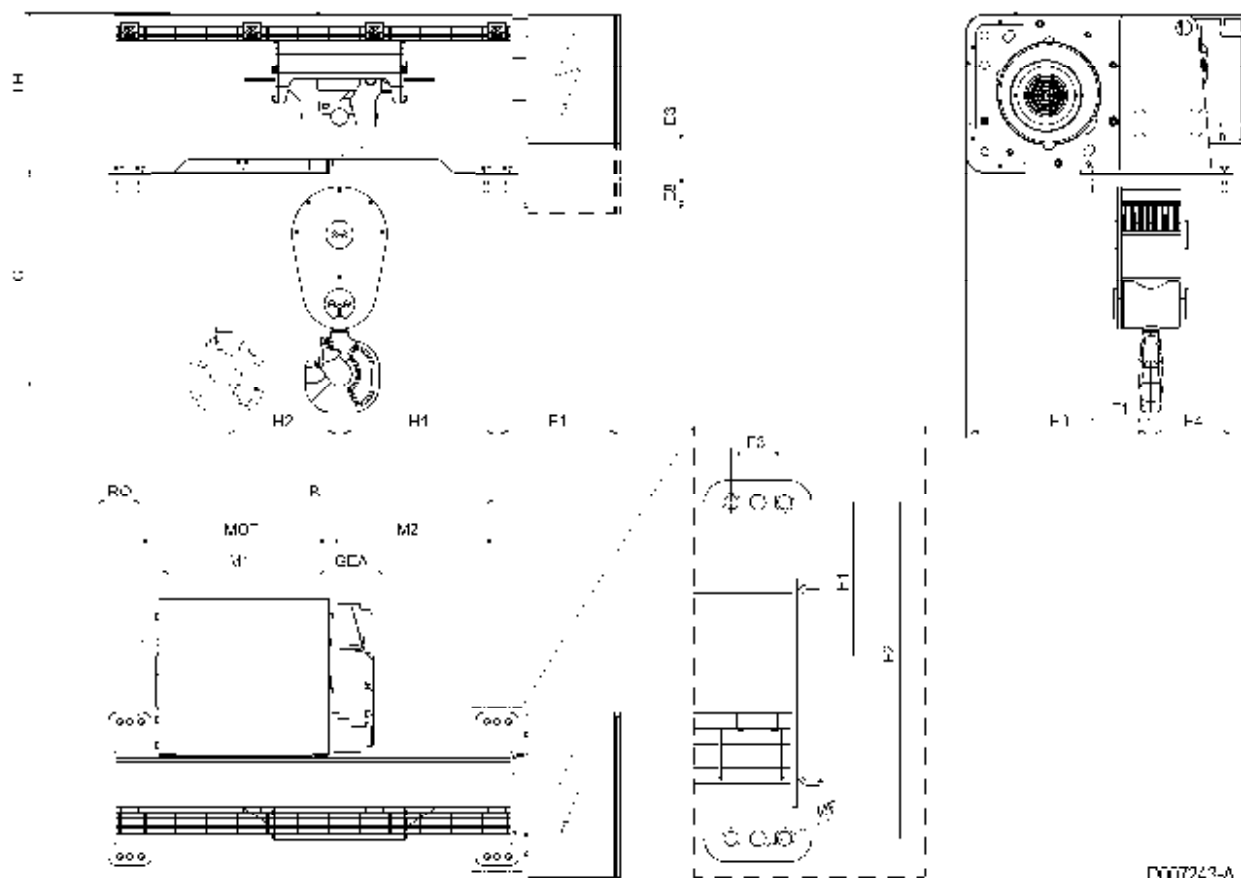
Note: Weight calculated with P5 motor.

Note: H1, M2 and weight calculated with Min R.

Note: Standard rail gauges: 1200, 1400, 1700, 2000 and 2400.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 08



D007243-A

87 FIXED HOIST VT3, REEVING: 22

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	Min R mm	BRA mm	H3 mm	H3* mm	Weight kg
8.5	D	558	321	1200	-	595	615	505
13	E	678	261	1200	-	595	615	530
18	F	828	186	1200	-	595	615	555
25	G	1018	91	1200	-	595	615	590
33.5	H	1268	216	1700	128	595	615	670
46	J	1618	191	2000	128	595	615	755

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E1	E3	E8	F1	F2	F3	GEA	H4	RO	TH
523	18	406	100	130	155	440	70	143	315	70	527

D007244_A

126316

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

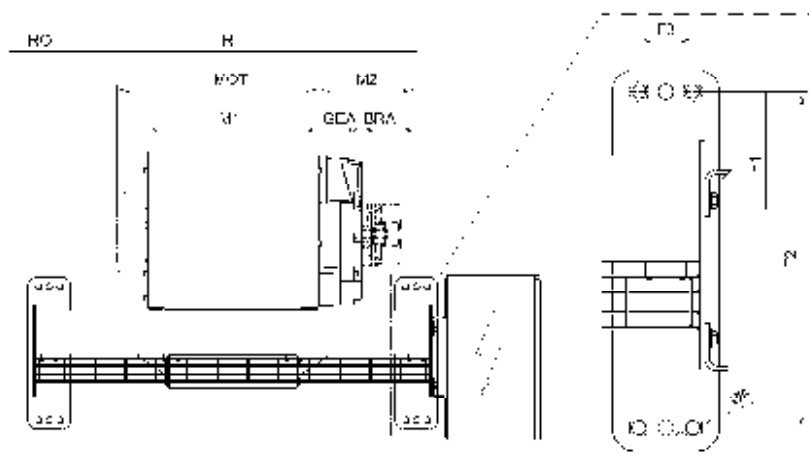
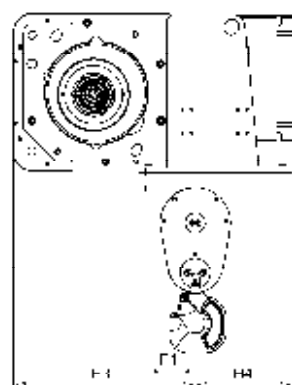
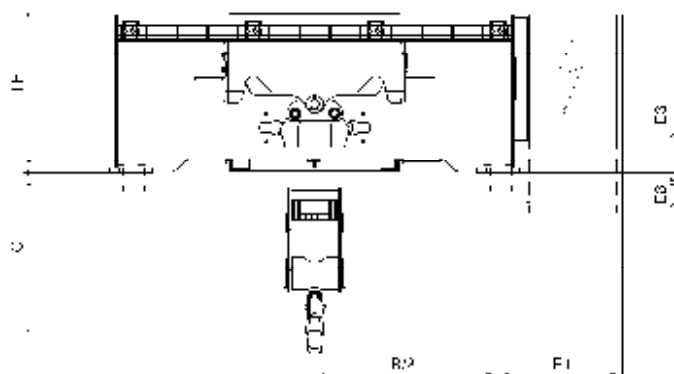
Note: M2 and weight calculated with Min R.

Note: Standard rail gauges: 1200, 1700 and 2000.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 22



D007244-A

88 FIXED HOIST VT3, REEVING: 24

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	Min R mm	BRA mm	H3 mm	H3* mm	Weight kg
4	D	558	321	1200	-	595	615	570
6.5	E	678	261	1200	-	595	615	590
9	F	828	186	1200	-	595	615	620
12.5	G	1018	91	1200	-	595	615	655
16.5	H	1268	216	1700	128	595	615	735
23	J	1618	191	2000	128	595	615	815

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E1	E3	E8	F1	F2	F3	GEA	H4	RO	TH
688	18	406	100	130	155	440	70	143	315	70	527

D007245_A

126317

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

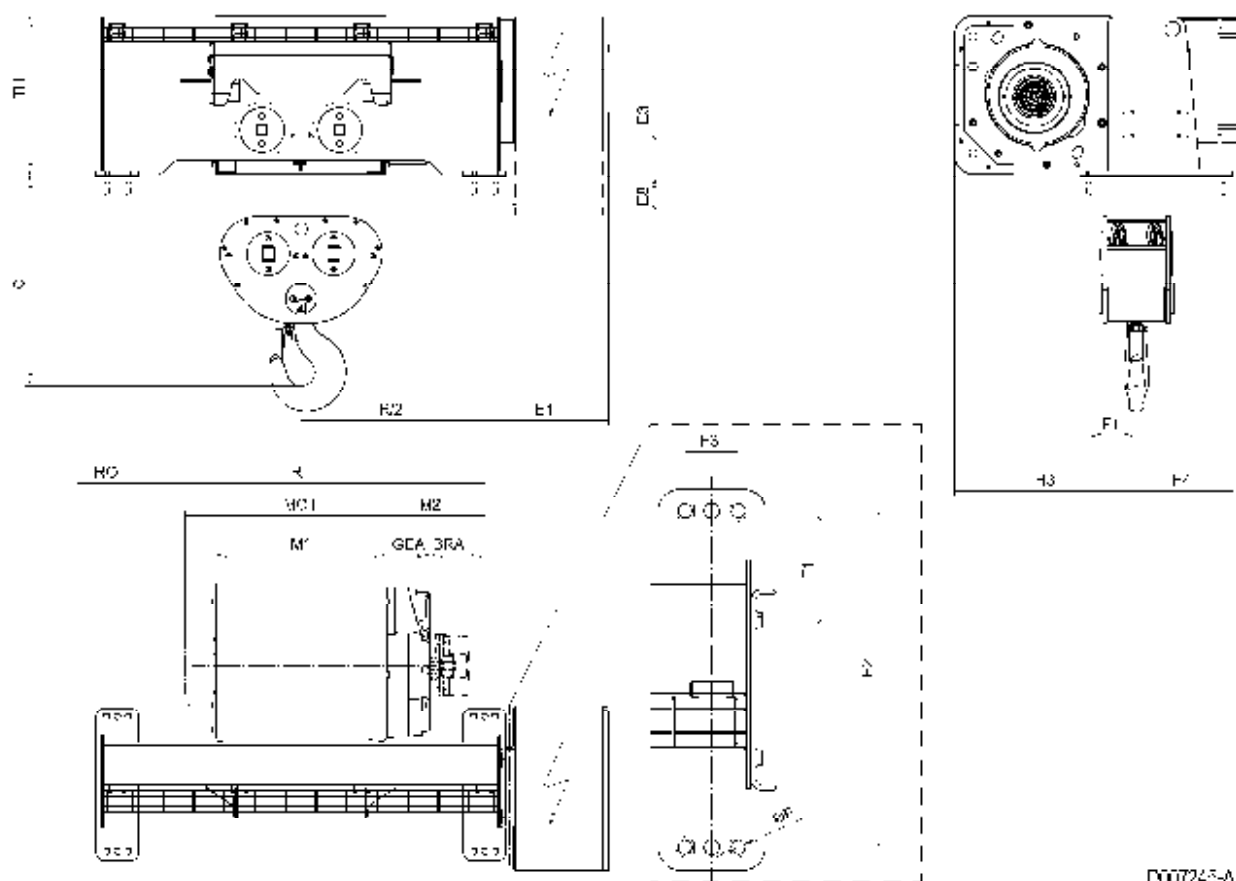
Note: M2 and weight calculated with Min R.

Note: Standard rail gauges: 1200, 1700 and 2000.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 24



89 FIXED HOIST VT3, REEVING: 26

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	Min R mm	BRA mm	H3 mm	H3* mm	Weight kg
4	E	678	261	1200	-	595	615	600
6	F	828	186	1200	-	595	615	625
8	G	1018	91	1200	-	595	615	665
11	H	1268	216	1700	128	595	615	745
15	J	1618	191	2000	128	595	615	830

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E1	E3	E8	F1	F2	F3	GEA	H4	RO	TH
688	18	406	100	130	200	440	70	143	270	70	527

D007246_A
126318

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

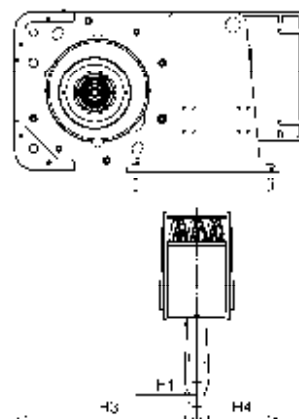
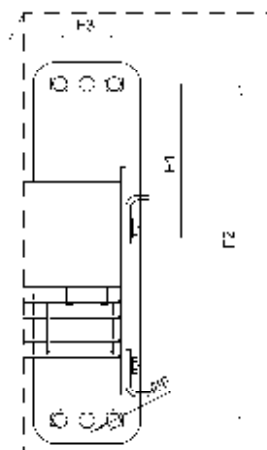
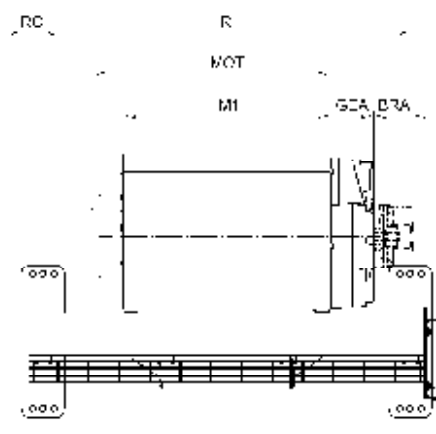
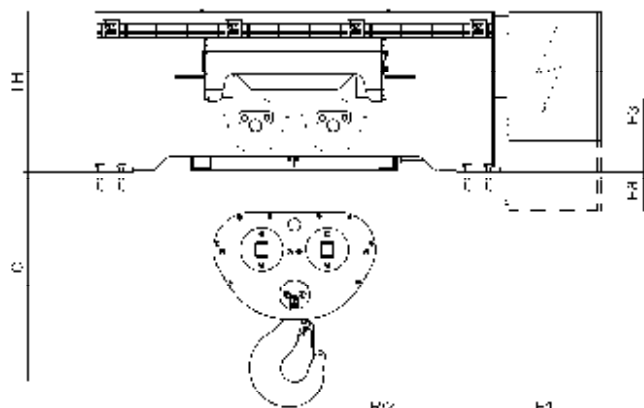
Note: M2 and weight calculated with Min R.

Note: Standard rail gauges: 1200, 1700 and 2000.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 26



D007246-A

90 FIXED HOIST VT3, REEVING: 28

Hoist dimensions

HOL m	Length code	M1 mm	M2 mm	Min R mm	BRA mm	H3 mm	H3* mm	Weight kg
4.5	F	828	186	1200	-	595	615	640
6	G	1018	91	1200	-	595	615	675
8	H	1268	216	1700	128	595	615	755
11.5	J	1618	191	2000	128	595	615	815

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	578	578	618	498	606	757
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

C	ØF	E1	E3	E8	F1	F2	F3	GEA	H4	RO	TH
688	18	406	100	130	200	440	70	143	270	70	527

D007247_A
126319

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

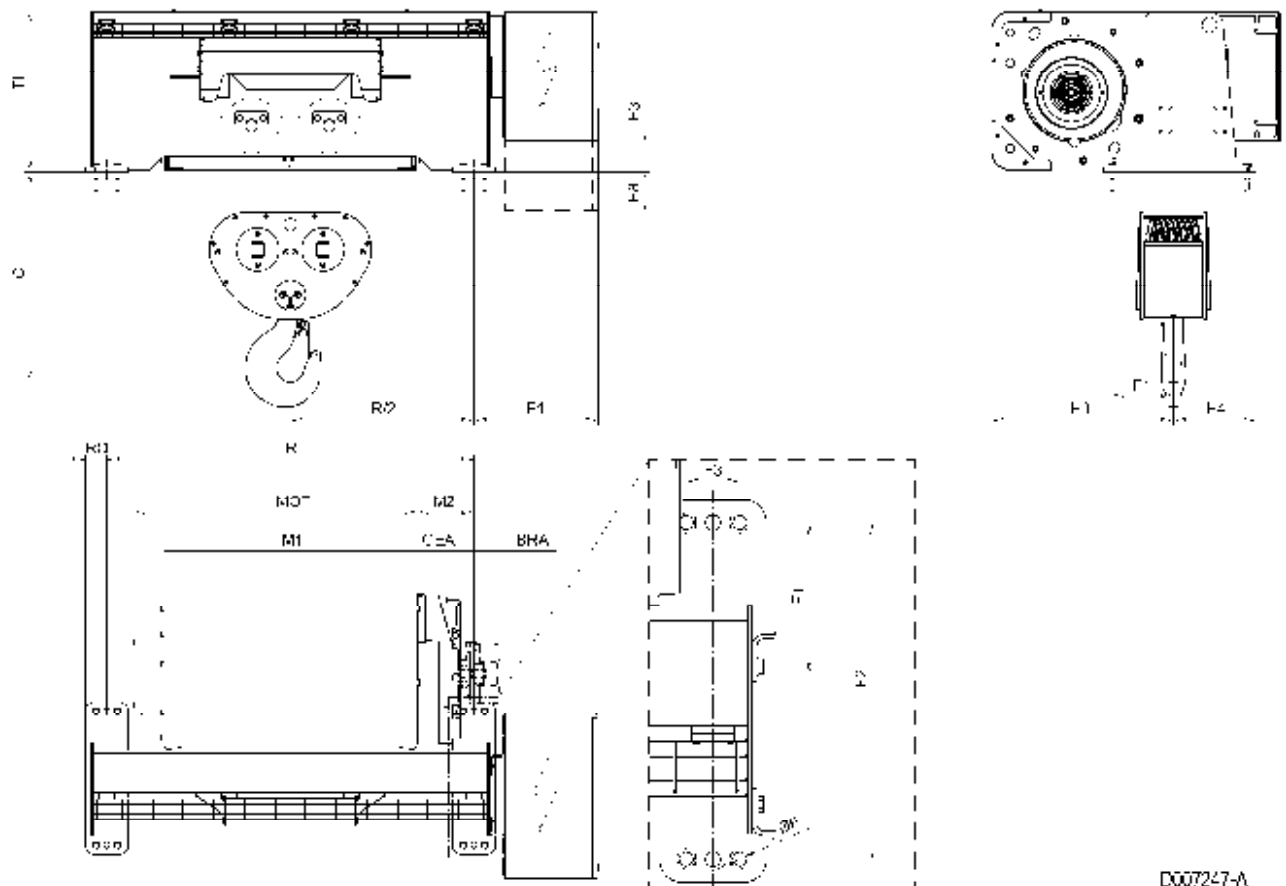
Note: M2 and weight calculated with Min R.

Note: Standard rail gauges: 1200, 1700 and 2000.

Note: Gear brake as standard brake for drum lengths H and J.

N.B. dimension H3 overrides dimension H3!

Fixed Hoist VT3, REEVING: 28



D007247-A

91 FIXED HOIST VT4, REEVING: 02

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	H1 mm	H2 mm	Weight** kg
15.5	10	C	1610	462	760	700	139	1200
21	15.5	D	1610	562	760	700	188	1300
28	22.5	E	1840	682	710	650	251	1300
36	30.5	F	1840	832	710	650	322	1400
47	41.5	G	2350	1022	790	730	421	1500
61	55.5	H	2350	1272	790	730	546	1600
80.5	75	J	2669	1622	750	690	721	1900
97	91.5	K	2669	1922	750	690	868	2000

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
754	18	455	960	126	158.5	320	60	218	871	44	50
TH											
769											

D006936_A

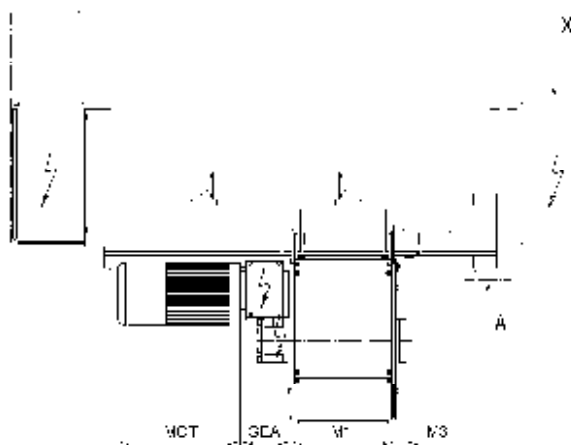
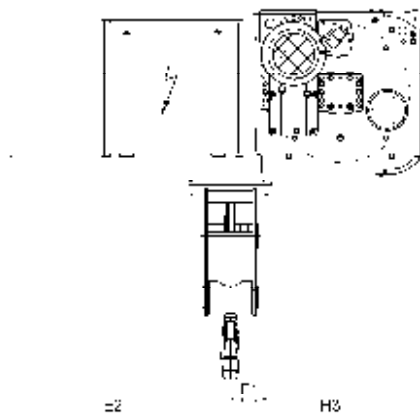
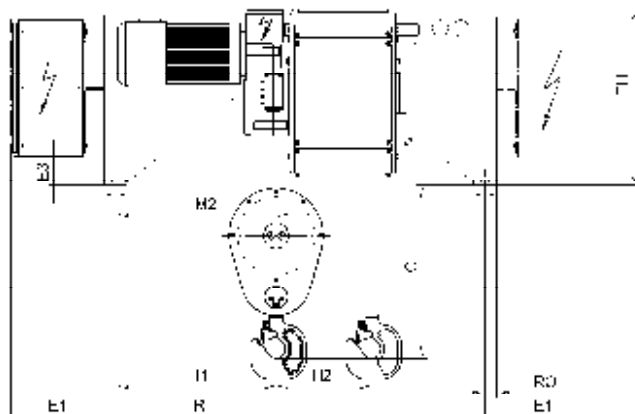
102573

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 02



D006036-A

92 FIXED HOIST VT4, REEVING: 04

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	H1 mm	H2 mm	Weight** kg
7.5	4.5	C	1610	462	760	700	69	1300
10.5	7.5	D	1610	562	760	700	94	1300
14	11	E	1840	682	710	650	125	1400
18	15	F	1840	832	710	650	161	1400
23.5	20.5	G	2350	1022	790	730	210	1600
30.5	27.5	H	2350	1272	790	730	273	1700
40	37	J	2669	1622	750	690	360	1900
48.5	45.5	K	2669	1922	750	690	434	2100

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
754	18	455	960	126	158.5	320	60	218	871	44	50
TH											
769											

D006937_A

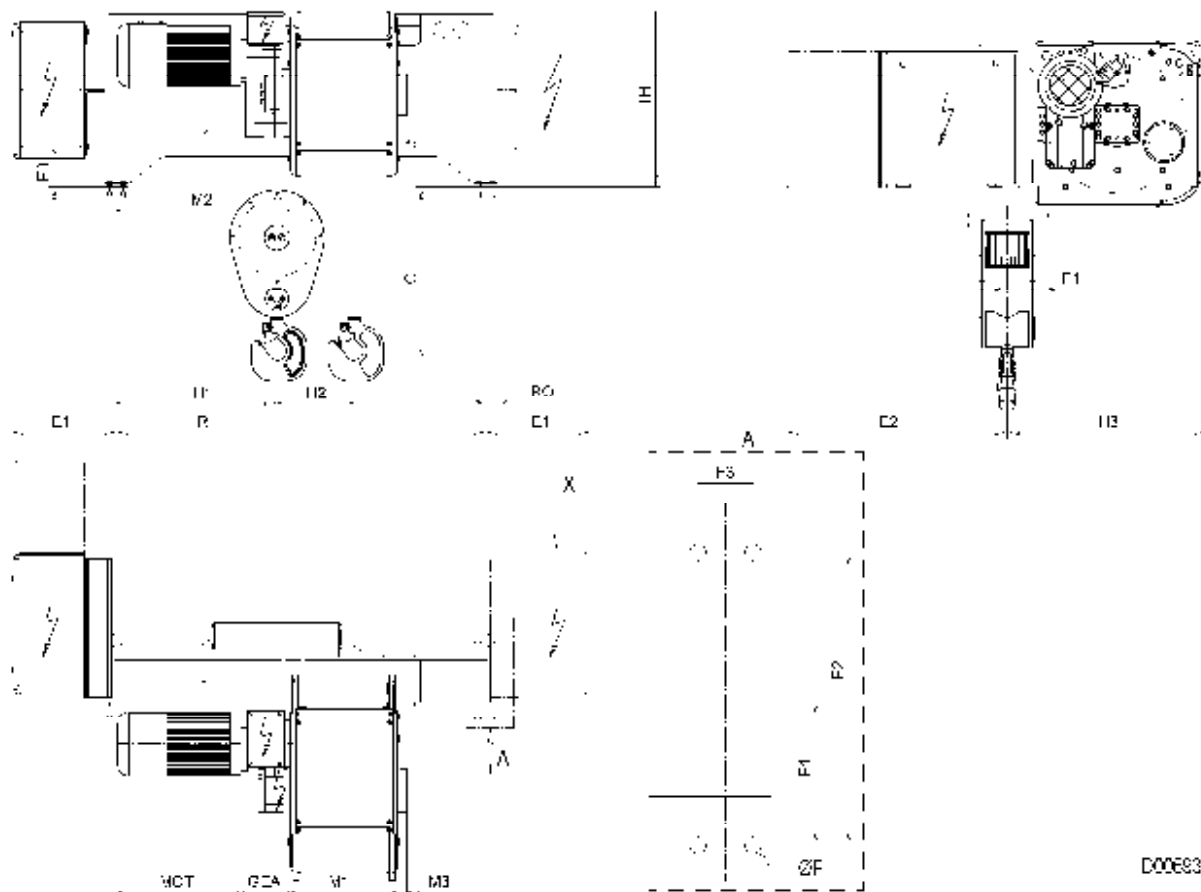
102574

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 04



93 FIXED HOIST VT4, REEVING: 06

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	H1 mm	H2 mm	Weight** kg
5	3	C	1610	462	760	700	46	1300
7	5	D	1610	562	760	700	63	1400
9	7	E	1840	682	710	650	84	1500
12	10	F	1840	832	710	650	107	1500
15.5	13.5	G	2350	1022	790	730	140	1600
20	18	H	2350	1272	790	730	182	1800
26.5	24.5	J	2669	1622	750	690	240	2000
32	30	K	2669	1922	750	690	289	2100

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
873	18	455	960	126	158.5	320	60	218	871	44	50
TH											
769											

D006938_A

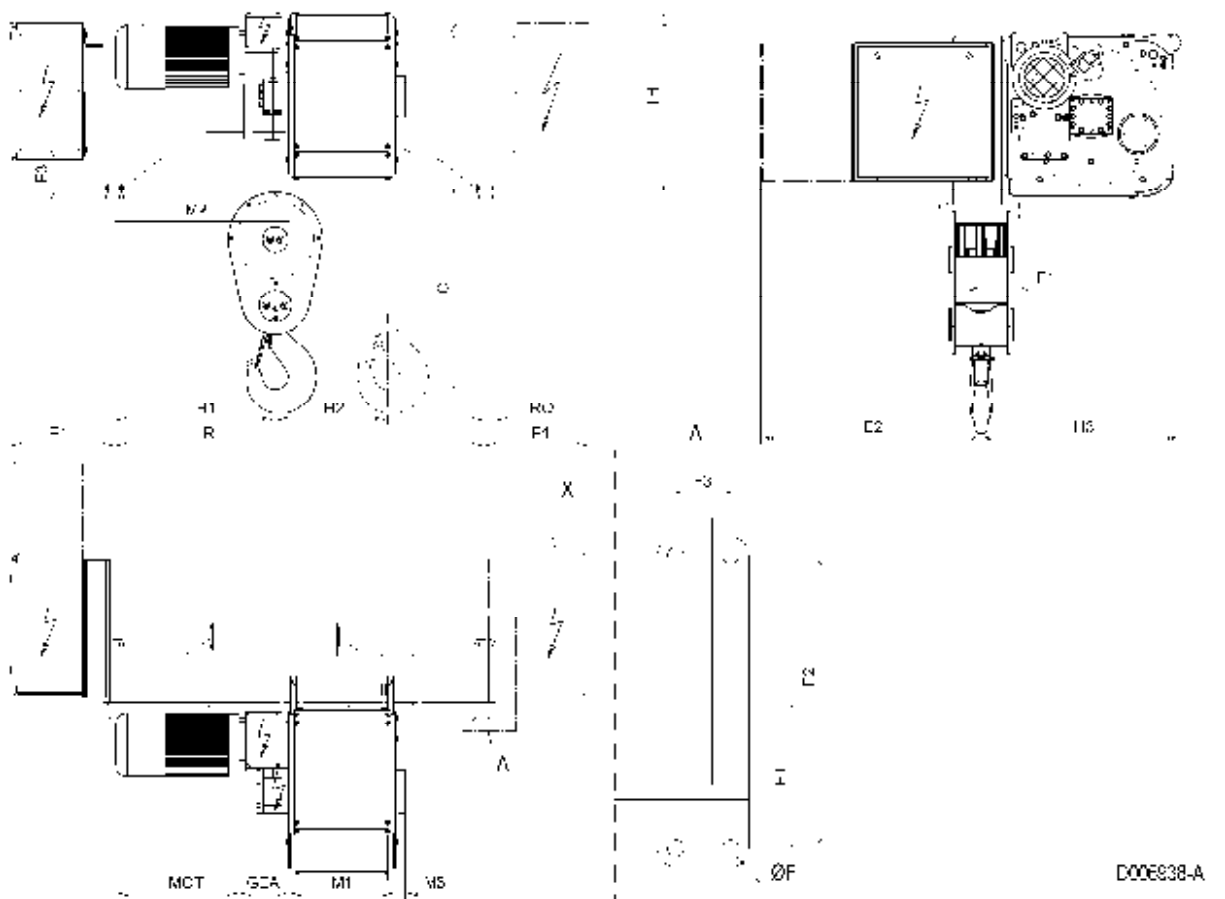
102575

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 06



94 FIXED HOIST VT4, REEVING: 08

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	H1 mm	H2 mm	Weight** kg
7	5.5	E	1840	682	710	650	63	1500
9	7.5	F	1840	832	710	650	81	1600
11.5	10	G	2350	1022	790	730	105	1700
15	13.5	H	2350	1272	790	730	137	1800
20	18.5	J	2669	1622	750	690	180	2100
24	22.5	K	2669	1922	750	690	217	2200

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1096	18	455	960	126	158.5	320	60	218	871	44	50
TH											
769											

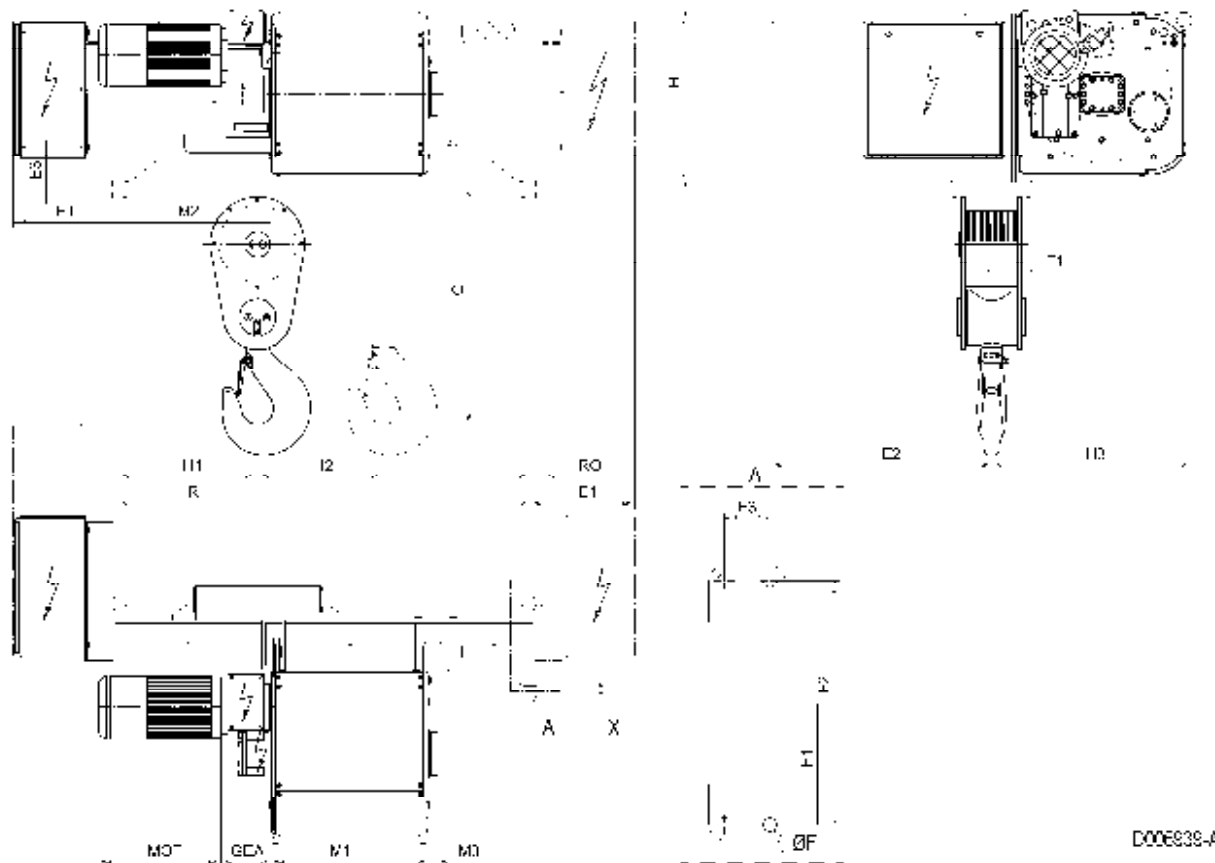
D006939_A
102576

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 08



D006838-A

95 FIXED HOIST VT4, REEVING: 22

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
15	8.5	E	1600	682	459	1200
21	14.5	F	1600	832	384	1300
28.5	22	G	1600	1022	289	1300
38	31.5	H	2200	1272	464	1500
51.5	45	J	2200	1622	289	1600
63.5	57	K	2240	1922	164	1800
77	70.5	L	2240	2272	-10	2000
87	80.5	M	2790	2522	139	2200
98.5	92	N	2790	2822	-10	2300

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
731	18	460	979	126	129.5	260	60	218	847	44	50
TH											
769											

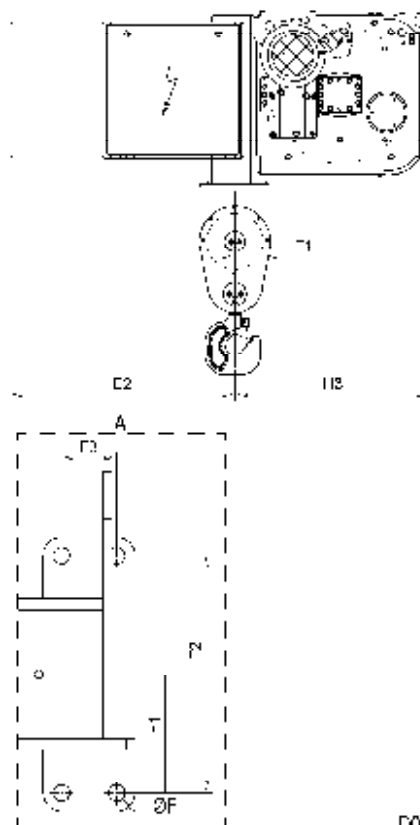
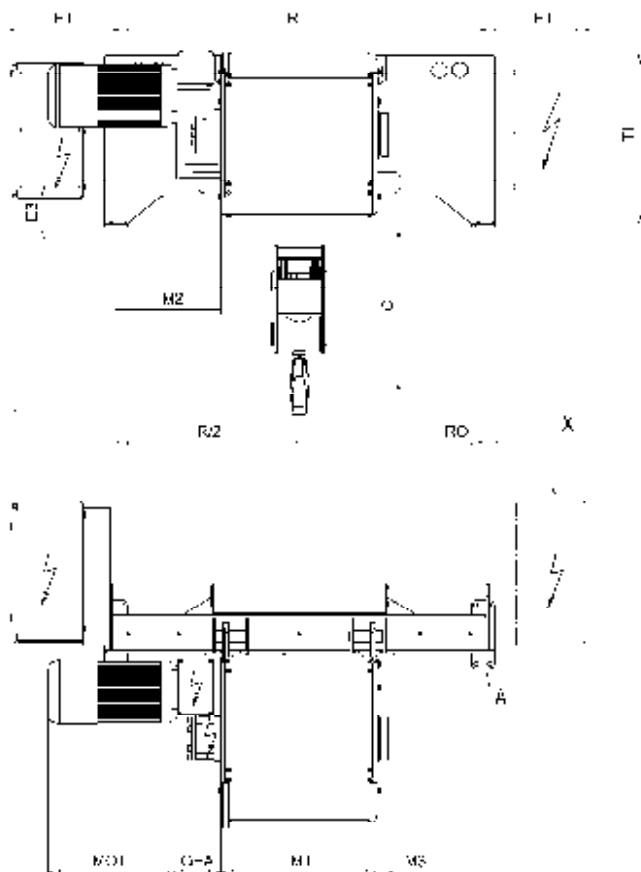
D006940_A
102577

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 22



D006840-A

96 FIXED HOIST VT4, REEVING: 24

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
7.5	N/A	E	1600	682	459	1300
10.5	7.5	F	1600	832	384	1300
14	11	G	1600	1022	289	1400
19	16	H	2200	1272	464	1600
25.5	22.5	J	2200	1622	289	1700
31.5	28.5	K	2240	1922	164	1900
38.5	35.5	L	2240	2272	-10	2000
43.5	40.5	M	2790	2522	139	2200
49	46	N	2790	2822	-10	2400

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1040	18	460	979	126	129.5	260	60	218	847	44	50
TH											
769											

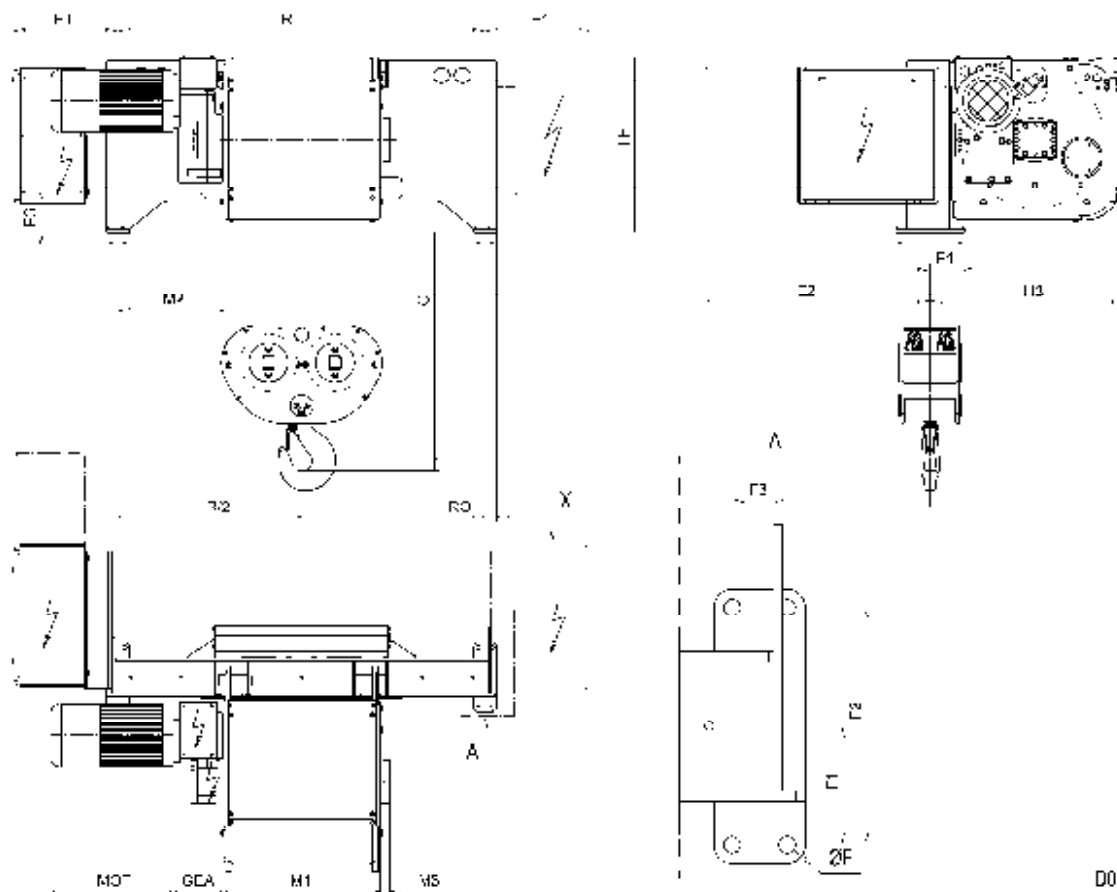
D006941_A
102578

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 24



D006941-A

97 FIXED HOIST VT4, REEVING: 26

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
5	N/A	E	1600	682	459	1400
7	5	F	1600	832	384	1400
9.5	7.5	G	1600	1022	289	1500
12.5	10.5	H	2200	1272	464	1700
17	15	J	2200	1622	289	1800
21	19	K	2240	1922	164	1900
25.5	23.5	L	2240	2272	-10	2100
28.5	26.5	M	2790	2522	139	2300
32.5	30.5	N	2790	2822	-10	2400

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1079	18	460	979	126	129.5	260	60	218	847	44	50
TH											
769											

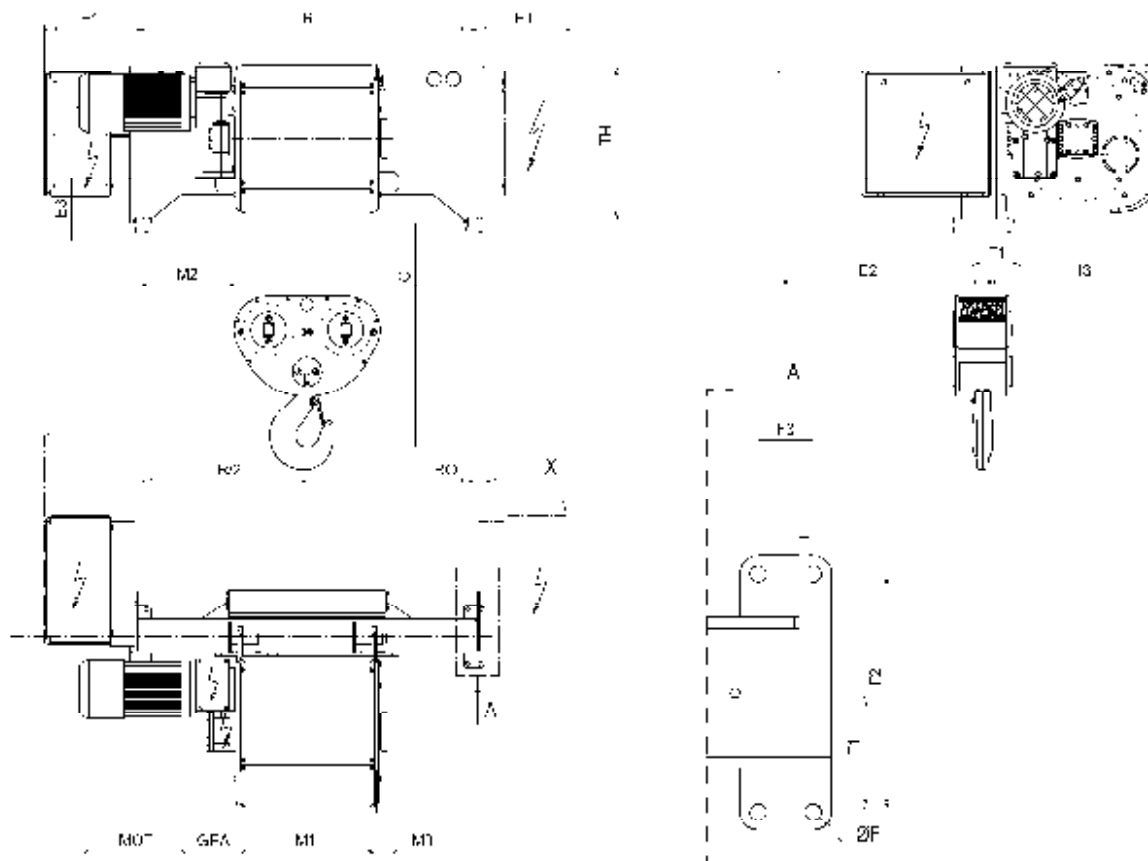
D006942_A
102579

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 26



D006942-A

98 FIXED HOIST VT4, REEVING: 28

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
5	N/A	F	1600	832	384	1500
7	5.5	G	1600	1022	289	1600
9.5	8	H	2200	1272	464	1800
12.5	11	J	2200	1622	289	1900
15.5	14	K	2240	1922	164	2100
19	17.5	L	2240	2272	-10	2200
21.5	20	M	2790	2522	139	2400
24.5	23	N	2790	2822	-10	2600

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1206	18	460	979	126	129.5	260	60	218	847	44	50
TH											
769											

D006943_A

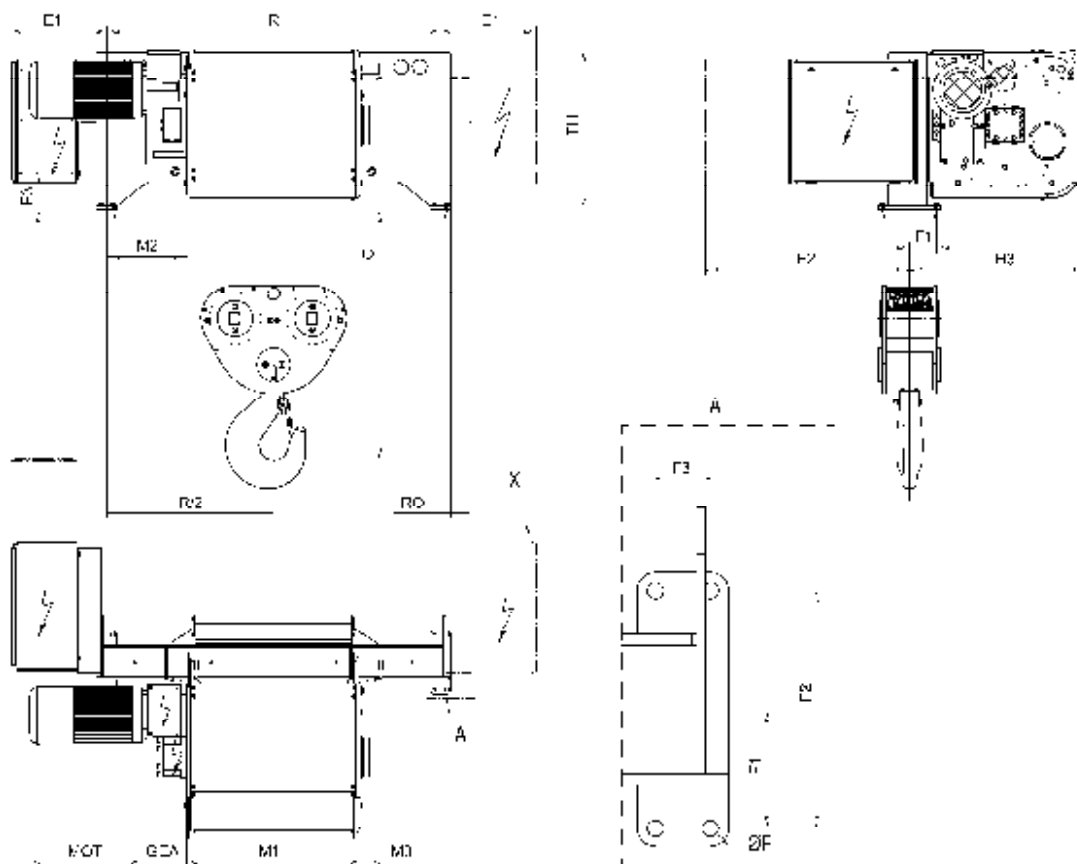
102580

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

Note: X points the location for an auxiliary electrical cubicle.

Fixed Hoist VT4, REEVING: 28



DX6843-A

99 FIXED HOIST VT5, REEVING: 22

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
15.5	9	F	1700	832	434	1400
20.5	14	G	1700	1022	339	1500
27.5	21	H	2400	1272	565	1600
37.5	31	J	2400	1622	389	1800
46	39.5	K	3100	1922	339	2000
55.5	49	L	3100	2272	414	2200
62.5	56	M	3800	2522	840	2400
71	64.5	N	3800	2822	690	2600

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
918	18	488	941	122	220	540	70	218	871	44	92
TD	TH										
272	463										

D006944_A

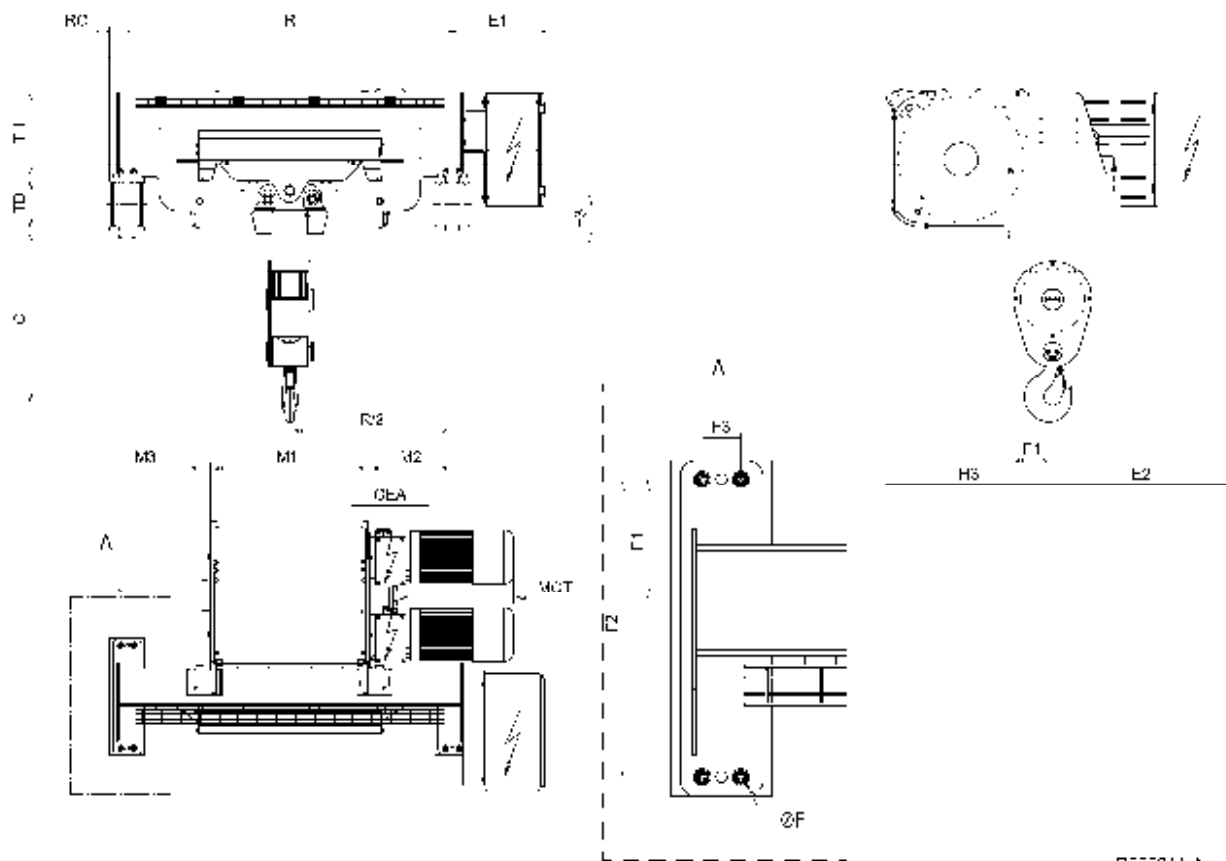
102581

Note: All dimensions in mm.

Note: Weight calculated with P6 motors.

Note: The larger electrical cubicle is required with P7 motors.

Fixed Hoist VT5, REEVING: 22



D006844-A

100 FIXED HOIST VT5, REEVING: 24

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
7.5	4	F	1700	832	434	1500
10	6.5	G	1700	1022	339	1500
13.5	10	H	2400	1272	565	1700
18.5	15	J	2400	1622	389	1800
23	19.5	K	3100	1922	339	2100
27.5	24	L	3100	2272	414	2200
31	27.5	M	3800	2522	840	2500
35.5	32	N	3800	2822	690	2600

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1263	18	488	941	122	220	540	70	218	871	44	92
TD	TH										
272	463										

D006945_A

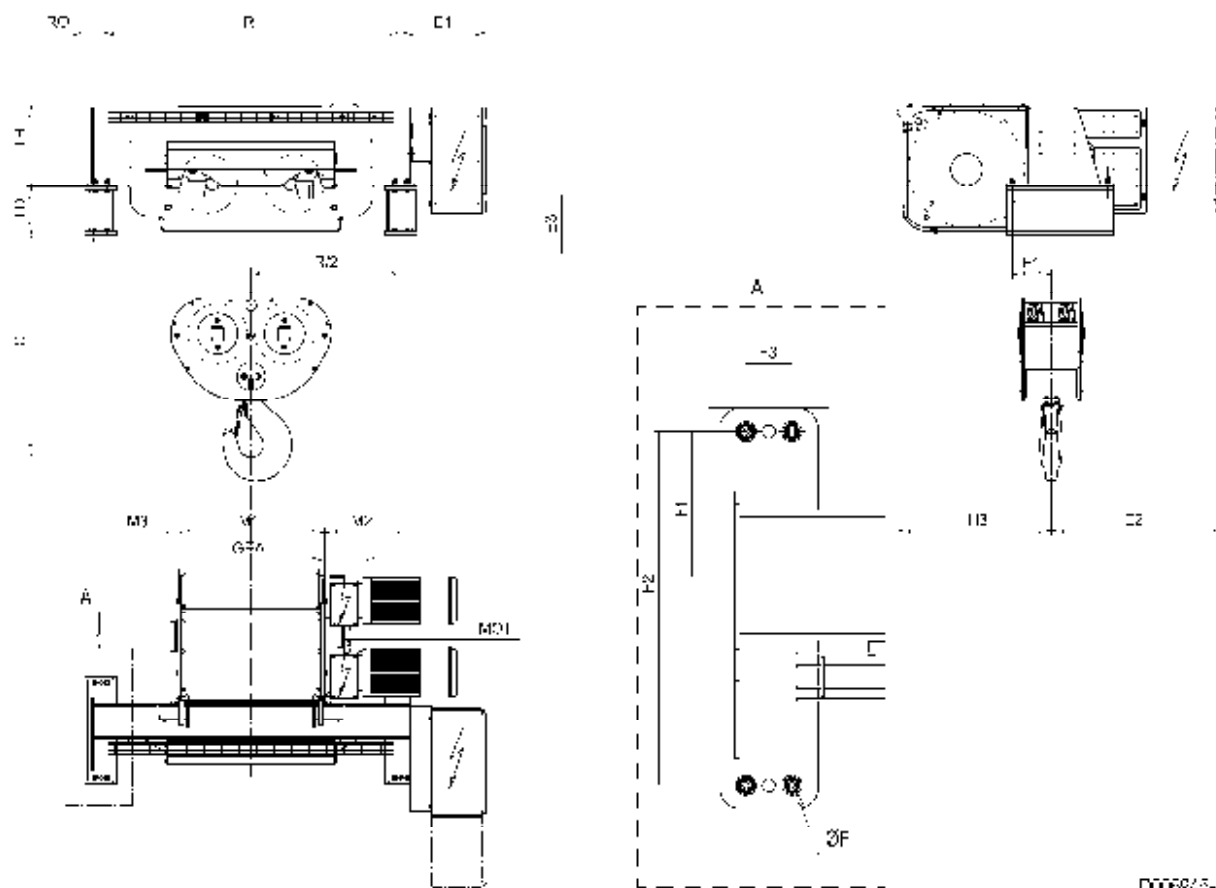
102582

Note: All dimensions in mm.

Note: Weight calculated with P6 motors.

Note: The larger electrical cubicle is required with P7 motors.

Fixed Hoist VT5, REEVING: 24



D006843-A

101 FIXED HOIST VT5, REEVING: 26

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
5	2.5	F	1700	832	434	1600
6.5	4	G	1700	1022	339	1700
9	6.5	H	2400	1272	565	1900
12.5	10	J	2400	1622	389	2000
15	12.5	K	3100	1922	339	2400
18.5	16	L	3100	2272	414	2600
20.5	18	M	3800	2522	840	3000
23.5	21	N	3800	2822	690	3100

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1339	18	488	941	122	220	540	70	218	871	44	92
TD	TH										
330	405										

D006946_A

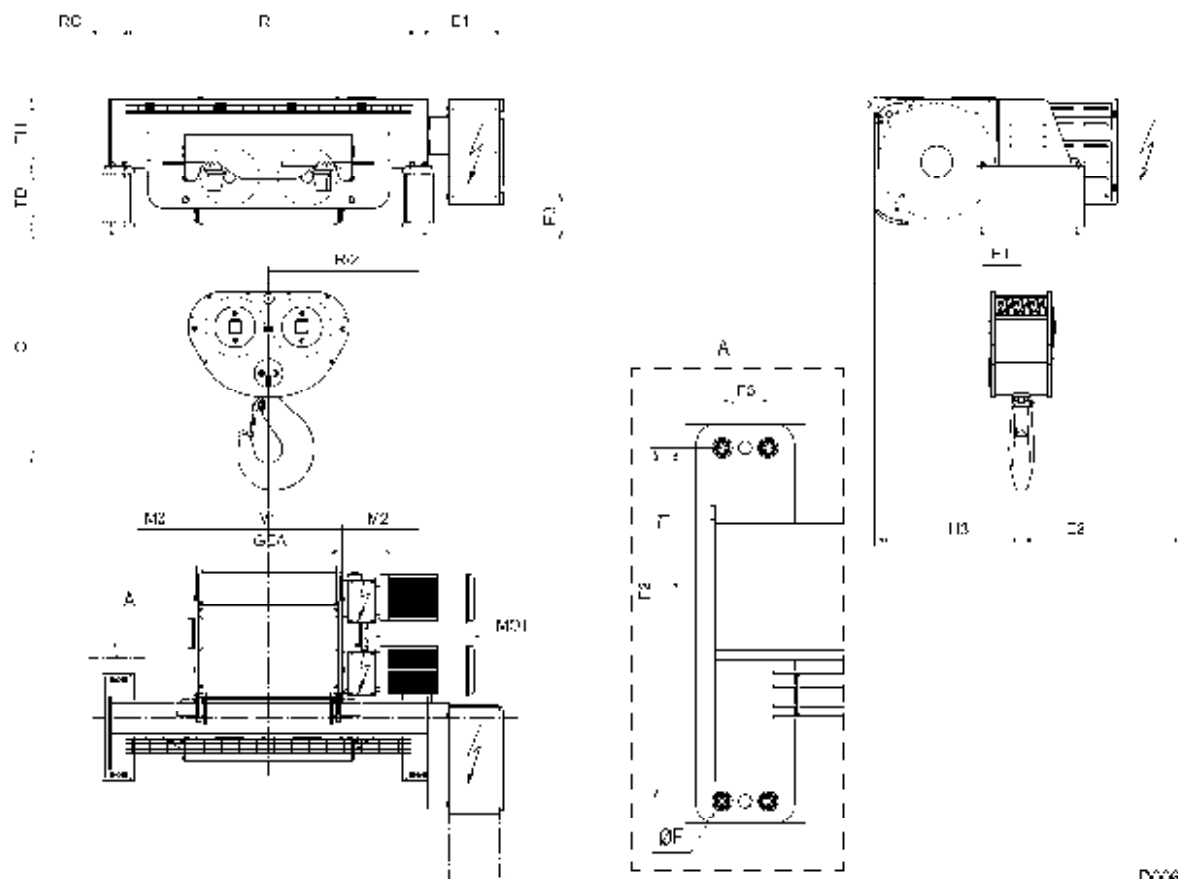
102583

Note: All dimensions in mm.

Note: Weight calculated with P6 motors.

Note: The larger electrical cubicle is required with P7 motors.

Fixed Hoist VT5, REEVING: 26



102 FIXED HOIST VT5, REEVING: 28

Hoist dimensions

HOL m	HOL* m	Length code	R mm	M1 mm	M2 mm	Weight** kg
6.5	4.5	H	2400	1272	565	2000
9	7	J	2400	1622	389	2200
11	9	K	3100	1922	339	2600
13.5	11.5	L	3100	2272	414	2700
15.5	13.5	M	3800	2522	840	3100
17.5	15.5	N	3800	2822	690	3200

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	A7	S7	S8	SA
MOT (mm)	536	576	536	715	763	803
Weight (kg)	85	105	71	81	97	120

Trolley dimensions

C	ØF	E1	E2	E3	F1	F2	F3	GEA	H3	M3	RO
1430	18	488	941	122	220	540	70	218	871	44	92
TD	TH										
330	405										

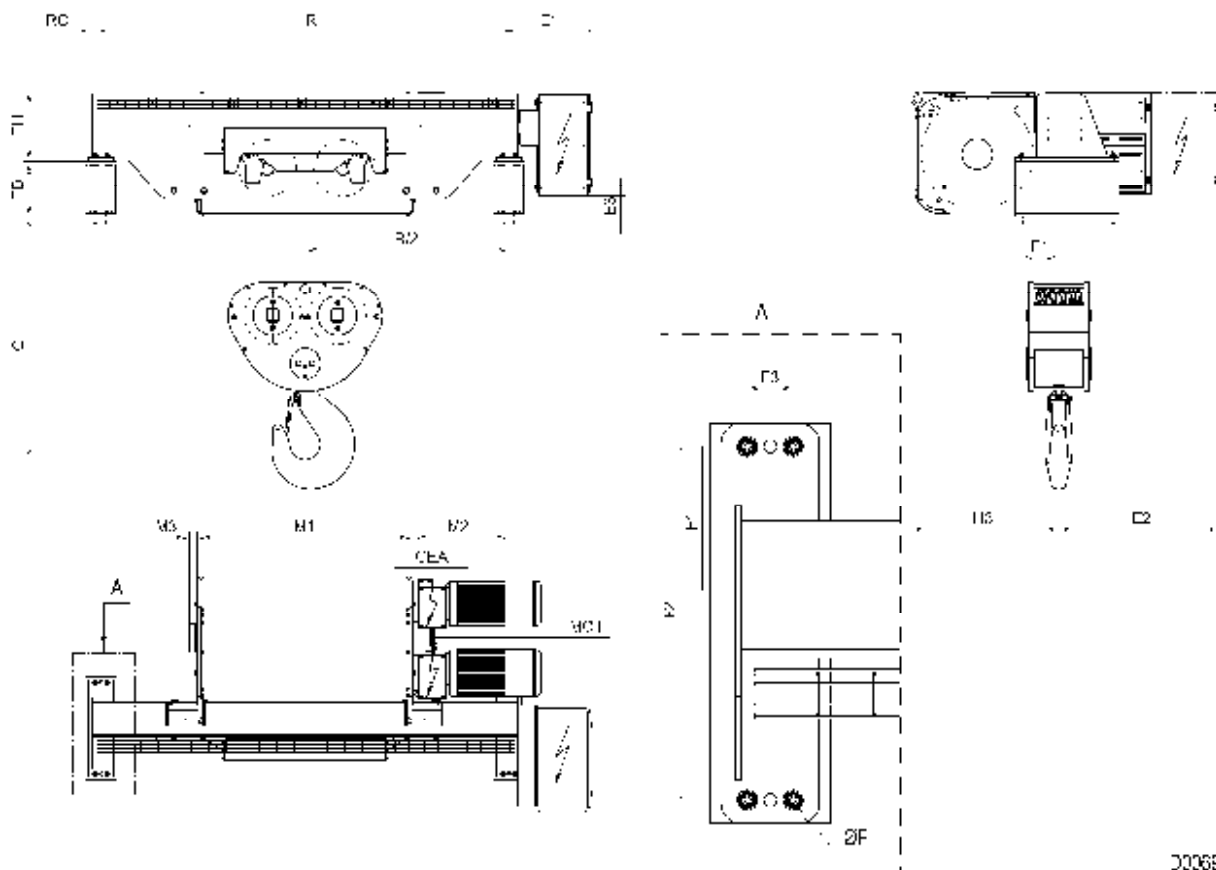
D006947_A
102584

Note: All dimensions in mm.

Note: Weight calculated with P6 motors.

Note: The larger electrical cubicle is required with P7 motors.

Fixed Hoist VT5, REEVING: 28



0006947-A

MACHINERY HOIST

103 MACHINERY HOIST VT1, REEVING: M1

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
24	A	318	182	270	95
38	C	448	288	400	105

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	382	442	472	442	522
Weight (kg)	21	31	35	32	28

Trolley dimensions

ØF	E1	GEA	H1	M2	T2	TH	TO				
14	291	114	28	24	300	386	40				

D002083_A
062495

Note: All dimensions in mm.

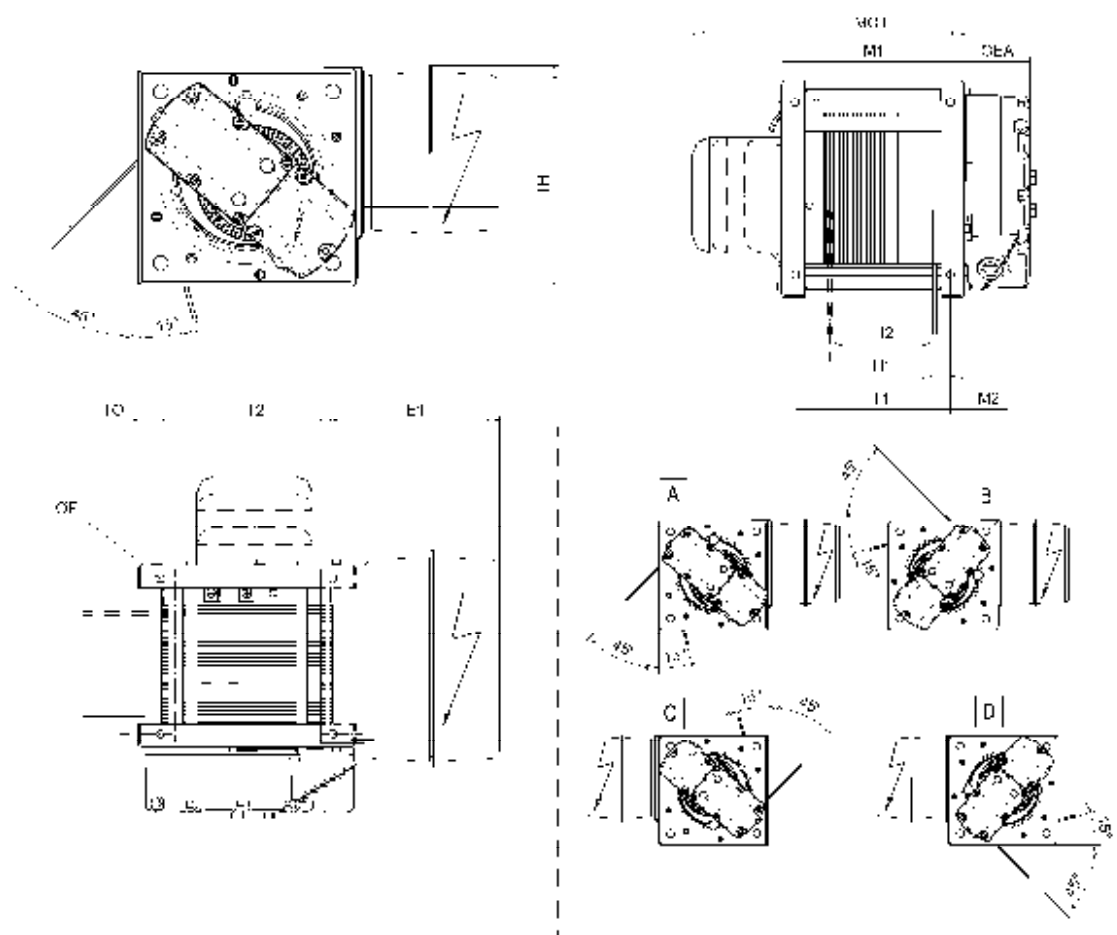
Note: Weight calculated with P1 motor.

Note: Motor P1 is unavailable for load classes 600 and 800 kg.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT1, REEVING: M1

Note: Rope directions presented in detail views: A: down, B: left, C: up, D: right.



3002085-A

104 MACHINERY HOIST VT1, REEVING: M2, ROPES TO SAME DIRECTION

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
7	A	318	53	270	95
15	C	448	118	400	105

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	382	442	472	442	522
Weight (kg)	21	31	35	32	28

Trolley dimensions

ØF	E1	GEA	H1	H3	M2	T2	TH	TO			
14	291	114	28	74	24	300	386	40			

D002085_A
062496

Note: All dimensions in mm.

Note: Weight calculated with P1 motor.

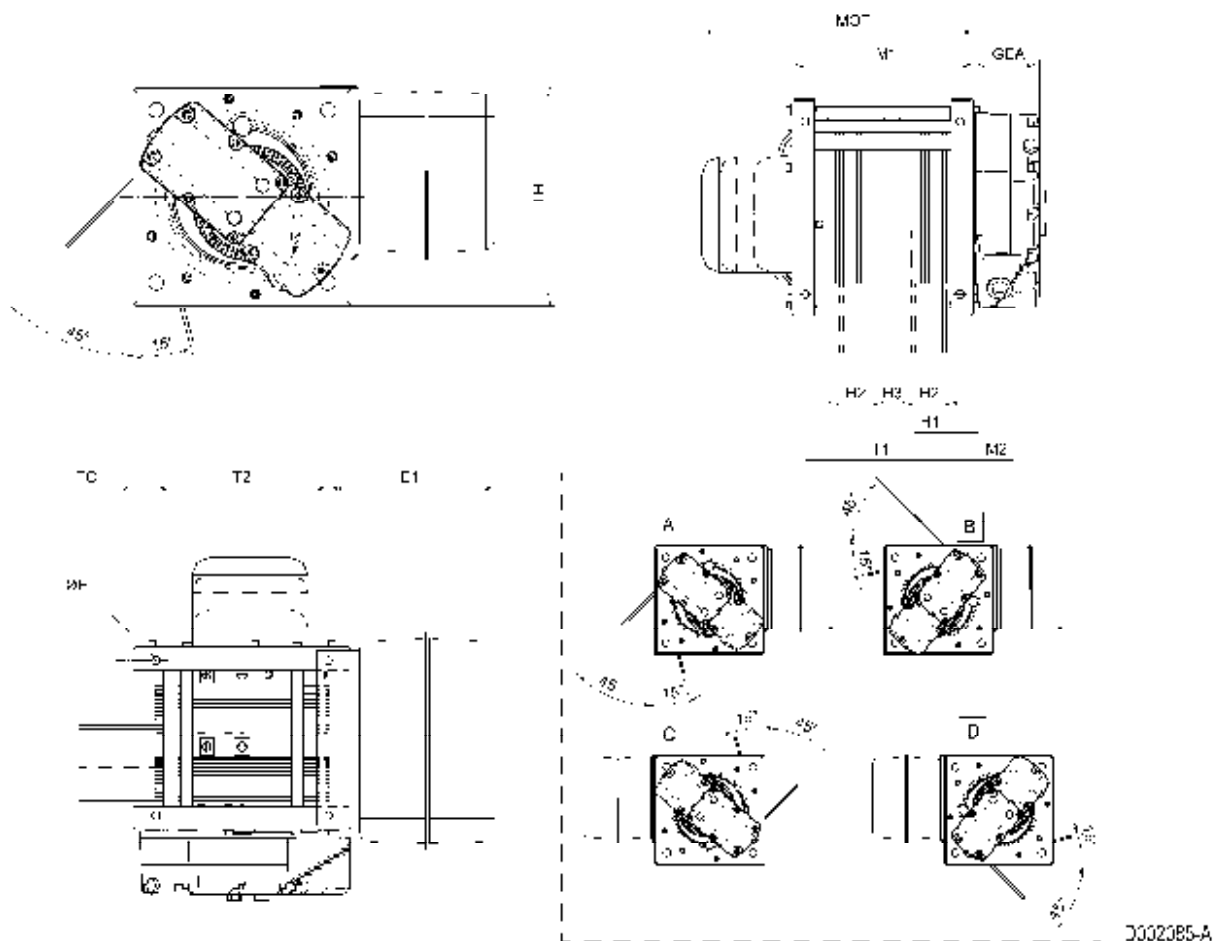
Note: Motor P1 is unavailable for load classes 600 and 800 kg.

Note: Rope 1 closer to the gearbox.

Note: max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT1, REEVING: , Ropes To Same Direction

Note: Rope directions presented in detail view: A: down, B: left, C: up, D: right.



105 MACHINERY HOIST VT1, REEVING: M2 , ROPES TO OPPOSITE DIRECTIONS

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
7	A	318	53	270	95
15	C	448	118	400	105

Motor dimensions

Motor	P1	P2	P3	A3	S3
MOT (mm)	382	442	472	442	522
Weight (kg)	21	31	35	32	28

Trolley dimensions

ØF	E1	E2	GEA	H1	H3	M2	T2	TH	TO		
14	291	307	114	28	74	24	300	386	40		

D002084_A
062561

Note: All dimensions in mm.

Note: Weight calculated with P1 motor.

Note: Motor P1 is unavailable for load classes 600 and 800 kg.

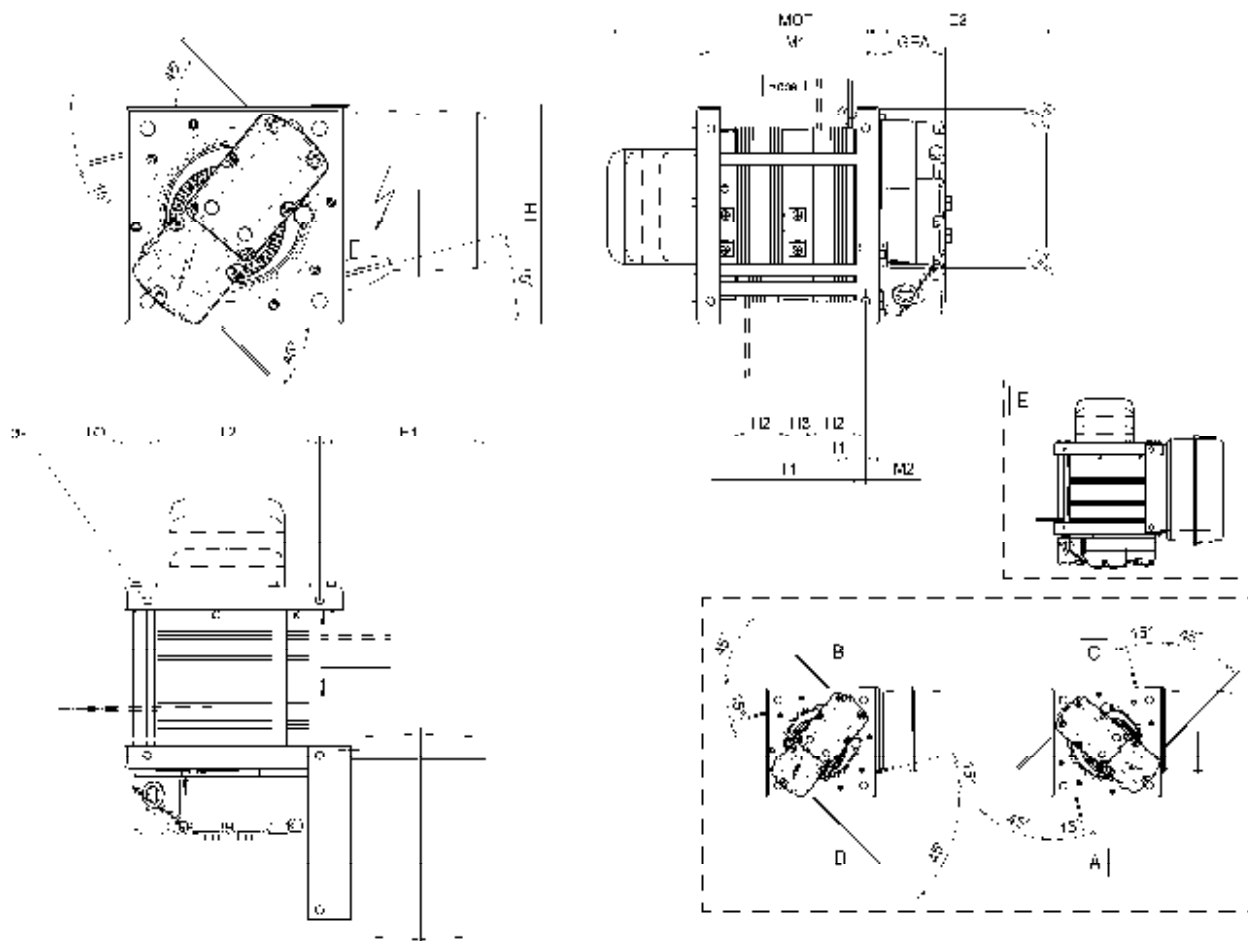
Note: Both ropes within the allowed rope angle!

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT1, REEVING: M2 , Ropes To Opposite Directions

Note: Rope directions presented in detail views: A: rope 1 down, B: rope 1 left, C: rope 2 up, D: rope 2 right.

Note: Detail view E shows the optional and transport position of the cubicle.



3002084-A

106 MACHINERY HOIST VT2, REEVING: M1

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
24	B	350	196	300	140
36	C	450	292	400	150
48	D	550	392	500	160
62	E	670	506	620	170

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	470	571	440	520	599
Weight (kg)	35	53	32	28	53

Trolley dimensions

ØF	E1	GEA	H1	M2	T2	TH	TO				
18	294	119	40	25	350	456	43				

D002108_A
062500

Note: All dimensions in mm.

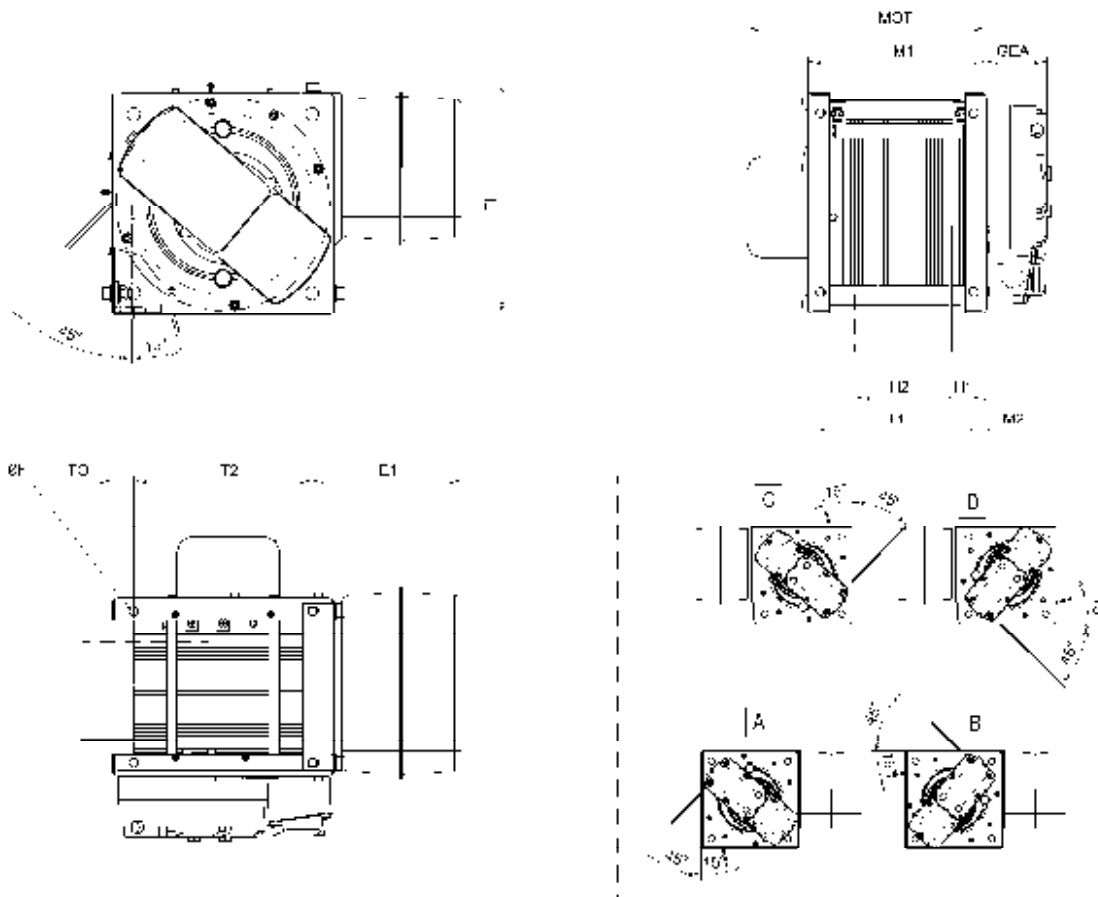
Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 1600 kg.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT2, REEVING: M1

Note: Rope directions presented in detail views: A: down, B: left, C: up, D: right.



300210B-A

107 MACHINERY HOIST VT2, REEVING: M2, ROPES TO SAME DIRECTION

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
9.5	B	350	62	300	140
17	C	450	112	400	150
25	D	550	162	500	160
34	E	670	222	620	170

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	470	571	440	520	599
Weight (kg)	35	53	32	28	53

Trolley dimensions

ØF	E1	GEA	H1	H3	M2	T2	TH	TO			
18	294	119	40	80	25	350	456	43			

D002110_A

062505

Note: All dimensions in mm.

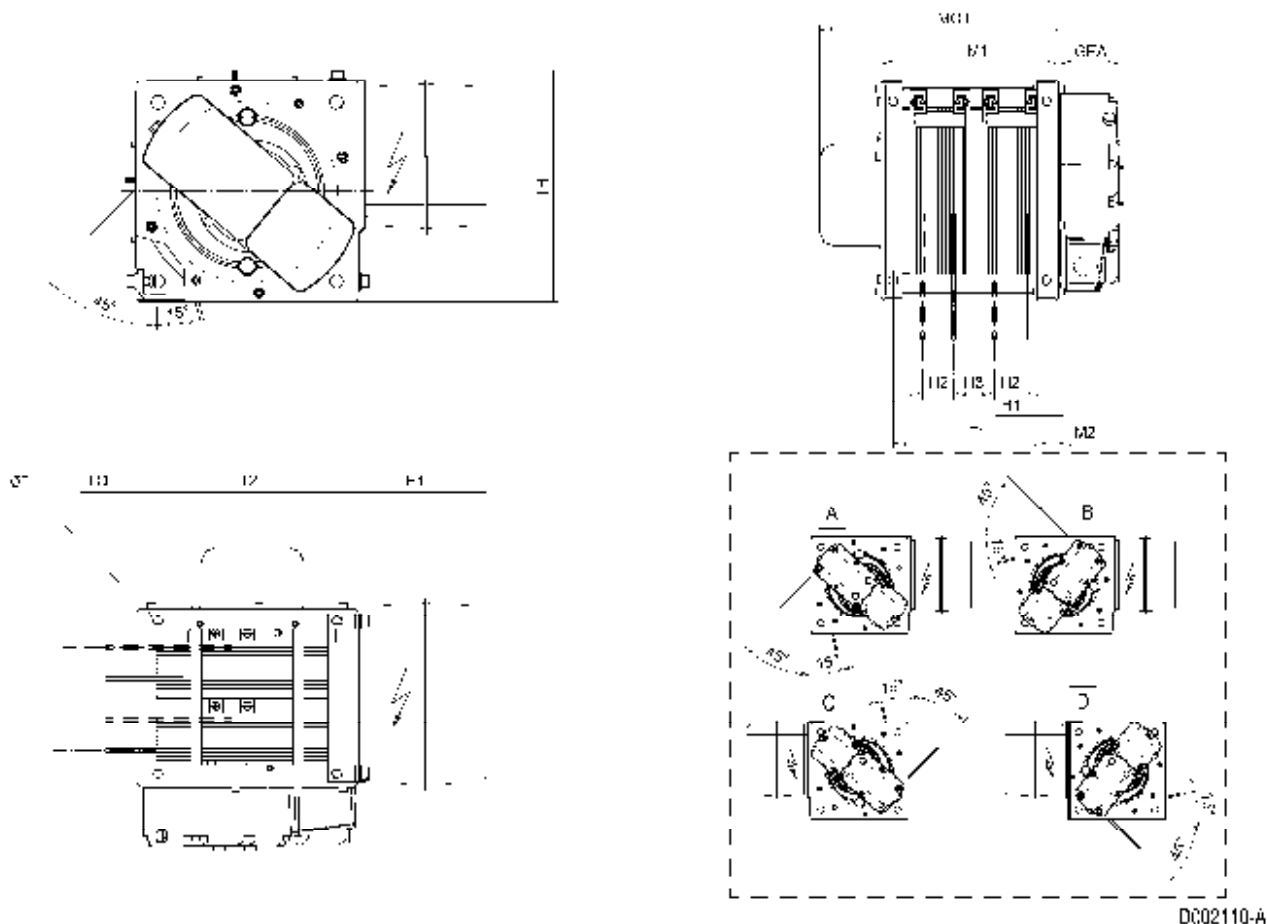
Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 1600 kg.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT2, REEVING: M2, Ropes To Same Direction

Note: Rope directions presented in detail view: A: down, B: left, C: up, D: right.



108 MACHINERY HOIST VT2, REEVING: M2, ROPES TO OPPOSITE DIRECTIONS

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
9.5	B	350	62	300	140
17	C	450	112	400	150
25	D	550	162	500	160
34	E	670	222	620	170

Motor dimensions

Motor	P3	P4	A3	S3	S5
MOT (mm)	470	571	440	520	599
Weight (kg)	35	53	32	28	53

Trolley dimensions

ØF	E1	E2	GEA	H1	H3	M2	T2	TH	TO		
18	296	308	119	40	80	25	350	456	43		

D002109_A

062501

Note: All dimensions in mm.

Note: Weight calculated with P3 motor.

Note: Motor S5 is unavailable for load class 1600 kg.

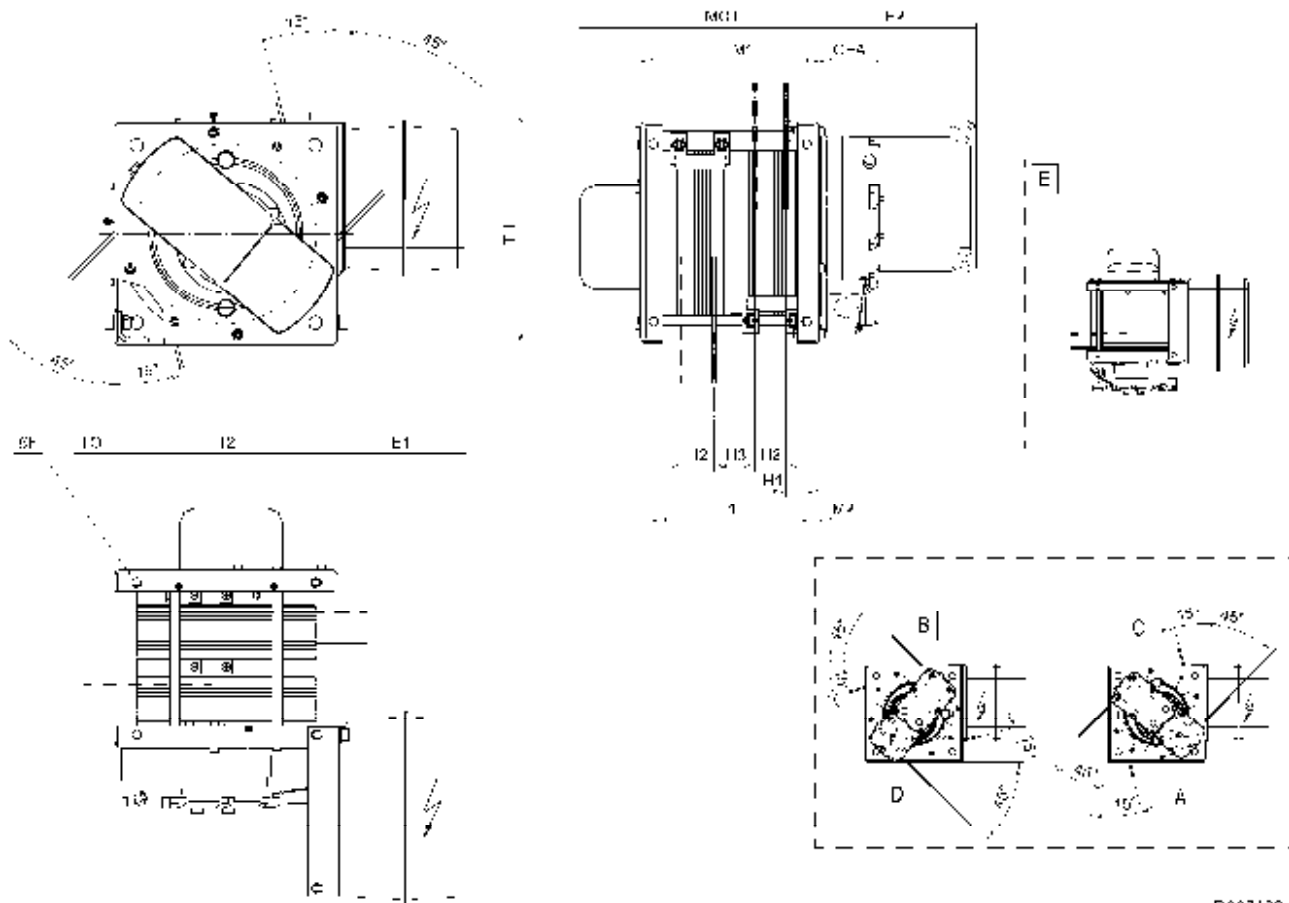
Note: Max rope angle from drum groove +/- 4 degrees.

Note: Rope 1 closer to the gearbox.

Machinery Hoist VT2, REEVING: M2, Ropes To Opposite Directions

Note: Rope directions presented in detail view: A: rope 1 down, B: rope 1 left, C: rope 2 up, D: rope 2 right.

Note: Detail view E shows the optional and transport position of the cubicle.



D00210S-A

109 MACHINERY HOIST VT3, REEVING: M1

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
36	D	552	352	490	315
48	E	672	472	610	330
64	F	822	622	760	350
82	G	1012	812	950	370

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	575	575	615	495	603	754
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

ØF	E1	GEA	H1	M2	T2	TH	TO				
22	391	146	54	31	400	541	58				

D002138_A
062940

Note: All dimensions in mm.

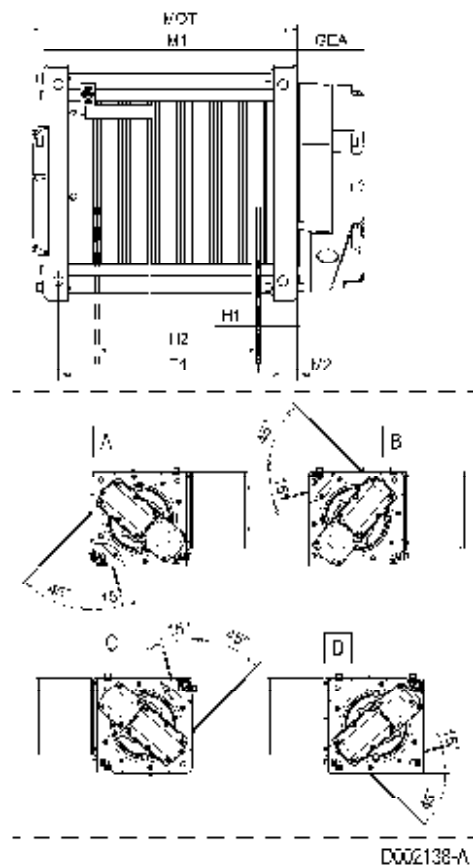
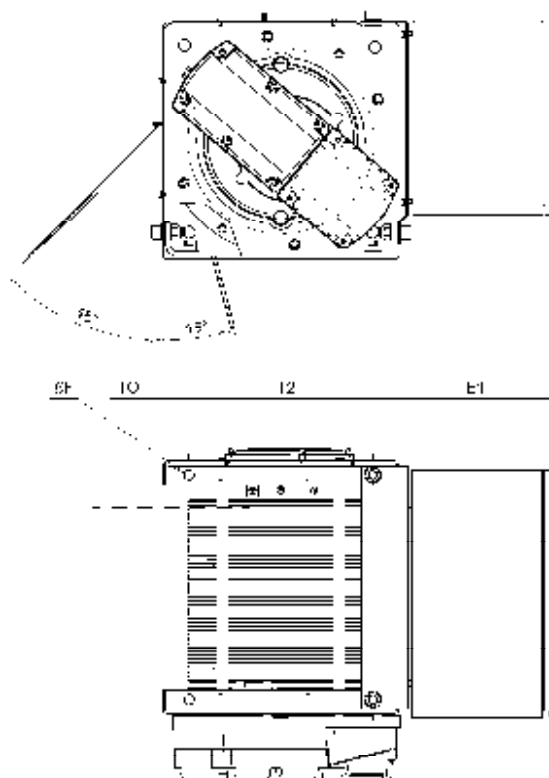
Note: Weight calculated with P5 motor.

Note: Motor S7 is unavailable for load class 3150 kg.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT1, REEVING: M1

Note: Rope directions presented in detail view: A: down, B: left, C: up, D: right.



110 MACHINERY HOIST VT3, REEVING: M2, ROPES TO SAME DIRECTION

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
18	D	552	128	490	315
27	E	672	188	610	330
38	F	822	263	760	350
50	G	1012	358	950	370

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	575	575	615	495	603	754
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

ØF	E1	E2	GEA	H1	H3	M2	T2	TH	TO		
22	391	499	146	65	99	31	400	541	58		

D002137_A

062942

Note: All dimensions in mm.

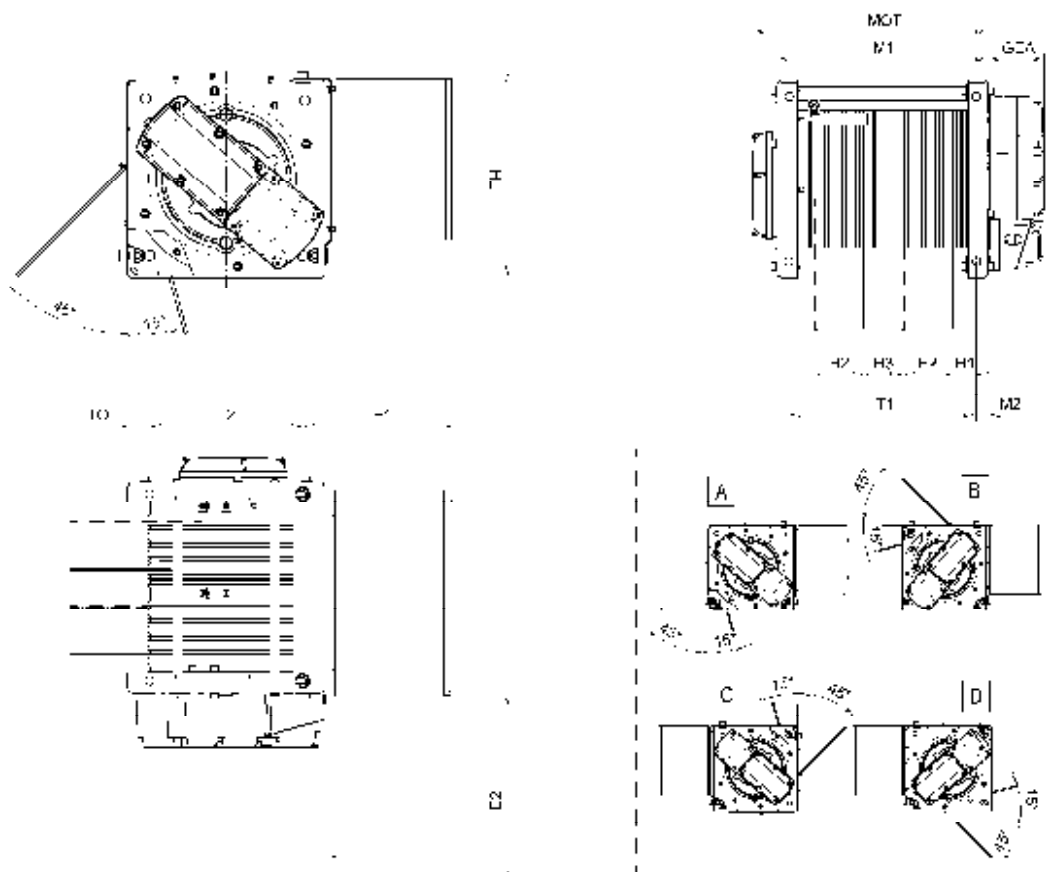
Note: Weight calculated with P5 motor.

Note: Motor S7 is unavailable for load class 3150 kg.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT1, REEVING: m2, Ropes To Same Direction

Note: Rope directions presented in detail view: A: down, B: left, C: up, D: right.



D002137-A

111 MACHINERY HOIST VT3, REEVING: M2, ROPES TO OPPOSITE DIRECTIONS

Hoist dimensions

HOL m	Length code	M1 mm	H2 mm	T1 mm	Weight kg
18	D	552	128	490	315
27	E	672	188	610	330
38	F	822	263	760	350
50	G	1012	358	950	370

Motor dimensions

Motor	P5	P6	P7	A5	S5	S7
MOT (mm)	575	575	615	495	603	754
Weight (kg)	58	85	105	45	53	81

Trolley dimensions

ØF	E1	E2	GEA	H1	H3	M2	T2	TH	TO		
22	391	499	146	65	99	31	400	541	58		

D002139_A

062943

Note: All dimensions in mm.

Note: Weight calculated with P5 motor.

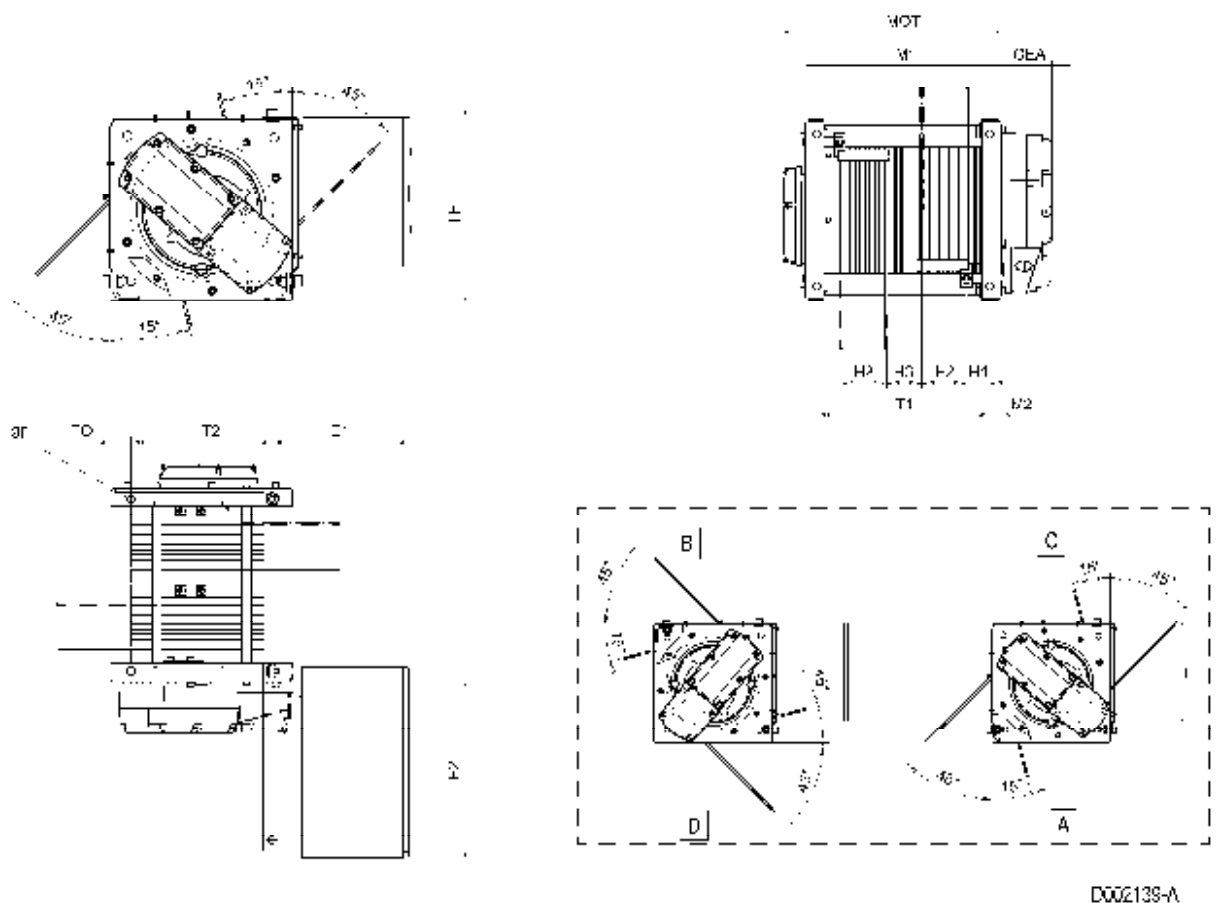
Note: Motor S7 is unavailable for load class 3150 kg.

Note: Rope 1 closer to the gearbox.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT1, REEVING: M2, Ropes To Opposite Directions

Note: Rope directions presented in detail view: A: rope 1 down, B: rope 1 left, C: rope 2 up, D: rope 2 right.



112 MACHINERY HOIST VT4, REEVING: M1

Hoist dimensions

HOL m	HOL* m	Length code	H2 mm	T1 mm	M1 mm	Weight** kg
32	22	C	286	400	466	600
43	33	D	385	500	566	630
56.5	46.5	E	506	620	686	660
73	63	F	654	770	836	700
94.5	84.5	G	846	960	1026	740
122.5	112.5	H	1097	1210	1276	810
161.5	151.5	J	1446	1560	1626	900
195	185	K	1746	1860	1926	980

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

ØF	E1	E2	GEA	H1	LIF	M2	M3	T2	T3	T4	TH
21	300	669	218	57	62	33	44	660	540	420	809
TO											
72											

D002433_A
063844

Note: All dimensions in mm.

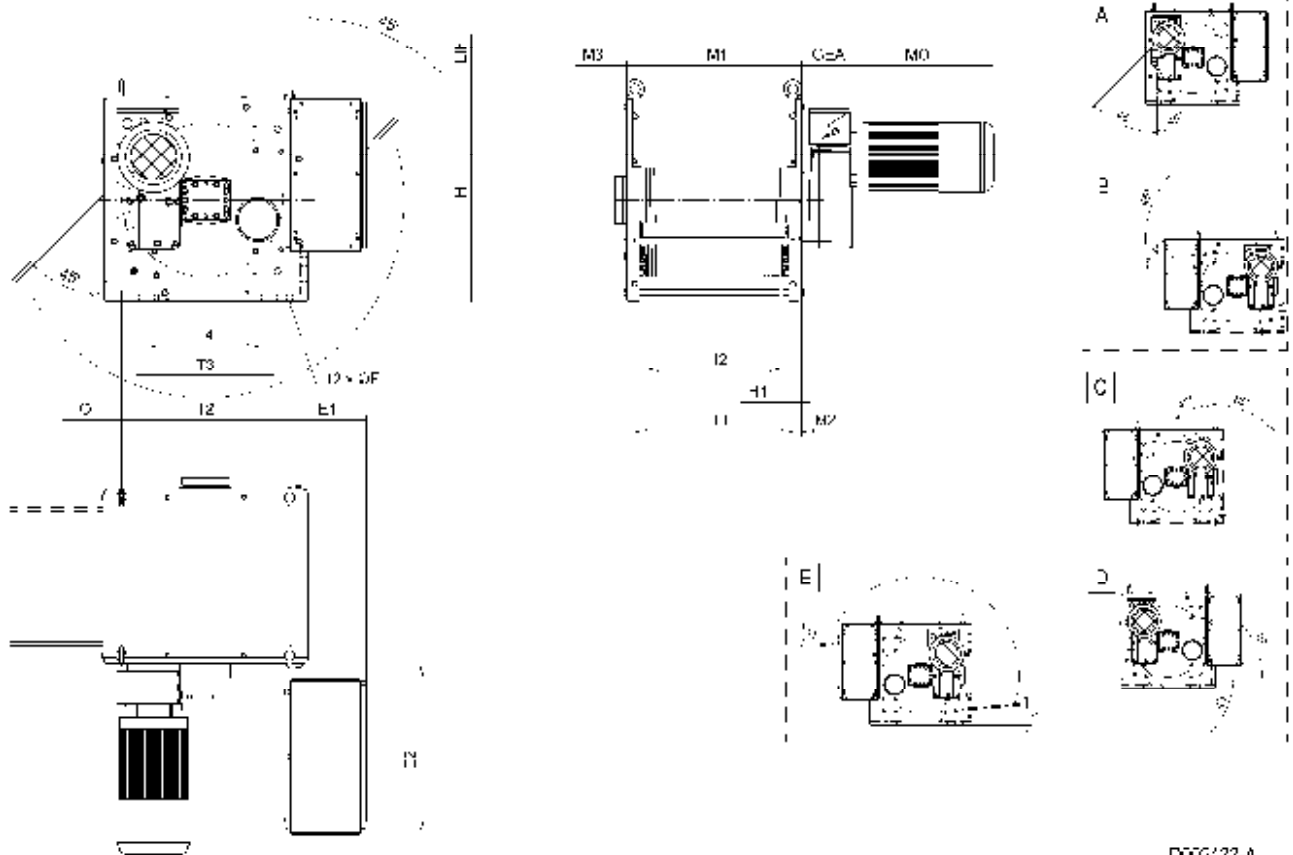
Note: Weight calculated with P6 motor.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT4, REEVING: M1

Note: Rope directions presented in detail views: A: down, B: left, C: up, D: right.

Note: Detail view E for alternative mounting.



113 MACHINERY HOIST VT4, REEVING: M2

Hoist dimensions

HOL m	HOL* m	Length code	H2 mm	T1 mm	M1 mm	Weight** kg
37	23	E	242	620	686	660
48.5	34.5	F	317	770	836	700
63	49	G	412	960	1026	740
82	68	H	537	1210	1276	810
108.5	94.5	J	710	1560	1626	900
131.5	117.5	K	861	1860	1926	980
158.5	144.5	L	1037	2210	2276	1070
177.5	163.5	M	1162	2460	2526	1140
200.5	186.5	N	1312	2760	2826	1220

*HOL with drum brake

**Presence of a drum brake will increase weight by 80 kgs.

Motor dimensions

Motor	P6	P7	P8	A7	S7	S8	SA
MOT (mm)	536	576	711	536	715	763	803
Weight (kg)	85	105	106	71	81	97	120

Trolley dimensions

ØF	E1	E2	GEA	H1	H3	LIF	M2	M3	T2	T3	T4
21	308	669	218	53	30	62	33	44	660	540	420
TH	TO										
809	72										

D002411_A
063845

Note: All dimensions in mm.

Note: Weight calculated with P6 motor.

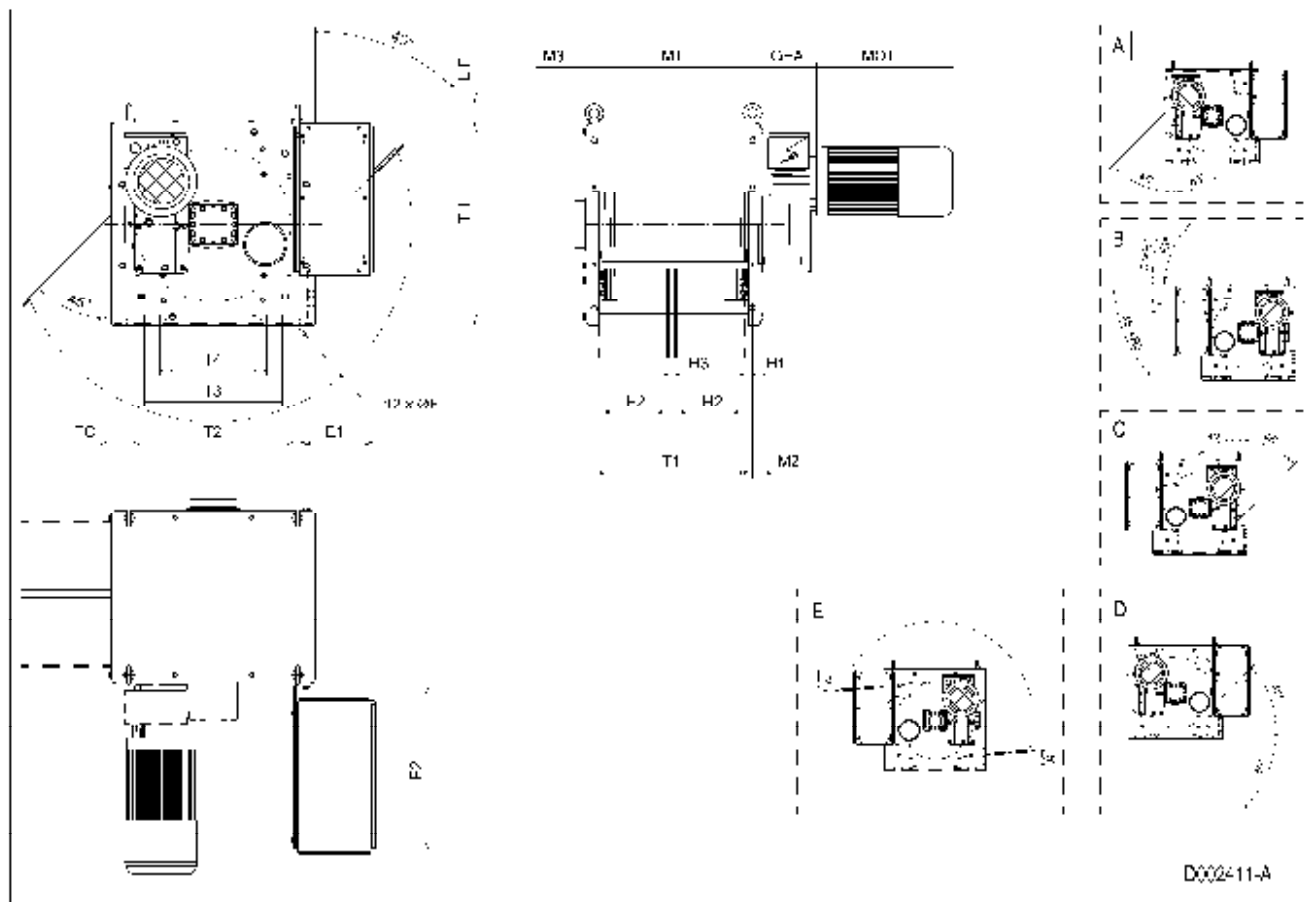
Note: Angle of rope 2 can variate 0-360 degrees.

Note: Max rope angle from drum groove +/- 4 degrees.

Machinery Hoist VT4, REEVING: M2

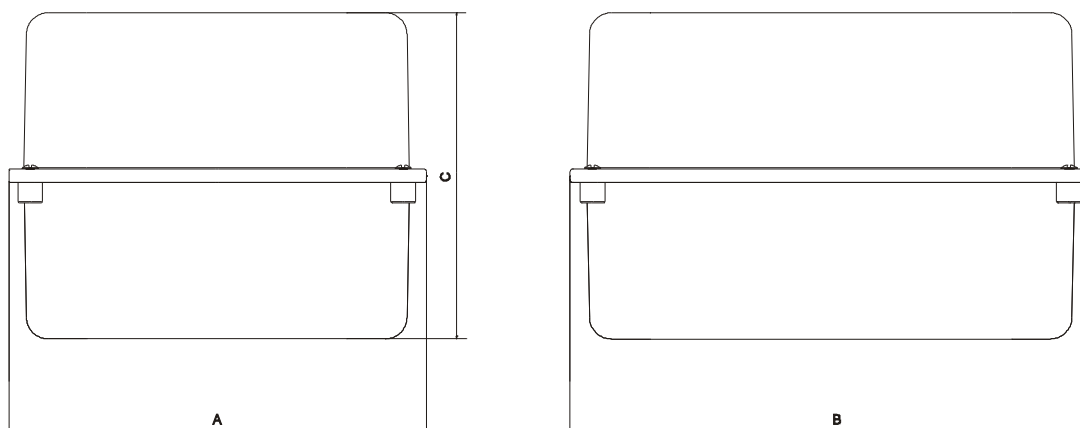
Note: Rope directions presented in detail views: A: down, B: left, C: up, D: right.

Note: Detail view E for alternative mounting and rope 1 angle.



114 HOIST ELECTRIC CUBICLES

114.1 Deep-Drawn Hoist Cubicles; 'QBOX'



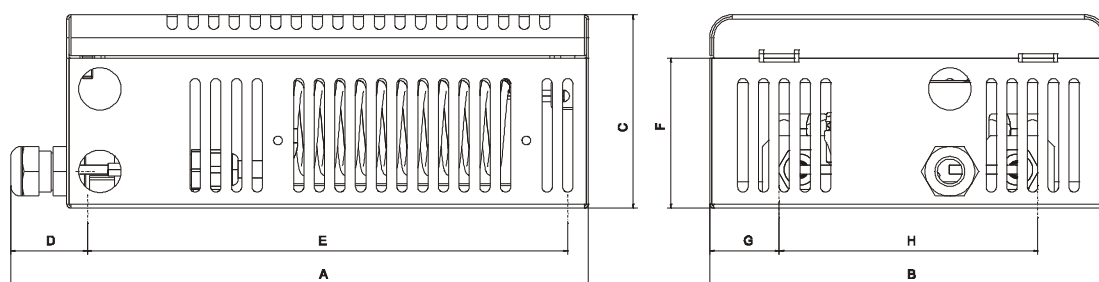
Dimensions

Cubicle	A (mm)	B (mm)	C (mm)	Weight (kg)
With Standard Cover	306.5	383	124	4
With Integrated Braking Resistor	306.5	383	125	8

Note: QBOX with integrated braking resistor is not available in stainless steel. If stainless steel cubicles are required, braking resistors are built into an external resistor cubicle.

Note: All dimensions in mm.

114.2 External Resistor Cubicle; 'RBOX'

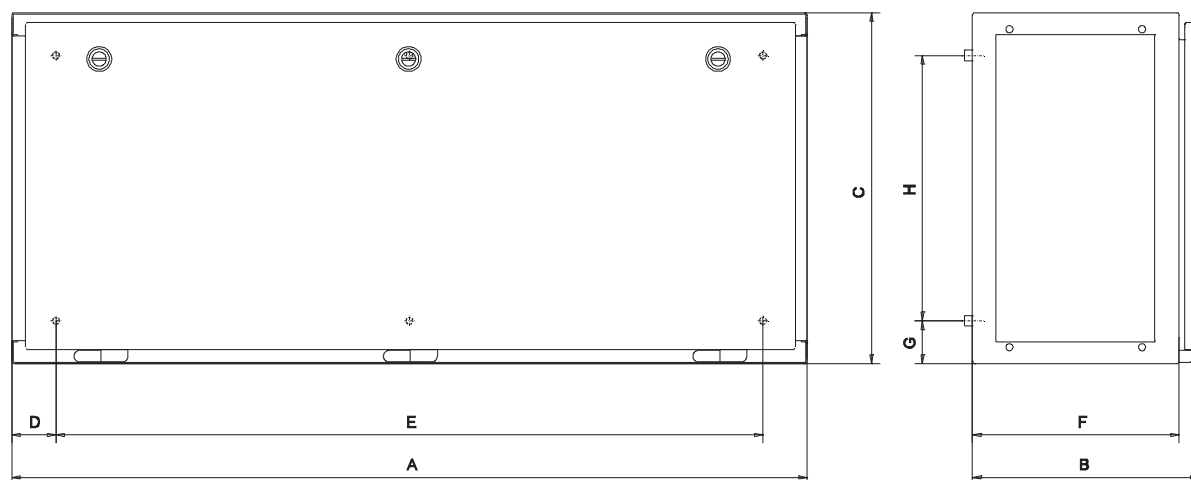


Dimensions

Cubicle	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Weight (kg)
'RBOX'	279	192	93.8	37	232	72.8	33.5	125	1.68

Note: All dimensions in mm.

114.3 Hinged Hoist Cubicles



Dimensions

Cubicle	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Weight (kg)
H260x250x160	260	160	250	25	210	140	25	200	4.5
H350x300x200	350	213	300	18	310	192	40.5	230	9.5
H400x400x250	400	255	400	50	300	235	50	300	13
H540x420x300	540	305	420	75	390	285	27.5	365	18
H540x650x300	540	308	650	75	390	285	27.5	595	28
H600x250x200	600	216	250	50	500	195	50	150	14
H600x600x300	600	308	600	50	500	285	50	500	32
H900x250x200	900	216	250	50	800	195	50	150	17
H900x400x250	900	257	397	50	800	234	48.5	300	24
H1000x600x300	1000	305	600	50	900	284	50	500	49
H1200x400x250	1200	257	397	50	1100	234	48.5	300	31

Note: All dimensions in mm.

114.4 Hoist Electric Cubicle Selection With Crane Electric Provisions

Hoist Type	Main Cubicle	Auxiliary Cubicle	Optional Main Cubicles
Low Headroom			
VT1-R	Q-Box	Q-Box	-
VT2-R	Q-Box	Q-Box	-
VT3-R	540x420x300	-	540x650x300
Normal Headroom			
VT1-N	Q-Box	Q-Box	-
VT2-N	Q-Box	Q-Box	-
VT3-N	540x420x300	-	540x650x300
VT4-N, 400V or 460V			
<i>Basic electrics</i>	600x600x300	-	1000x600x300
<i>Standard electrics</i>			
VARIATOR TM 3 002	600x600x300	-	1000x600x300
VARIATOR TM 3 003-004	1000x600x300	-	-
VARIATOR TM 3 005-007	600x600x300*	-	1000x600x300
<i>Special electrics</i>			
VARIATOR TA2 002-005	600x600x300	600x400x250	1000x600x300
VARIATOR TA2 007-011	600x600x300*	-	1000x600x300
VT4-N, other voltages			
<i>Basic electrics</i>	1000x600x300	-	-
<i>Standard electrics</i>			
VARIATOR TM 3 002	1000x600x300	-	-
VARIATOR TM 3 003-004	1000x600x300	600x400x250	-
VARIATOR TM 3 005-007	600x600x300*	-	1000x600x300
<i>Special electrics</i>			
VARIATOR TA2 002-011	600x600x300*	-	1000x600x300
Double Girder			
VT1-E/H	600x250x200	-	900x250x200
VT2-E/H	600x250x200	-	900x250x200
VT3-E/H	900x400x250	-	1200x400x250
VT3-W	900x250x200	-	600x250x200
VT4-E	1000x600x300	-	900x400x250 600x600x300

VT5-E	1000x600x300	-	600x600x300
Fixed Hoist			
VT1-F	Q-Box	-	-
VT2-F	Q-Box	-	-
VT3-F	540x420x300	-	540x650x300
VT4-F	600x600x300	-	1000x600x300
VT5-F	600x600x300	-	1000x600x300
Machinery Hoist			
VT1-M	Q-Box	-	-
VT2-M	Q-Box	-	-
VT3-M	540x420x300	-	540x650x300
VT4-M	600x600x300	-	1000x600x300

***) Inverter in bridge panel**

114.5 Hoist Electric Cubicle Selection With Solo Electric Provisions

Hoist Type	Main Cubicle	Auxiliary Cubicle	Optional Main Cubicles	Solo Electrics in External Cubicle
Low Headroom				
VT1-R	Q-Box	Q-Box	-	YES
VT2-R	Q-Box	Q-Box	-	YES
VT3-R	540x420x300	-	540x650x300	YES
Normal Headroom				
VT1-N	Q-Box	Q-Box	400x400x250	YES
VT2-N	Q-Box	Q-Box	400x400x250	YES
VT3-N	540x420x300	-	540x650x300	YES
VT4-N, 400V or 460V				
<i>Basic electrics</i>	1000x600x300	-	-	NO
<i>Standard electrics</i>				
VARIATOR TM 3 002	1000x600x300	-	-	NO
VARIATOR TM 3 003-004	1000x600x300	-	-	NO
VARIATOR TM 3 005-007	1000x600x300	1000x600x300	-	NO
<i>Special electrics</i>				
VARIATOR TA2 002-005	1000x600x300	600x400x250	-	NO
VARIATOR TA2 007-011	1000x600x300	1000x600x300	-	NO
VT4-N, other voltages				
<i>Basic electrics</i>	1000x600x300	-	-	NO
<i>Standard electrics</i>				
VARIATOR TM 3 002	1000x600x300	-	-	NO
VARIATOR TM 3 003-004	1000x600x300	600x400x250	-	NO
VARIATOR TM 3 005-007	1000x600x300	1000x600x300**		NO
<i>Special electrics</i>				
VARIATOR TA2 002-005	1000x600x300	600x400x250	-	NO
VARIATOR TA2 007-011	1000x600x300	1000x600x300**	-	NO
Fixed Hoist				
VT1-F	400x400x250	-	-	

VT2-F	400x400x250	-	-	
VT3-F	540x420x300	-	540x650x300	
VT4-F	600x600x300	-	1000x600x300	
VT5-F	600x600x300	-	1000x600x300	

****) Transformer in bridge panel**

191937

115 SOLO ELECTRICS IN EXTERNAL CUBICLE, VT1/VT2/VT3 LOW HEADROOM AND NORMAL HEADROOM HOISTS

Solo electrics in external cubicle increase the hoist overall dimensions. Variable dimension indicates the dimension that is extended by the reported value to produce the new hoist overall dimension ES due to the presence of solo electrics. See the appropriate variable dimensions from the data of the hoist in question.

Hoists not reported here don't have their overall dimensions affected by solo electrics.

VT1/VT2 Hoists

Hoist	Case	ES mm
VT1, Low Headroom	A	B/2 + 697
VT2, Low Headroom	A	B/2 + 709
VT1, Reeving: 02, Normal Headroom	A	813
VT1, Reeving: 04, Normal Headroom	A	797
VT2, Reeving: 02, Normal Headroom	A	843
VT2, Reeving: 04, Normal Headroom	A	818

VT3 Hoists

Hoist	Case	ES mm
VT3, Reeving: 02, Low Headroom	B	442
VT3, Reeving: 04, Low Headroom	B	520
VT3, Normal Headroom, Reeving: 02, Normal Track, Length Codes D/E	B	548
VT3, Normal Headroom, Reeving: 02, Normal Track, Length Codes F/G	B	523
VT3, Normal Headroom, Reeving: 04, Normal Track, Length Codes D/E	B	628
VT3, Normal Headroom, Reeving: 04, Normal Track, Length Codes F/G	B	603
VT3, Normal Headroom, Reeving: 02, Curved Track	B	526
VT3, Normal Headroom, Reeving: 04, Curved Track	B	610
VT3, Normal Headroom, Reeving: 06/08, Length Codes D/E/F	B	684
VT3, Normal Headroom, Reeving: 22/24, Length Codes D/E/F	B	684
VT3, Normal Headroom, Reeving: 26/28, Length Codes E/F	B	719

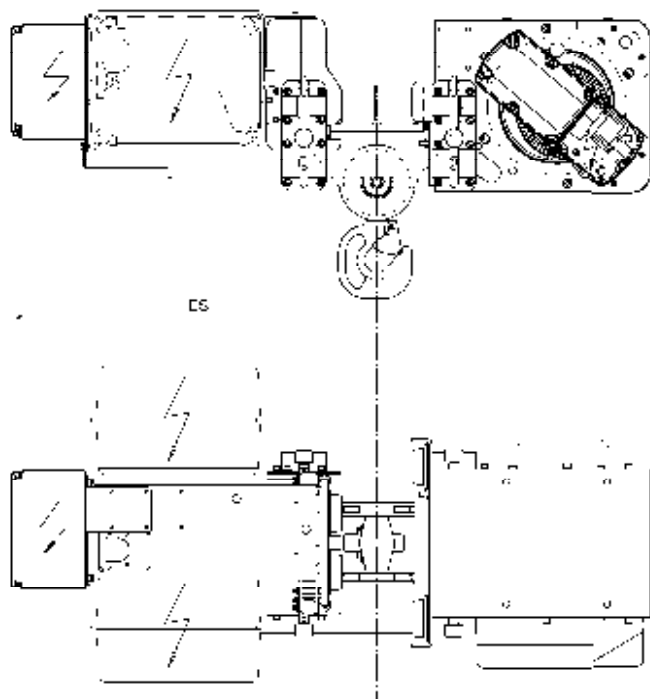
VT3 hoist ES.dimensions given with maximum amount of counterweights.

D007500_A
157545

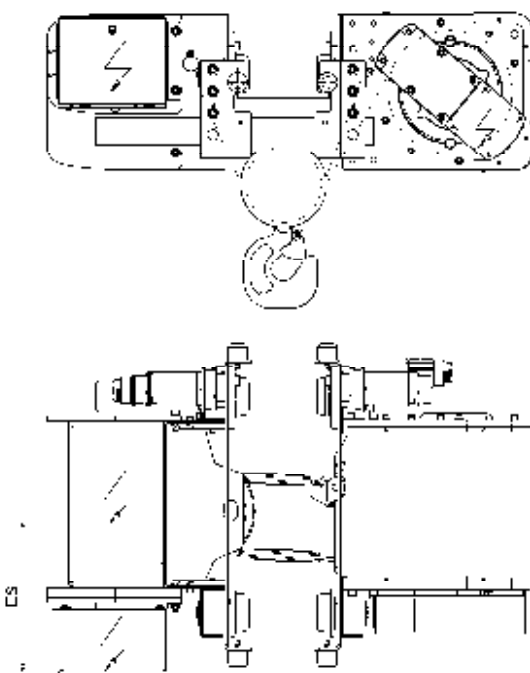
Note: All dimensions in mm.

Solo Electrics In External Cubicle, VT1/VT2/VT3 Low Headroom And Normal Headroom Hoists

A



B



D007500-A

116 HOOK OPERATED ULTIMATE HOISTING LIMIT

The hook operated ultimate hoisting limit is adjusted to engage when the hook is in the minimum C-dimension attainable with a given hoist, as shown in the dimension tables in this technical guide.

The minimum C-dimension is limited by the surrounding steel structure and rope fleet angles. The primary hoisting limit switch must be set to engage before the ultimate limit engagement point. The actual C-dimension is thus increased by the difference between these engagement points.

Additionally, in some trolley constructions, the steel structure of the ultimate limit may restrict hook travel, further impacting the C-dimension. This is the case especially with low headroom trolleys, where available space is most constricted. The tables below show the C-dimension increase for each hoist type.

Double Girder Hoists

Hoist	Reeving	C Increase mm
VT1	02	125
	04	140
VT2	02	140
	04	90
VT3	02/04	120
	06/08	50
	22/24/26/28	50
VT4/VT5	all	50

Fixed Hoists

Hoist	Reeving	C Increase mm
VT1	all	230
VT2	02	230
	04	240
VT3	02/04	120
	06/08	50
	22/24/26/28	50
VT4/VT5	all	50

Normal Headroom Hoists

Hoist	Reeving	C Increase mm
VT1/VT2	all	120
VT3	02/04	120
	06/08	50
	22/24/26/28	50
VT3/VT4	all	50

Low Headroom Hoists

Hoist	Reeving	B min mm	B max mm	C Increase mm
VT1	all	80	270	135
		271	320	105
		321	370	75
		371	410	50
VT2	02	100	250	215
		251	300	185
		301	350	150
		351	400	120
		401	450	85
		451	490	60
	04	100	199	80
		200	249	110
		250	300	145
		301	350	115
		351	400	80
		401	450	50
		451	490	20
	A2	100	300	165
		301	350	140
		351	400	110
		401	450	75
		451	490	45
	A4	100	300	175
		301	350	140
		351	400	110
		401	450	75
		451	490	45
VT3	all	100	610	100

157665

Note: All dimensions in mm.

117 ROPE ANGLE FEATURES

Rope angle features employ an inclinometer to monitor the alignment of the ropes, providing Hook Centering, Snag Prevention and Follow Me functions. The inclinometer is installed between rope termination and hook block, and it may restrict hook block travel. This is the case especially with low headroom trolleys, where available space is most constricted. The tables below show the C-dimension increase for each hoist type. The C-dimension increase depends on whether the hoist also has the hook operated ultimate hoisting limit installed. If the ultimate limit is installed, the values in the table below show the combined C-dimension change.

Double Girder Hoists

Hoist	Reeving	C Increase mm	C Increase with ultimate limit mm
VT1	02	100	150
	04	140	150
VT2	all	100	150
VT3	02/04	120	150
	06/08	100	150
	22/24/26/28	100	150
VT4/VT5	all	100	150

Fixed Hoists

Hoist	Reeving	C Increase mm	C Increase with ultimate limit mm
VT1	all	205	205
VT2	all	100	150
VT3	02/04	120	150
	06/08	100	150
	22/24/26/28	100	150
VT4/VT5	all	100	150

Normal Headroom Hoists

Hoist	Reeving	C Increase mm	C Increase with ultimate limit mm
VT1/VT2	all	120	150
VT3	02/04	120	150
	06/08	100	150
	22/24/26/28	100	150
VT3/VT4	all	100	150

Low Headroom Hoists

Hoist	Reeving	B min mm	B max mm	C Increase mm	C Increase with ultimate limit mm
VT1	all	80	270	135	150
		271	320	105	150
		321	370	100	150
		371	410	100	150
VT2	02	100	250	215	215
		251	300	185	185
		301	350	150	150
		351	400	120	150
		401	450	100	150
		451	490	100	150
	04	100	199	100	150
		200	249	110	150
		250	300	145	150
		301	350	115	150
		351	400	100	150
		401	450	100	150
	A2	100	300	165	165
		301	350	140	150
		351	400	110	150
		401	450	100	150
		451	490	100	150
	A4	100	300	175	175
		301	350	140	150
		351	400	110	150
		401	450	100	150
		451	490	100	150
VT3	all	100	610	100	150

222248

Note: All dimensions in mm.

118 DOUBLE GIRDER TROLLEY OPTIONAL FEATURES

Double girder trolley optional features are installed at the end of the hoist end carriages, thus increasing the hoist overall dimensions BU and RO. The following table shows how much the overall dimensions are increased for each end carriage type (discernable by the end carriage wheel diameter ØWD). The figures are those of how much an individual option affects the total length at one end of the end carriage.

Dimension Increase To Dimensions BU and RO By An Individual Option

ØWD mm	Anti-Jump Catch		Guide Roller		Rail Sweep		Proximity Sensor	
	BU mm	RO mm	BU mm	RO mm	BU mm	RO mm	BU mm	RO* mm
90	10	347	N/A	N/A	236	-	-	174
110	10	332	200	50	236	-	-	159
140	10	332	200	50	236	-	-	159
200	10	308	200	33	236	-	-	135
250	-	291	250	26	250	-	-	100
With 3 Wheels	-	247	250	-	250	-	-	56

*Maximum effect, when longer fixing plate is used and installation is done as indicated on the picture with letter 'A'.

Available buffer extensions lengths according to wheel diameter.

ØWD mm	Buffer Extension Length										
	100 mm	200 mm	250 mm	300 mm	400 mm	500 mm	600 mm	700 mm	750 mm	1000 mm	1500 mm
90	x	x		x	x	x	x	x			
110	x	x		x	x	x	x	x			
140	x	x		x	x	x	x	x			
200	x	x		x	x	x	x	x			
250	x		x			x			x	x	x
With 3 Wheels	x		x			x			x	x	x

Buffer extension length is added to dimension BU.

Buffer extensions never increase hoist overall dimensions in direction of dimension RO.

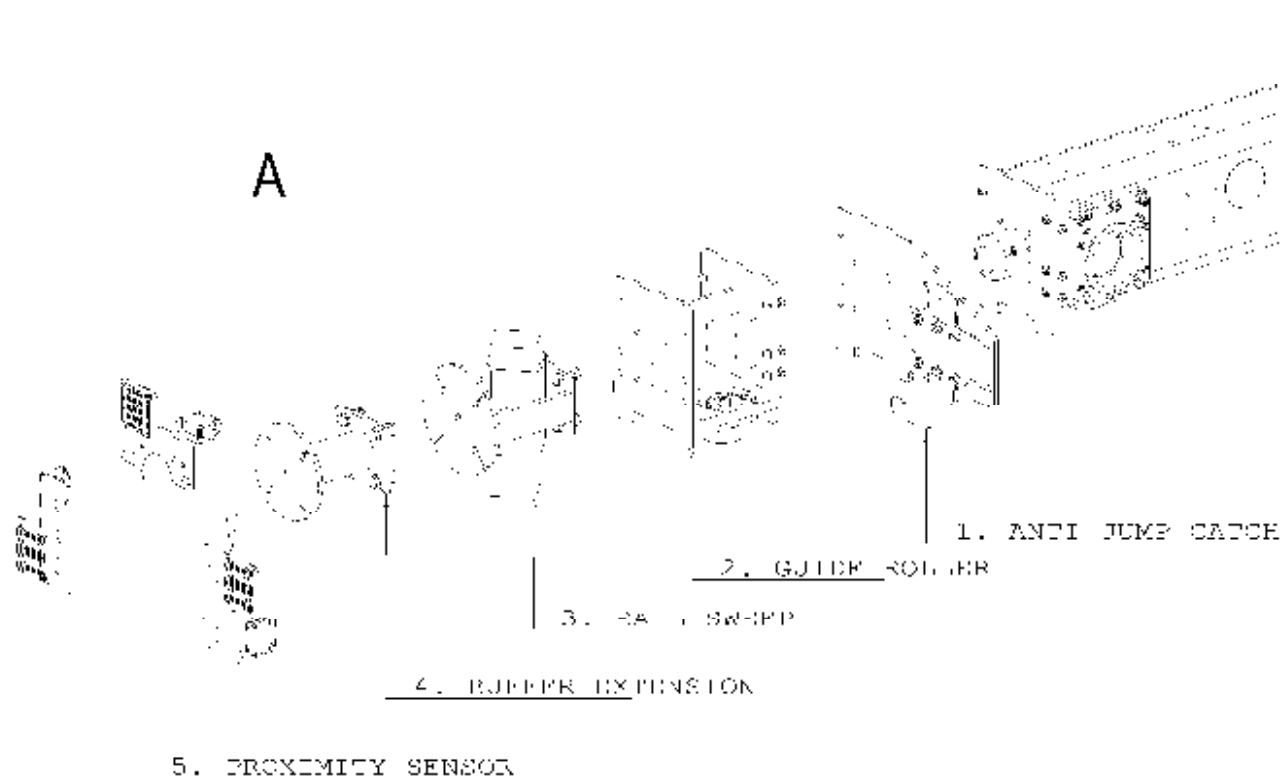
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Note: All dimensions in mm.

Note: Anti-Jump Catches are installed in pairs, one at each end of the end carriage.

Note: Guide rollers are always installed on the electric cubicle side, and they are adjustable for rails 80–120 mm wide. The end carriages are then equipped with flangeless wheels. Guide rollers are not available for the smallest end carriage.

Double Girder Trolley Optional Features



D0075C1-A

119 SERVICE PLATFORM: DOUBLE GIRDER TROLLEY, MEDIUM

Service Platform Dimensions

Buffer Extension Lengths*

Hoist	End Carriage	PL1 mm	PL2 mm	PL3 mm	PH1 mm	PH2 mm	PW mm	Travelling Motor Side mm	Hoisting Unit Side mm
VT2	QNC09	2275	495	495	749	1168	244	500	500
VT3	QNC11	2475	545	555	748	1168	244	500	600
VT3	QNC14	2475	485	585	745	1168	244	500	600
VT3	QNC20	2475	485	585	693	1168	244	500	600
VT4	QNC14	2895	572	498	555	1168	244	600	500
VT4	QNC20	2895	554	480	493	1168	244	600	500
VT4	QNC25	2895	563	469	408	1168	244	750	500
VT5	QNC20	2895	554	480	493	1168	244	600	500
VT5	QNC25	2895	563	469	408	1168	244	750	500
VT5	QNC25B	2895	399	553	373	1168	244	750	500

*Use buffer extensions when two hoists on track.

Service Platform Weights VT2/VT3

R mm	SP1 One platform, hoisting unit side kg	SP2 Two platforms, one on each side kg	SP3 One platform, travelling motor side, VT3 only. kg
1400	244	356	244
1700	265	398	265
2000	291	448	291
2400	319	505	319

Service Platform Weights VT4/VT5*

R mm	SP1 One platform, hoisting unit side kg	SP2 Two platforms, one on each side kg	SP3 One platform, travelling motor side kg
1400	243	358	249
1700	267	406	274
2000	290	455	299
2400	321	520	333
2700	345	568	358
3100	376	636	394
3400	399	683	418
3800	430	748	451
4200	462	812	485

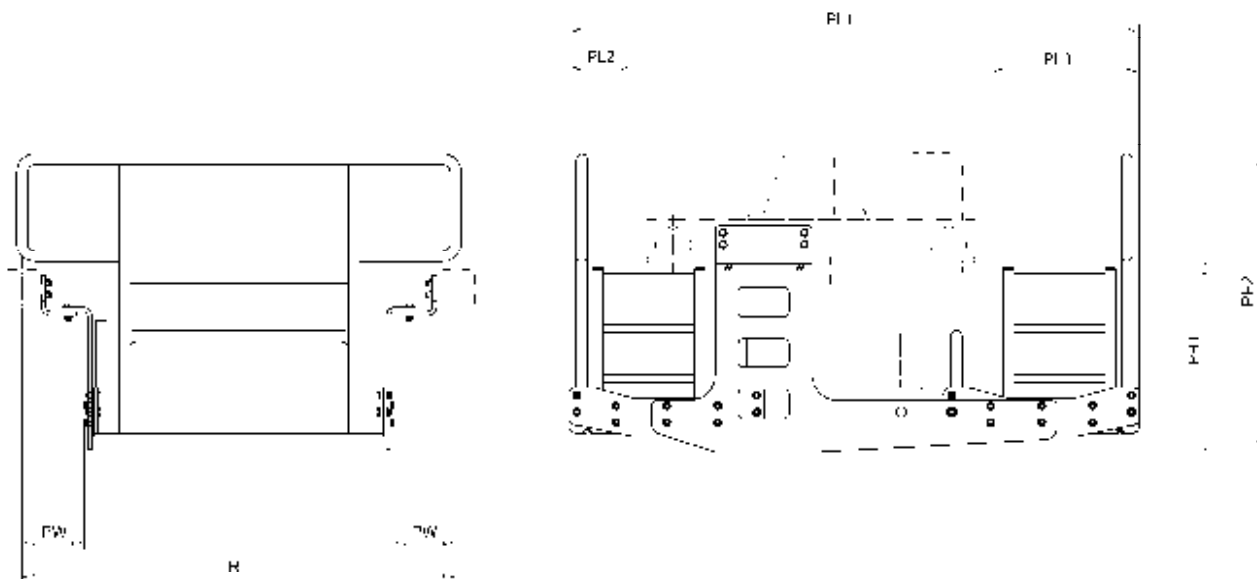
* If the end carriage is QNC25B, reported weight increases by 20 kg.

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135661

Note: All dimensions in mm.

Note: All service platforms are available for medium double girder trolleys ONLY.

Service Platform: Double Girder Trolley, Medium



D007355-A

120 HOOK

120.1 Standard Hook Block Dimensions

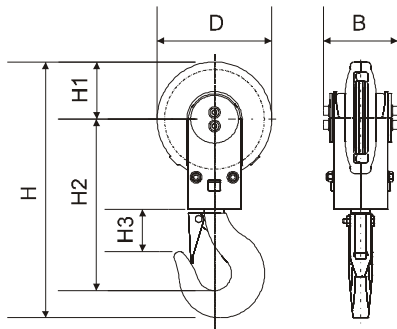


Figure 1

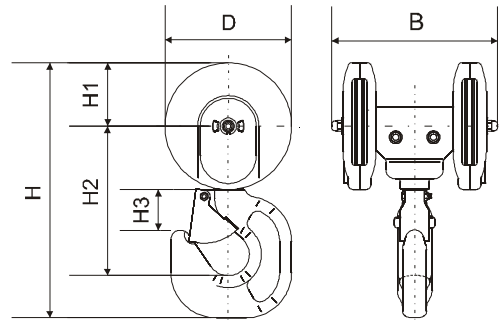


Figure 2

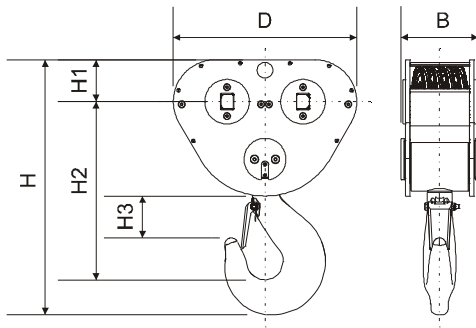


Figure 3

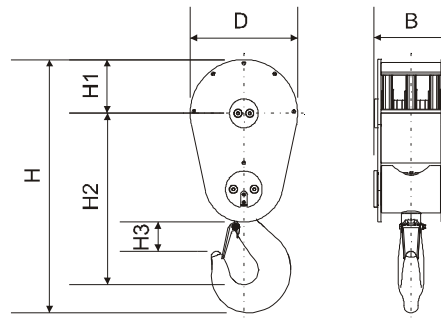


Figure 4

Standard Hook Block Dimensions

Hoist frame	Rope falls	Hoist duty			Hook forging	Fig.	Hook block dimensions (mm)						Weight (kg)
		1Am/M4	2m/M5	3m/M6			H	H1	H2	H3	D	B	
VT1	02		M5	M6	RSN 1 V	1	385	84	261	72	168	108	9.3
VT1	04		M5	M6	HBC 1.6 V	2	337	84	198	54	168	221	13
VT2	02	M4	M5	M6	RSN 1 V	1	425	102	282	72	204	118	14
VT2	04		M5	M6	HBC 2.5 V	2	426	102	259	92	204	270	22
VT2	04	M4			HBC 2.5 V	2	443	102	276	81	204	241	31.5
VT2	A2		M5	M6	RSN 1 V	1	385	84	261	72	168	108	9.3
VT2	A4		M5	M6	HBC 1.6 V	2	337	84	198	54	168	221	13
VT3	02	M4	M5	M6	HBC 2.5 V	1	578	142	371	92	283	148	31
VT3	04		M5	M6	HBC 5 V	2	548	142	316	90	283	376	46.5
VT3	04	M4			HBC 5 V	2	604	142	372	111	283	341	77.5
VT3	06		M5	M6	HBC 5 V	4	740	155	495	101	310	243	86
VT3	08	M4	M5		HBC 5 V	4	740	155	495	101	310	243	91
VT3	22		M5	M6	HBC 2.5 V	4	541	115	361	66	230	203	37
VT3	24		M5	M6	RSN 6 V	3	639	120	433	102	530	243	100
VT3	26		M5	M6	RSN 6 V	3	639	120	433	102	530	243	104
VT3	28	M4	M5		RSN 6 V	3	639	120	433	102	530	243	110
VT4	02	M4	M5	M6	HBC 5 V	4	830	205	535	101	410	244	98
VT4	04	M4	M5	M6	HBC 5 V	4	830	205	535	101	410	244	111
VT4	06	M4	M5	M6	RSN 10 T	4	966	205	654	112	410	282	181
VT4	08	M4	M5		RSN 16 T	4	1119	205	780	160	410	294	251
VT4	22	M4	M5	M6	HBC 5 V	4	740	155	495	101	310	243	78
VT4	24	M4	M5	M6	RSN 6 V	3	719	160	473	102	700	275	143
VT4	26	M4	M5	M6	RSN 10 T	3	830	160	564	117	700	282	192
VT4	28	M4	M5		RSN 16 T	3	974	160	680	160	700	294	277
VT5	22	M4	M5	M6	RSN 6 V	4	844	205	553	102	410	244	111
VT5	24	M4	M5	M6	RSN 16 T	3	1034	200	700	160	910	377	373
VT5	26	M4	M5	M6	RFN 20 T	3	1118	200	766	185	910	377	478
VT5	28	M4	M5		RFN 25 T	3	1219	200	847	205	910	377	603

120.2 Optional Lockable Hook Block Dimensions

Lockable hooks can be prevented from rotating. With the mechanism set to open position, the hook rotates freely. With the mechanism set to locked position, the hook is prevented from rotating. The locked hook has 4 possible orientations in 90 degree increments.

Lockable Hook Block Dimensions

Hoist Frame	Rope Falls	Hoist Duty			Hook Forging	Fig.	Hook Block Dimensions (mm)						C Dimension Change (mm)*	Weight (kg)
		1Am/M4	2m/M5	3m/M6			H	H1	H2	H3	D	B		
VT1	02		M5	M6	RSN 1 V	1	420	84	295	67	168	141	34	13
VT1	04		M5	M6	HBC 1.6 V	2	412	84	272	61	168	202	74	18
VT1	04		M5	M6	RSN 1.6 V	2	416	84	285	70	168	202	87	17
VT2	02	M4	M5	M6	RSN 1 V	1	454	102	312	67	204	117	30	15
VT2	02	M4	M5	M6	RSN 1.6 V	1	472	102	322	70	204	117	40	16
VT2	02	M4	M5	M6	HBC 1.6 V	1	467	102	309	61	204	117	27	17
VT2	04	M4	M5		HBC 2.5 V	2	476	102	309	76	204	240	50	33
VT2	04	M4	M5		RSN 4 V	2	505	102	336	88	204	240	77	34
VT3	02	M4	M5	M6	HBC 2.5 V	1	627	142	420	96	283	148	49	37
VT3	02	M4	M5	M6	RSN 2.5 V	1	613	142	413	82	283	148	42	36
VT3	04	M4	M5		RSN 6 V	2	657	142	429	107	283	340	113	79
VT3	06		M5	M6	RSN 6 V	4	780	155	539	128	310	243	44	91
VT3	08	M4	M5		RSN 6 V	4	780	155	539	128	310	243	44	96
VT3	22		M5	M6	RSN 4 V	4	593	115	411	101	230	203	50	39
VT3	24		M5	M6	RSN 6 V	3	665	120	459	128	530	243	26	96
VT3	26		M5	M6	RSN 6 V	3	665	120	459	128	530	243	26	101
VT3	28	M4	M5		RSN 6 V	3	665	120	459	128	530	243	26	106
VT4	02	M4	M5	M6	RSN 6 V	4	870	205	582	128	410	244	47	107
VT4	04	M4	M5	M6	RSN 6 V	4	870	205	579	128	410	244	44	120
VT4	06	M4	M5	M6	RSN 10 T	4	987	205	675	133	410	282	21	184
VT4	08	M4	M5		RSN 16 T	4	1142	205	803	183	410	294	23	275
VT4	22	M4	M5	M6	RSN 6 V	4	780	155	539	128	310	243	44	86
VT4	24	M4	M5	M6	RSN 6 V	3	745	160	499	128	700	275	26	150
VT4	26	M4	M5	M6	RSN 10 T	3	852	160	585	138	700	281	21	199
VT4	28	M4	M5		RSN 16 T	3	997	160	703	160	700	294	23	288
VT5	22	M4	M5	M6	RSN 6 V	4	870	205	579	128	410	243	26	119
VT5	24	M4	M5	M6	RSN 16 T	3	1050	200	716	176	910	376	16	377
VT5	26	M4	M5	M6	RFN 20 T	3	1153	200	801	220	910	377	35	477
VT5	28	M4	M5		RFN 25 T	3	1253	200	881	239	910	378	34	608

*The figure represents an increase to the hoist C dimension when equipped with lockable hook instead of a standard hook.

120.3 Optional Isolated Hook Block Dimensions

Isolated hooks are isolated against electrical current transmitted between the hook forging and the steel wire rope.

Isolated Hook Block Dimensions

Hoist Frame	Rope Falls	Hoist Duty			Hook Forging	Fig.	Hook Block Dimensions (mm)						C Dimension Change (mm)*	Weight (kg)
		1Am/M4	2m/M5	3m/M6			H	H1	H2	H3	D	B		
VT1	02		M5	M6	RSN 1 V	1	419	84	295	68	168	148	34	10
VT1	04		M5	M6	HBC 1.6 V	2	418	84	278	62	168	202	80	20
VT1	04		M5	M6	RSN 1.6 V	2	422	84	291	71	168	202	93	19
VT2	02	M4	M5	M6	RSN 1 V	1	454	102	312	68	204	122	30	14
VT2	02	M4	M5	M6	RSN 1.6 V	1	472	102	322	67	204	122	40	16
VT2	02	M4	M5	M6	HBC 1.6 V	1	467	102	309	58	204	122	27	16
VT2	04	M4	M5		HBC 2.5 V	2	480	102	313	88	204	240	54	34
VT2	04	M4	M5		RSN 4 V	2	510	102	340	100	204	240	81	35
VT3	02	M4	M5	M6	HBC 2.5 V	1	627	142	420	109	283	162	49	32
VT3	02	M4	M5	M6	RSN 2.5 V	1	613	142	413	95	283	162	42	31
VT3	04	M4	M5		RSN 6 V	2	661	142	433	131	283	340	117	79
VT3	06		M5	M6	RSN 6 V	4	757	155	516	105	310	243	21	86
VT3	08	M4	M5		RSN 6 V	4	757	155	516	105	310	243	21	91
VT3	22		M5	M6	RSN 4 V	4	580	115	402	92	230	203	41	37
VT3	24		M5	M6	RSN 6 V	3	642	120	436	105	530	243	3	94
VT3	26		M5	M6	RSN 6 V	3	642	120	436	105	530	243	3	99
VT3	28	M4	M5		RSN 6 V	3	642	120	436	105	530	243	3	104
VT4	02	M4	M5	M6	RSN 6 V	4	847	205	556	105	410	244	21	102
VT4	04	M4	M5	M6	RSN 6 V	4	847	205	556	105	410	243	21	112
VT4	06	M4	M5	M6	RSN10 T	4	976	205	664	107	410	282	10	169
VT4	08	M4	M5		RSN 16 T	4	1136	205	797	167	410	294	17	254
VT4	22	M4	M5	M6	RSN 6 V	4	757	155	516	105	310	243	21	82
VT4	24	M4	M5	M6	RSN 6 V	3	722	160	476	105	700	275	3	139
VT4	26	M4	M5	M6	RSN10 T	3	830	160	564	117	700	281	0	191
VT4	28	M4	M5		RSN 16 T	3	991	160	695	167	700	294	15	279
VT5	22	M4	M5	M6	RSN 6 V	4	846	205	556	105	410	243	3	112
VT5	24	M4	M5	M6	RSN 16 T	3	1056	200	722	167	910	377	22	381
VT5	26	M4	M5	M6	RFN 20 T	3	1138	200	786	198	910	377	20	480
VT5	28	M4	M5		RFN 25 T	3	1237	200	865	210	910	378	18	620

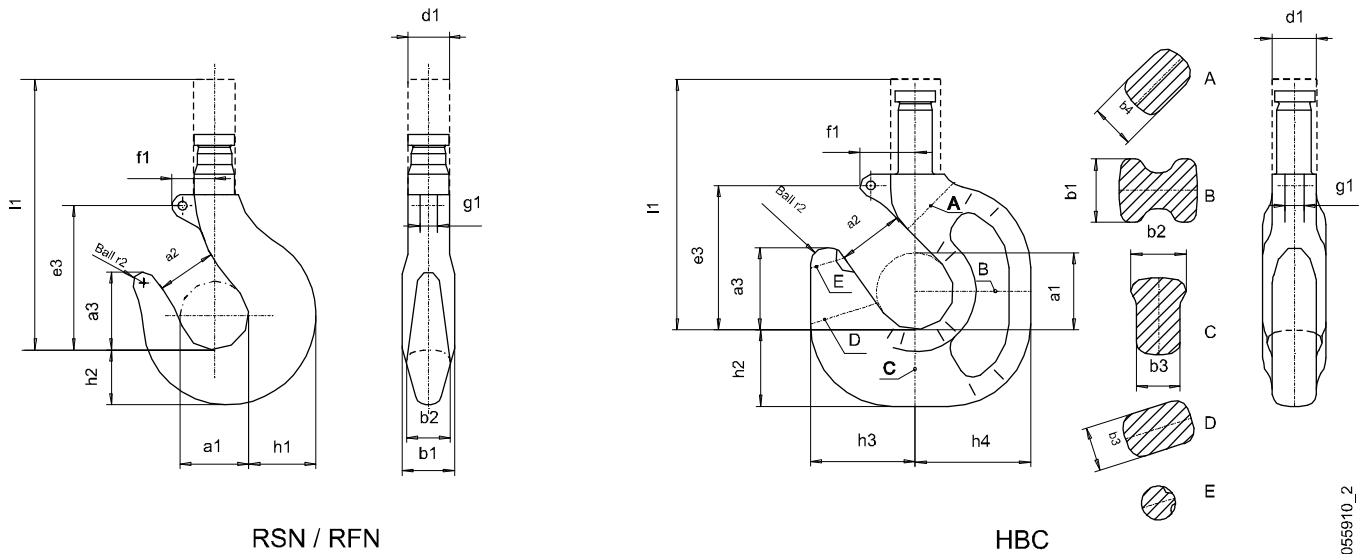
*The figure represents an increase to the hoist C dimension when equipped with isolated hook instead of a standard hook.

These special characteristics apply to all isolated hook blocks:

Special Characteristics For Isolated Hooks

Isolation Material	POM (Ertacetal H)
Ball Indentation Hardness	160 N/mm ² (ISO 2039-1)
Dielectric Strength	20 kV/mm
Comparative Tracking Index (CTI)	600 V
Nominal Voltage	1000 V
Test Voltage	3000 V/1min
Contamination Rate	3 (industry environment)
Material Class	1 (according to material CTI)
Minimum Clearance	0.8 mm (air) (up to 2000 m from sea-level)
Minimum Creepage Distance	12.5 mm (surface)

120.4 Single Hook Forging Dimensions



RSN / RFN

HBC

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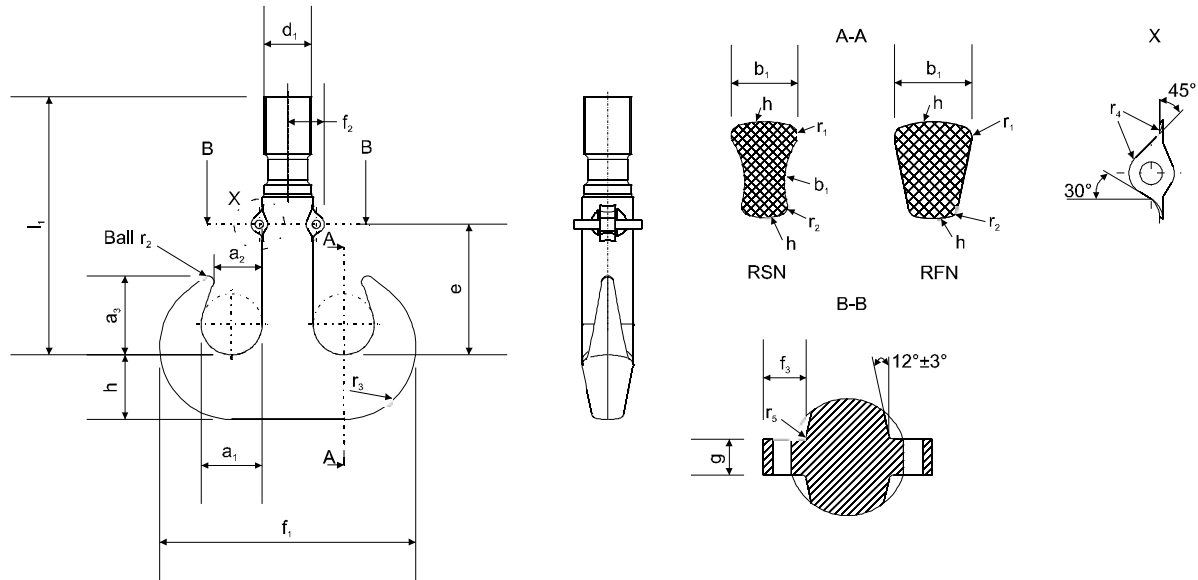
	RSN								RFN		HBC		
	RSN 1	RSN 1.6	RSN 2.5	RSN 4	RSN 5	RSN 6	RSN 10	RSN 16	RFN 20	RFN 25	HBC 1.6	HBC 2.5	HBC 5
a ₁	50 + 3	56 + 3	63 + 3	71 + 4	80 + 4	90 + 5	112 + 6	140 + 6	160 + 12	180 + 12	56 + 3	63 + 3	80 + 3
a ₂	40 + 3	45 + 3	50 + 3	56 + 4	63 + 4	71 + 5	90 + 6	112 + 6	125 + 12	140 + 12	45 + 3	51 + 3	63 + 3
a ₃	57 + 3	64 + 3	72 + 3	80 + 4	90 + 4	101 + 5	127 + 6	160 + 6	180 + 10	202 + 10	60 + 3	65 + 3	84 + 3
b ₁	38 + 3	45 + 3	53 + 3	63 + 4	71 + 4	80 + 5	100 + 6	125 + 6	140 + 16	160 + 16	46 + 3	52 + 3	75 + 3
b ₂	32 + 3	38 + 3	45 + 3	53 + 4	60 + 4	67 + 5	85 + 6	106 + 6	118 + 16	132 + 16	40 + 3	44 + 3	64 + 3
b ₃											32 + 3	37 + 3	59 + 3
b ₄											32 + 3	37 + 3	45 + 2
d ₁	30 + 3	36 + 3	42 + 3	48 + 4	53 + 4	60 + 5	75 + 6	95 + 6	106 + 12	118 + 12	38 + 3	44 + 3	55 + 3
e ₃	105 + 3	118 + 3	132 + 3	148 + 4	165 + 4	185 + 5	221 + 6	280 + 6	330 ± 10	360 ± 10	105 + 3	118 + 3	148 + 3
f ₁	31 + 1	35 + 1	40 + 1	45 + 2	51 + 2	57 + 2	46 + 3	58 + 3	68 + 5	74 + 5	40 + 1	45 + 2	56 + 2
g ₁	12.5 + 1	14 + 1	16 + 1	16 + 2	18 + 2	18 + 2	23 + 3	33 + 3	33 + 5	38 + 5	14 + 1	16 + 1	18 + 2
h ₁	48 + 3	56 + 3	67 + 3	80 + 4	90 + 4	100 + 5	125 + 6	160 + 6	180 + 20	200 + 20			
h ₂	40 + 3	48 + 3	58 + 3	67 + 4	75 + 4	85 + 5	106 + 6	132 + 6	150 + 20	170 + 20	56 + 3	65 + 3	90 + 4
h ₃											76 + 3	85 + 3	112 + 4
h ₄											84 + 3	100 + 3	130 + 4
l ₁	197 + 3	224 + 3	253 + 3	285 + 4	318 + 4	380 + 5	452 + 6	582 + 6	665 + 20	735 + 20	199 + 3	260 + 3	300 + 4
r ₂	50 + 3	56 + 3	63 + 3	71 + 4	90 + 4	90 + 5	112 + 6	140 + 6	28	32	56 + 3	63 + 3	80 + 4
weight (forging) kg	3.2	4.5	6.3	8.8	12.3	17.1	34	66	112	160	5.1	8	15

Note: Safety latch decreases dimension a₂. See chapter 'Hook Safety Latch'.

Note: The '+ number' or '± number' after the nominal dimension indicates the tolerance. For example 160+6 means that the actual dimension is between 160 - 166 mm. 160±6 means that the actual dimension is between 154 - 166 mm

	Hook forging standards	
	RSN and RFN	HBC
Dimension standard	DIN 15401	DIN 15401 when applicable
Material standard	DIN 15400	DIN 15400
Capacity and duty ratings	EN13001-3-5, ISO 17440 (ASME B30.10)	EN13001-3-5, ISO 17440 (ASME B30.10)

120.5 Ramshorn Hook Forging Dimensions



RAMSHORN RSN / RFN

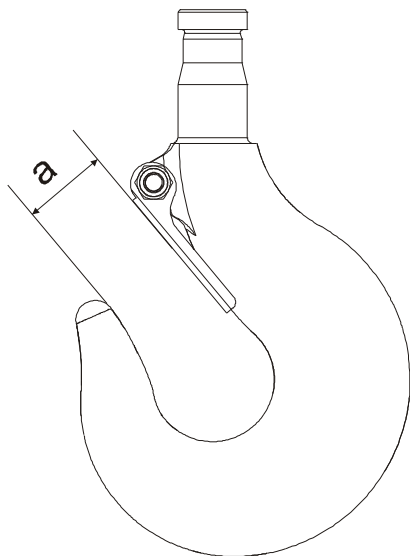
	RSN										RFN			
	1	1.6	2.5	4	5	6	10	16	20	25	10	16	20	25
a ₁	40 + 3	45 + 3	50 + 3	56 + 4	63 + 4	71 + 5	90 + 6	112 + 6	125 + 8	140 + 8	90 + 10	112 + 10	125 + 12	140 + 12
a ₂	32 + 3	36 + 3	40 + 3	45 + 4	50 + 4	56 + 5	71 + 6	90 + 6	100 + 8	112 + 8	71 + 10	90 + 10	100 + 12	112 + 12
a ₃	52 + 3	59 + 3	65 + 3	73 + 4	82 + 4	92 + 5	116 + 6	146 + 6	163 + 8	182 + 8	116 ± 8	146 ± 8	163 ± 10	182 ± 10
b ₁	28 + 3	34 + 3	40 + 3	48 + 4	53 + 4	60 + 5	75 + 6	95 + 6	106 + 8	118 + 8	75 + 12	95 + 12	106 + 16	118 + 16
d ₁	30 + 3	36 + 3	42 + 3	48 + 4	53 + 4	60 + 5	75 + 6	95 + 6	106 + 8	118 + 8	75 + 10	95 + 10	106 + 12	118 + 12
e	96 + 3	100 + 3	112 + 3	124 + 4	143 + 4	160 + 5	192 + 6	237 + 6	265 + 8	315 + 8	192 + 4	237 + 4	265 + 5	315 + 5
f ₁	158 + 3	183 + 3	208 + 3	238 + 4	266 + 4	301 + 5	377 + 6	471 + 6	531 + 8	598 + 8	377	471	531	598
f ₂	22 + 3	28 + 3	30 + 3	33 + 4	40 + 4	44 + 5	54 + 6	69 + 6	75 + 8	86 + 8	54 + 10	69 + 10	75 + 12	86 + 12
f ₃	14 + 1	14 + 1	14 + 1	23 + 2	23 + 2	23 + 2	27 + 4	36 + 4	36 + 5	45 + 5	27 + 4	36 + 4	36 + 5	45 + 5
g	12 + 1	12.5 + 1	14 + 1	16 + 2	16 + 2	18 + 2	23 + 4	28 + 4	33 + 5	33 + 5	23 + 4	28 + 4	33 + 5	33 + 5
h	36 + 3	43 + 3	50 + 3	60 + 4	67 + 4	75 + 5	95 + 6	118 + 6	132 + 8	150 + 8	95 + 16	118 + 16	132 + 20	150 + 20
l ₁	195 + 3	222 + 3	250 + 3	280 + 4	312 + 4	375 + 5	450 + 6	580 + 6	650 + 8	715 + 8	450 + 16	580 + 16	650 + 20	715 + 20
r ₁	4	5	6	7	8	9	11	14	16	18	11	14	16	18
r ₂	3.5 + 3	4 + 3	4.5 + 3	5.5 + 4	6.5 + 4	7 + 5	9 + 6	11 + 6	12.5 + 8	14 + 8	9	11	12.5	14
r ₃	44	51	58	87	75	85	106	132	150	170	106	132	150	170
r ₄	7	7	7	10	10	10	12	16	16	20	12	16	16	20
r ₅	1.6	1.6	1.6	2.5	2.5	2.5	3.0	4.0	4.0	5.0	3.0	4.0	4.0	5.0
weight (forging) kg	3.8	5.3	6.9	9.7	13.4	16.8	35.5	69.7	97.5	135	36.3	71.1	99.5	138

Note: Safety latch decreases dimension a₂. See chapter 'Hook Safety Latch'.

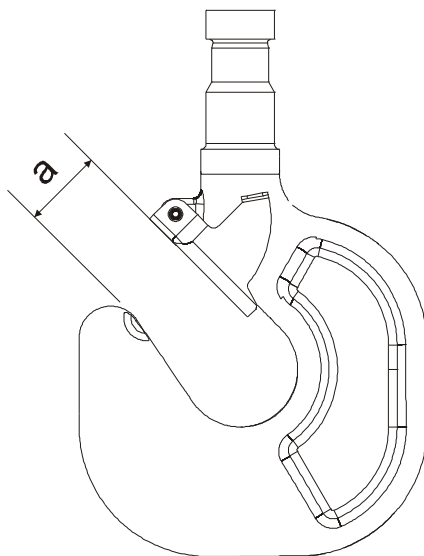
Note: The '+ number' or '± number' after the nominal dimension indicates the tolerance. For example 160+6 means that the actual dimension is between 160 - 166 mm. 160±6 means that the actual dimension is between 154 - 166 mm

Hook forging standards	
RSN and RFN	
Dimension standard	DIN 15402
Material standard	DIN 15400
Capacity and duty ratings	EN13001-3-5, ISO 17440 (ASME B30.10)

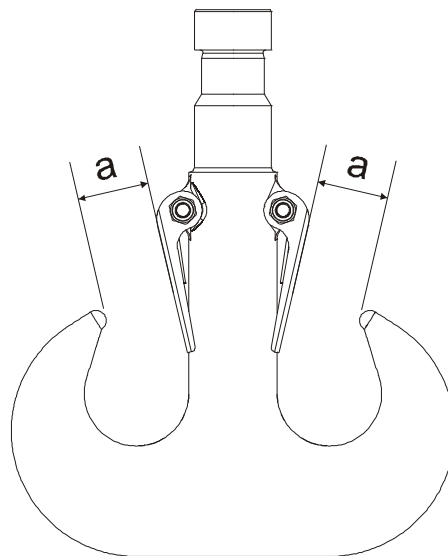
120.6 Hook Safety Latch



SINGLE HOOK RSN / RFN



SINGLE HOOK HBC



RAMSHORN RSN / RFN

Single Hook Forgings

	RSN								RFN		HBC		
	1	1.6	2.5	4	5	6	10	16	20	25	1.6	2.5	5
a	25 + 3	30 + 3	35 + 3	41 + 4	48 + 4	56 + 5	75 + 6	97 + 6	110 + 12	125 + 12	40 + 3	46 + 3	58 + 3

Ramshorn Hook Forgings

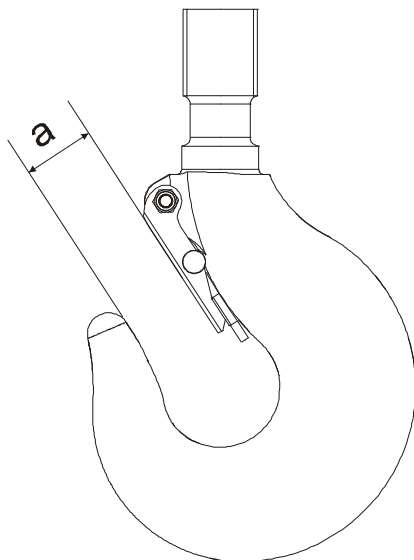
	RSN										RFN			
	1	1.6	2.5	4	5	6	10	16	20	25	10	16	20	25
a	17 + 3	21 + 3	25 + 3	30 + 4	35 + 4	41 + 5	56 + 6	75 + 6	85 + 8	97 + 8	56 + 10	75 + 10	85 + 12	97 + 12

Note: Safety latch trigger decreases dimension a_2 . See chapter 'Optional Hook Safety Latch Trigger'.

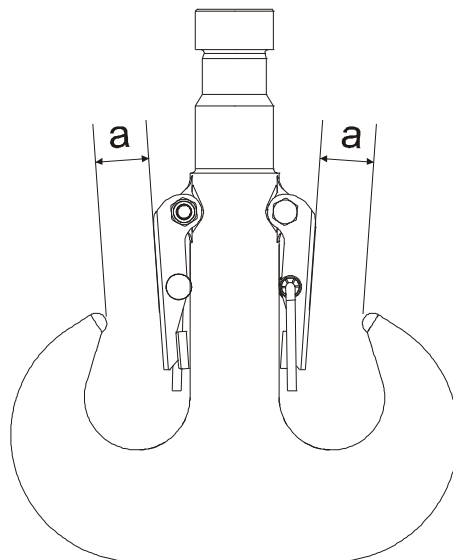
Note: The '+ number' or '± number' after the nominal dimension indicates the tolerance. For example 160+6 means that the actual dimension is between 160 - 166 mm. 160±6 means that the actual dimension is between 154 - 166 mm

120.7 Optional Hook Safety Latch Trigger

Latch trigger holds the hook latch in “open” position when removing the lifting attachment from the hook. This leaves operator’s both hands free to handle e.g. the heavy chain slings.



SINGLE HOOK RSN / RFN



RAMSHORN RSN / RFN

Single Hook Forgings

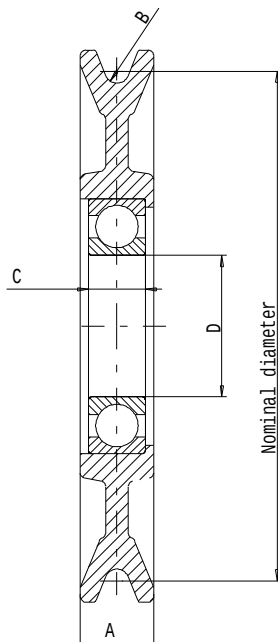
	RSN			RFN	
	6	10	16	20	25
a	51 + 5	65 + 6	87 + 6	100 + 12	115 + 12

Ramshorn Hook Forgings

	RSN					RFN			
	6	10	16	20	25	10	16	20	25
a	36 + 5	46 + 6	65 + 6	75 + 8	87 + 8	46 + 10	65 + 10	75 + 12	87 + 12

Note: The ‘+ number’ or ‘± number’ after the nominal dimension indicates the tolerance. For example 160+6 means that the actual dimension is between 160 - 166 mm. 160±6 means that the actual dimension is between 154 - 166 mm

121 DRUM AND ROPE SHEAVE DIAMETERS



Rope sheave diameters	Rope diameter	Duty class	A	B	C	D
(nominal, mm)	(nominal, mm)	FEM / ISO	(mm)	(mm)	(mm)	(mm)
146	6.4	3m / ISO M6	22	3.3	18	40
180	8	3m / ISO M6	26	4.2	20	50
248	11	3m / ISO M6	38	5.8	23	65
338	15	3m / ISO M6	46	8	28	85

Frame size code	Rope diameter (mm)	Reeving	Rope drum diameter (nominal, (mm))	Rope drum pitch (mm)	Rope sheave diameter (nominal, mm)	Number of rope clamps on drum
VT1	6.4	Standard	303	7.2	146	3
VT2	8	Standard	355	9.1	180	3
VT3	11	Standard	406	12.5	248	4
VT3	8	True vertical	406	9.1	180	2x3
VT4	15	Standard	608	17.1	338	6
VT4	11	True vertical	608	12.5	248	2x4
VT5	15	True vertical	608	17.1	338	2x6

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