

ELECTRIC Winch

GG-200. GG-250. GG-300

200. 250. 300kg

< 110V or 220V-240V×1ph AC >



FEATURES:

- Positive retention of wire rope on to drum
- Electromagnetic spring-applied fail safe brake
- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum mechanical efficiency
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

WARNING:

Winches are not to be used for the moving of persons

WARRANTY:

Each new winch is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase.

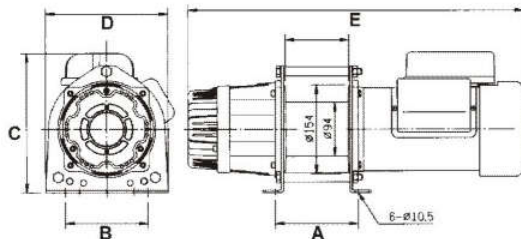
Wire ropes are not included under warranty.

STANDARD ACCESSORIES:

Wire rope 6mm×30m
Weight hook K-15
Switch cord 2mm²×5C×3m
Power lead 3.5mm²×3C×60com and industry plug
Pendant switch K-213

OPTIN ACCESSORIES:

Remote control K-213A assembly



SPECIFICATIONS

Model		GG-200	GG-250	GG-300
Lifting capacity kg wire rope top layer		200	250	300
Lifting speed m/min	first layer	12	12	12
	top layer	18	18	18
Motor rating IP44	kw/poles	0.6 × 4	0.75 × 4	1.15 × 4
Maximum lifting height m		29	29	29
Wire rope φ mm × m		6 × 30	6 × 30	6 × 30
Drum dimension mm	width	110	110	110
	drum dia	94	94	94
	flange dia	154	154	154
Net weight kg		31	32	34
Gross weight kg		33	34	36

DIMENSIONS MM

Model	Mounting bolt pattern			C	D	E
	A	B	Holes			
GG-200	155	152	6 φ -10.5	265	210	535
GG-250	155	152	6 φ -10.5	265	210	535
GG-300	155	152	6 φ -10.5	265	210	565

ELECTRIC Winch (Longer rope)

GG-300L

300kg

< 110V or 220V-240V×1ph AC >

FEATURES:

- Positive retention of wire rope on to drum
- Electromagnetic spring-applied fail safe brake
- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum mechanical efficiency
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

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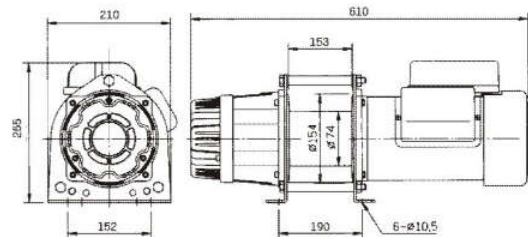
WARRANTY:

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STANDARD ACCESSORIES:

Wire rope 7mm×30m
Weight hook K-15
Switch cord 2mm²×5C×3m
Power lead 3.5mm²×3C×60com and industry plug
Pendant switch K-213



OPTIN ACCESSORIES:

Remote control K-213A assembly

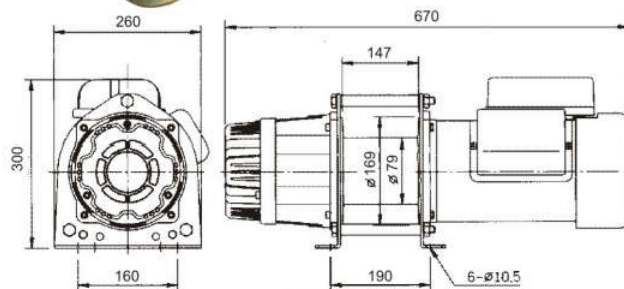
SPECIFICATIONS		
Model		GG-300L
Lifting capacity kg wire rope top layer		300
Lifting speed m/min	first layer	12
	top layer	18
Motor rating IP44	kw/poles	1.15 × 4
Maximum lifting height m		29
Wire rope ϕ mm × m		7 × 30
Drum dimension mm	width	153
	drum dia	74
	flange dia	154
Net weight kg		36
Gross weight kg		38

ELECTRIC Winch

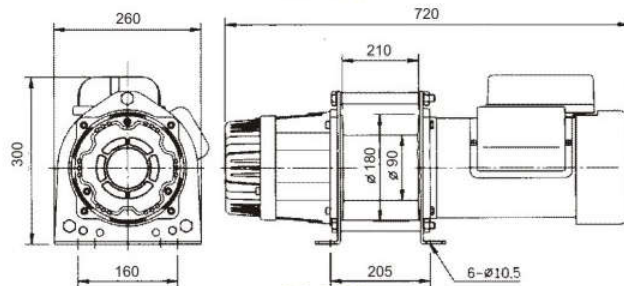
GG-500. GG-500L

500. 500kg

< 220V-240V×1ph AC
220V-380V-440V×3ph AC >



GG-500



GG-500L

FEATURES:

- Positive retention of wire rope on to drum
- Electromagnetic spring-applied fail safe brake
- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum mechanical efficiency
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

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WARRANTY:

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STANDARD ACCESSORIES:

Wire rope 8mm×30m for GG-500
Wire rope 8mm×50m for GG-500L
Weight hook K-17
Switch cord 3.5mm²×5C×3m
Power lead 5.5mm²×3C×60com and industry plug
Pendant switch K-213

OPTIN ACCESSORIES:

Remote control K-213A assembly

SPECIFICATIONS

Model		GG-500	GG-500L
Lifting capacity kg wire rope top layer		500	500
Lifting speed m/min	first layer	18	18
	top layer	23	23
Motor rating IP44	kw/poles	1.8×4	1.8×4
Maximum lifting height m		29	49
Wire rope φ mm × m		8×30	8×50
Drum dimension mm	width	210	210
	drum dia	79	90
	flange dia	169	180
Mounting bolt pattern mm		255×165	255×165
Net weight kg		62	65
Gross weight kg		65	68

ELECTRIC Winch (1Ph)

GG-1050

1000kg

< 220V-240V×1ph AC >

FEATURES:

- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum efficiency
- Cast steel foot mounting
- Fabricated steel drum
- Electromagnetic spring-applied fail safe brake
- Supplied on steel base plate ready to mount
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning



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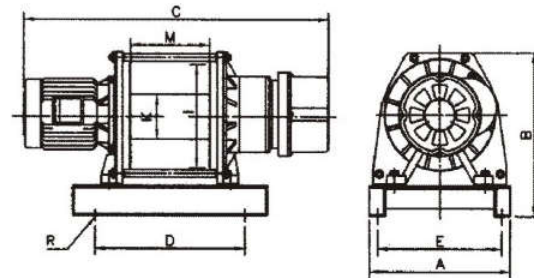
WARRANTY:

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STANDARD ACCESSORIES:

Wire rope w/safety hook
Switch cord 1.25mm²×3C×10m
Power lead 8mm²×3C×1m
Pendant switch K-81
Base plate



OPTIN ACCESSORIES:

Remote control K-82A assembly

DIMENSIONS MM									
Model	Mounting bolt pattern			D	E	I	M	K	R
	A	B	C						
GG-1050	410	540	1080	700	370	320	345	140	4-φ 18

SPECIFICATIONS							
Model	Lifting capacity top layer kg	Lifting speed m/min	Motor hp×poles	Lifting height m	Wire rope φ mm×m	Net weight kg	Gross weight kg
GG-1050	1000	10-15	3×6	97	10×100	260	300

ELECTRIC Winch

GG-1060. GG-2060. GG-3000

1000. 2000. 3000kg

< 220V-380V-440V×3ph AC >



FEATURES:

- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum efficiency
- Cast steel foot mounting
- Fabricated steel drum
- Electromagnetic spring-applied fail safe brake
- Supplied on steel base plate ready to mount
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

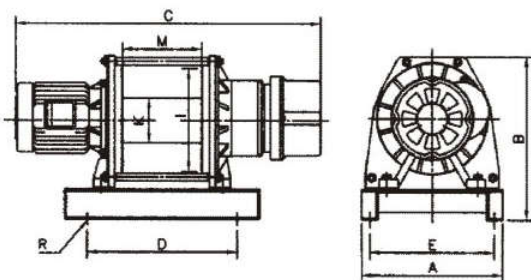
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WARRANTY:

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Wire ropes are not included under warranty.



STANDARD ACCESSORIES:

Wire rope w/safety hook
Switch cord 1.25mm²×3C×10m
Power lead 14mm²×4C×1m
Pendant switch K-61
Base plate

OPTIN ACCESSORIES:

Remote control K-82A assembly

DIMENSIONS MM

Model	Mounting bolt pattern			D	E	I	M	K	R
	A	B	C						
GG-1060	340	430	1000	400	336	280	240	110	4-φ 16
GG-2060	410	540	950	500	370	320	220	170	4-φ 18
GG-3000	570	680	1300	600	500	420	380	200	4-φ 25

SPECIFICATIONS

Model	Lifting capacity top layer kg	Lifting speed m/min	Motor hp×poles	Lifting height m	Wire rope φ mm×m	Net weight kg	Gross weight kg
GG-1060	1000	11-17	3×6	49	10×50	160	185
GG-2060	2000	12-19	5×6	49	12×50	220	250
GG-3000	3000	12-19	10×4	97	16×100	410	450

ELECTRIC Winch

GG-1000. GG-1100. GG-2000. GG-3500. GG-5000. GG-10000

1000. 1100. 2000. 3500. 5000. 10000kg

< 220V-380V-440V×3ph AC >

FEATURES:

- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum efficiency
- Cast steel foot mounting
- Fabricated steel drum
- Electromagnetic spring-applied fail safe brake
- Supplied on steel base plate ready to mount
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

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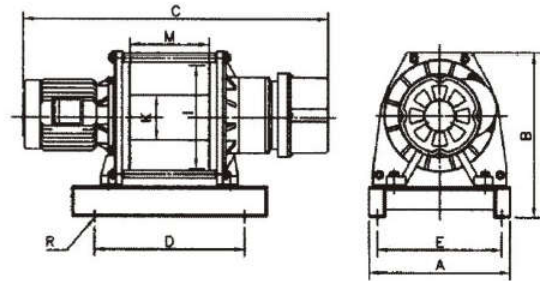
Wire ropes are not included under warranty.

STANDARD ACCESSORIES:

Wire rope w/safety hook
Switch cord 1.25mm²×3C×10m
Power lead 14mm²×4C×1m
Pendant switch K-81
Base plate

OPTIN ACCESSORIES:

Remote control K-82A assembly



DIMENSIONS MM

Model	Mounting bolt pattern			D	E	I	M	K	R
	A	B	C						
GG-1000	410	540	950	500	370	320	220	170	4-φ 18
GG-1100	470	570	1080	620	425	320	315	140	4-φ 18
GG-2000	570	680	1300	650	500	420	380	200	4-φ 25
GG-3500	740	830	1439	847	680	560	405	273	4-φ 30
GG-5000	740	830	1900	920	680	560	650	273	4-φ 30
GG-10000	1000	1155	2350	1600	900	800	850	360	4-φ 35

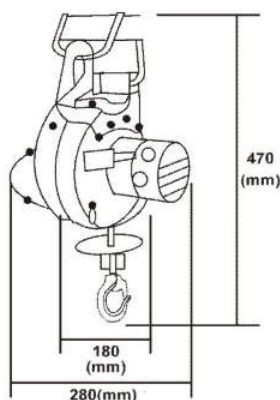
SPECIFICATIONS

Model	Lifting capacity top layer kg	Lifting speed m/min	Motor hp×poles	Lifting height m	Wire rope φ mm×m	Net weight kg	Gross weight kg
GG-1000	1000	18-23	5×4	58	10×60	210	240
GG-1100	1000	15-20	5×6	97	10×100	260	300
GG-2000	2000	12-19	7.5×4	97	14×100	310	350
GG-3500	3500	12-19	15×4	145	18×150	550	600
GG-5000	5000	9-16	20×4	190	22.4×200	1300	1100
GG-10000	10000	8-12	30×6	245	32×250	2800	2900

< 110V or 220V-240V×1ph AC >

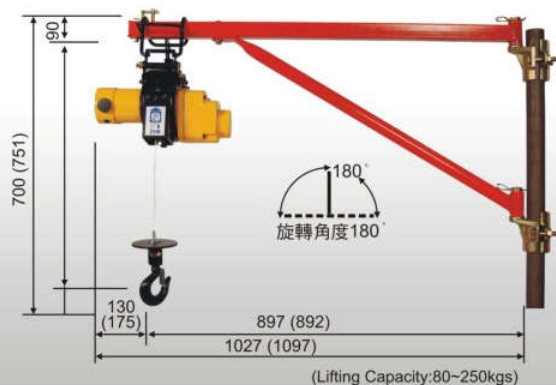


Safety hook attachment shown right comes as standard



CRANE K-235

*Crane K-235 for baby winch ratings up to 250kg



FEATURES:

- Mini winch is compact and lightweight design allow mounting convenience.
- When rope touches the over-winding limit lever, hoisting is automatically stopped.
- An over reverse-winding limit lever stops the motor when the rope is reverse winging.
- Double safety brake devices, dynamic & electromagnet brake perform instant & safety brake.
- It operates on household power source.
- 360° universal joint saddle hook with safety latch.
- Plug-in cords allow portability with ease.

WARNING:

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Wire ropes are not included under warranty.

STANDARD ACCESSORIES:

Wire rope 4mm×30m
Weight hook K-08
Switch cord 2mm²×5C×7m
Power lead 2mm²×3C×4.5m
Pendant switch K-160

SPECIFICATIONS

Model		SK-80
Lifting capacity kg wire rope top layer		80
Lifting speed m/min	first layer	18
	top layer	30
Motor kw × A	110V	0.8 × 8
	220V-240V	0.8 × 4
Braking methods	for motor	electromagnetic brake
	for gear	mechanical brake
Lifting height m		29
Wire rope φ mm × m		4 × 30
Net weight kg		10
Gross weight kg		19

< 110V or 220V-240V×1ph AC >

FEATURES:

- Lightweight and compact design allows easy installation
- Automatic upper limit switch when rope disc touches the limit arm, hoisting is automatically stopped
- Dynamic and mechanical brake provides instant and safe braking
- Can operate on standard domestic power supply
- Sensor arm automatically stops motor if the wire rope is under-wound
- Wire rope comes with a 360° weight hook with safety latch

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STANDARD ACCESSORIES:

Wire rope 5mm×30m

Weight hook K-11

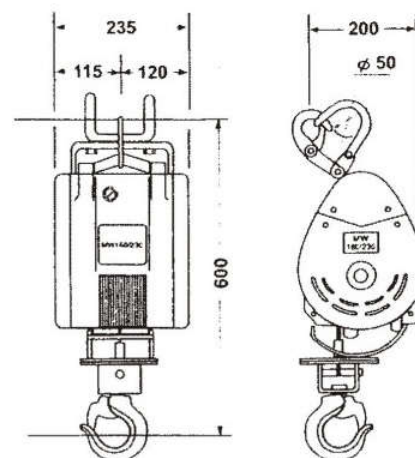
Switch cord 2mm²×5C×7m

Power lead 2mm²×3C×4.5m

Pendant switch K-160



Safety hook attachment shown right comes as standard



CRANE K-235

*Crane K-235 for baby winch ratings up to 250kg

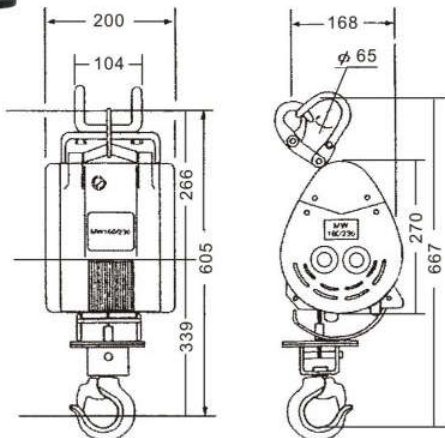


SPECIFICATIONS					
Model		SK-160	SK-195	SK-230	SK-300
Lifting capacity kg wire rope top layer		160	195	230	300
Lifting speed m/min	first layer	15	13	9	9
	top layer	23	18	14	14
Motor kw × A	110V	1.2×12	1.25×12	1.3×13	
	220V-240V	1.2×6	1.25×6	1.3×6.5	1.5×7
Braking methods	for motor	electromagnetic brake			
	for gear	mechanical brake			
Lifting height m		29	29	29	29
Wire rope φ mm × m		5×30	5×30	5×30	5×30
Net weight kg		17	17	18	19
Gross weight kg		24	24	25	26

< 110V or 220V-240V×1ph AC >



Safety hook attachment shown right comes as standard



Note:

1. Above performance ratings are based on 50Hz supply. (60Hz motor available as option resulting in a reduction of lifting capacities by 20% and a speed increase of 20%).

CRANE K-235

*Crane K-235 for baby winch ratings up to 250kg



FEATURES:

- Lightweight and compact design
Allows easy installation
- Upper hoisting limit switch
Wire rope touches the limit arm, hoisting is automatically stopped
- Lower hoisting limit switch
Sensor arm automatically stops motor if the wire rope is under-wound
- Mechanical ratchet brake
Single ratchet pawl brake provides instant and safe braking
- Can operate on standard domestic power supply
- Wire rope comes with a safety-latch weight hook
- Emergency stop function switch is available upon request

SOLUTION for REMOTE CONTRL:

1. Remote control, K-613
Switch cord 1.25mm²×6C×7m
Pendant switch K-613
2. Remote control, K-613A
Switch cord 1.25mm²×6C×7m

SPECIFICATIONS

Model			KIO-80
Lifting capacity kg wire rope top layer			80
Lifting speed, m/min	first layer		18
	top layer		30
Motor rating IP44	type		Series Wound
	output,	1ph, 110V	0.8kw × 8A
	kw x Amp	1ph, 220V-240V	0.8kw × 4A
Maximum lifting height m			23
Braking methods		for motor	Electromagnetic
		for gear	Mechanical ratchet
Wire rope φ mm×m			4 × 24
Net weight kg			9
Gross weight kg			18

< 110V or 220V-240V×1ph AC >

FEATURES:

- Lightweight and compact design allows easy installation
- Automatic upper limit switch when rope disc touches the limit arm, hoisting is automatically stopped
- Dynamic and mechanical brake provides instant and safe braking
- Can operate on standard domestic power supply
- Sensor arm automatically stops motor if the wire rope is under-wound
- Wire rope comes with a 360° weight hook with safety latch

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STANDARD ACCESSORIES:

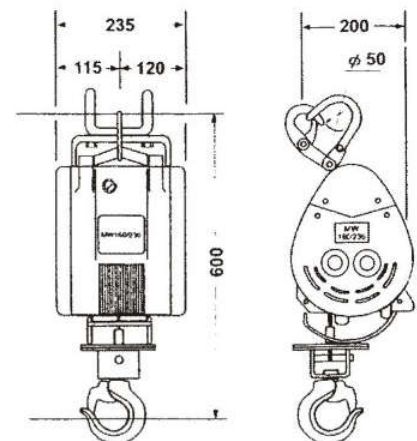
Wire rope 5mm×30m
Weight hook K-11
Switch cord 2mm²×6C×7m
Power lead 2mm²×3C×7m
Pendant switch K-613

OPTIN ACCESSORIES:

Remote control K-613A assembly



Safety hook attachment shown right comes as standard



SPECIFICATIONS

Model		KIO-180	KIO-230	KIO-300
Lifting capacity kg wire rope top layer		180	230	300
Lifting speed m/min	first layer	16	9	9
	top layer	23	14	14
Motor kw × A	110V	1.2×12	1.3×13	
	220V-240V	1.2×6	1.3×6.5	1.5×7
Braking methods	for motor	electromagnetic brake		
	for gear	mechanical brake		
Lifting height m		29	29	29
Wire rope φ mm × m		5×30	5×30	5×30
Net weight kg		18	18	19
Gross weight kg		25	25	26

CRANE K-235

*Crane K-235 for baby winch ratings up to 250kg



< 110V or 220V-240V×1ph AC >



Safety hook attachment shown right comes as standard



FEATURES:

- Lightweight and compact design allows easy installation
- Automatic upper limit switch when rope disc touches the limit arm, hoisting is automatically stopped
- Dynamic and mechanical brake provides instant and safe braking
- Can operate on standard domestic power supply
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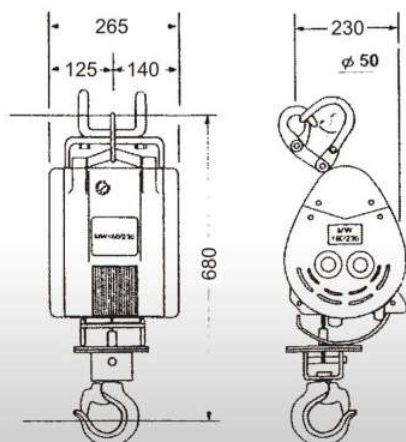
Wire ropes are not included under warranty.

STANDARD ACCESSORIES:

Wire rope 5mm×60m
Weight hook K-11
Switch cord 2mm²×6C×7m
Power lead 2mm²×3C×7m
Pendant switch K-613

OPTIN ACCESSORIES:

Remote control K-613A assembly



SPECIFICATIONS

Model		KIO-300L
Lifting capacity kg wire rope top layer		300
Lifting speed m/min	first layer	13
	top layer	18
Motor kw × A	220V-240V	1.6×13
Braking methods	for motor	electromagnetic brake
	for gear	mechanical brake
Lifting height m		58
Wire rope φ mm × m		5×60
Net weight kg		25
Gross weight kg		32

< 220V-240V×1ph AC >

FEATURES:

- Lightweight and compact design allows easy installation
- Automatic upper limit switch when rope disc touches the limit arm, hoisting is automatically stopped
- Dynamic and mechanical brake provides instant and safe braking
- Can operate on standard domestic power supply
- Sensor arm automatically stops motor if the wire rope is under-wound
- Wire rope comes with a 360° weight hook with safety latch

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STANDARD ACCESSORIES:

Wire rope 6mm×40m for KIO-360
Wire rope 6.35mm×31m for KIO-500
Weight hook K-11
Switch cord 2mm²×6C×7m
Power lead 2mm²×3C×7m
Pendant switch K-613

OPTIN ACCESSORIES:

Remote control K-613A assembly



SPECIFICATIONS

Model		KIO-360	KIO-500
Lifting capacity kg wire rope top layer		360	500
Lifting speed m/min	first layer	13	8
	top layer	18	12
Motor kw × A	220V-240V	1.6×7	1.8×7.5
Braking methods	for motor	electromagnetic brake	
	for gear	mechanical brake	
Lifting height m		38	30
Wire rope φ mm × m		6×40	6.35×31
Net weight kg		23	28
Gross weight kg		30	35

