

BABY Winch

80 kg

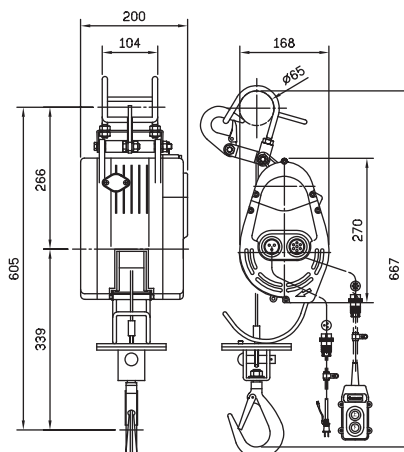


Hanger attachment comes as standard



CWS-80

110v or 220V-240V x 1ph AC



FEATURES

- **Lightweight and compact design**
Allows easy installation
- **Upper hoisting limit switch**
When 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**

SPECIFICATIONS

MODEL		CWS-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, kw x Amp	1ph, 110V 0.8 kw x 8 A 1ph, 220V-240V 0.8 kw x 4 A
Gear ratio		92:1
Maximum lifting height, m		23
Braking methods	for motor	Electromagnetic
	for gear	Mechanical ratchet
Wire rope	size, mm x m	* 4 x 24 3.2 x 36
	construction	6 x 19
	breaking strength, kg	810 530
Drum dimension, mm	length	46
	drum dia.	70
	flange dia.	158
Standard accessory	Weight hook, CHW-0032	*
	Remote control	*
	Power lead	1.5 mm ² x 3C x 5 m and industry plug
Option accessory		Crane CRH-0710
Net weight, kg (standard version)		9
Gross weight, kg		18
Box dimension, mm (L x D x H)		355 x 355 x 270

- 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%).
2. ** Means standard version

PERFORMANCE DATA

Lifting load, line speed and rope capacity			
MODEL	CWS-80		
Layer of Wire Rope	Lifting Load kg	Line Speed m/min	Total Rope on the drum, m
1 st	132	18	2.4
2 nd	119	20.4	5.1
3 rd	108	22.4	8.1
4 th	100	24.3	11.3
5 th	92	26.3	14.8
6 th	86	28.3	18.6
7 th	80	30	24

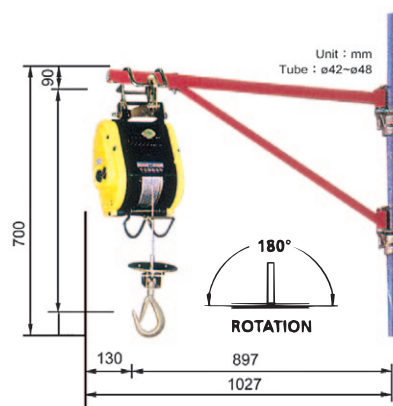
Note : Above performance ratings are based on 50Hz supply.

SOLUTION for REMOTE CONTROL

- 1). *Remote control, CPB-313
 - Switch cord 1.25 mm² x 6C x 10 m
 - Pendant switch CPB-313
- 2). Remote control, PB-317
 - Switch cord 1.25 mm² x 6C x 10 m
 - Pendant switch PB-317 w/an emergency stop button

CRANE CRH-0710

- Crane CRH-0710 for baby winch ratings up to 250 kg



BABY Winch

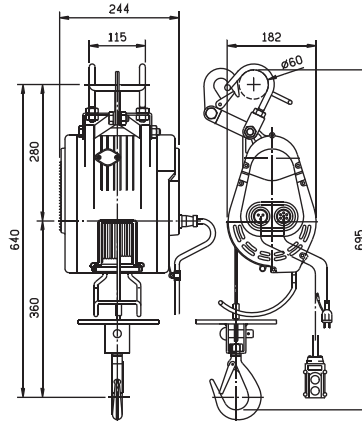
160-230 kg

CWS-160, CWS-230

110v or 220V-240V x 1ph AC



Hanger attachment comes as standard



FEATURES

- **Lightweight and compact design**
Allows easy installation
- **Upper hoisting limit switch**
When rope disc 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**
Double ratchet pawls brake provide 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**

SPECIFICATIONS

MODEL	CWS-160	CWS-230
Lifting capacity kg wire rope top layer	160	230
Lifting speed, m/min	first layer	9
	top layer	14
Motor rating IP44	type	Series Wound
	output, 1ph, 110V	1.2 kw x 12 A
Gear ratio	kw x Amp	1.2 kw x 6 A
	1ph, 220V-240V	1.2 kw x 6 A
Maximum lifting height, m	30	24
Braking methods	for motor	Electromagnetic
	for gear	Mechanical ratchet
Wire rope	size, mm x m	* 4.8 x 31 4 x 41
	construction	6 x 19
	breaking strength, kg	1,100 810
Drum dimension, mm	length	60
	drum dia.	90
	flange dia.	170
Standard accessory	Weight hook, CHW-0033	*
	Remote control	*
	Power lead	1.5 mm ² x 3C x 5 m and industry plug
Option accessory	Crane GRH-0710	
Net weight, kg (standard version)	14	15
Gross weight, kg	25	26
Box dimension, mm (L x D x H)	425 x 365 x 300	425 x 365 x 300

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%).
2. "*" Means standard version

PERFORMANCE DATA

Lifting load, line speed and rope capacity			
MODEL	CWS-160		
Layer of Wire Rope	Lifting Load kg	Line Speed m/min	Total Rope on the drum, m
1 st	257	14	3.4
2 nd	234	15.4	7.2
3 rd	214	16.8	11.3
4 th	197	18.2	15.8
5 th	183	19.6	20.6
6 th	171	21	25.8
7 th	160	22	31

MODEL	CWS-230		
Layer of Wire Rope	Lifting Load kg	Line Speed m/min	Total Rope on the drum, m
1 st	351	9	3.3
2 nd	318	10.3	6.9
3 rd	290	11.3	10.9
4 th	267	12.3	15.2
5 th	247	13.3	19.9
6 th	230	14	25

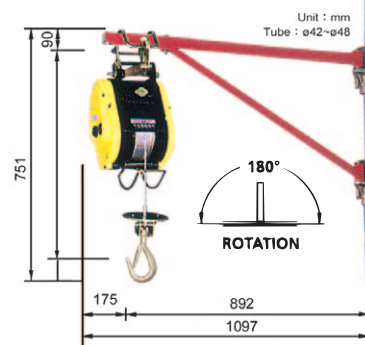
Note : Above performance ratings are based on 50Hz supply.

SOLUTION for REMOTE CONTROL

- 1). Remote control, CPB-313
- Switch cord 1.25 mm² x 6C x 10 m
- Pendant switch CPB-313
- 2). Remote control, PB-317
- Switch cord 1.25 mm² x 6C x 10 m
- Pendant switch PB-317 w/an emergency stop button

CRANE CRH-0710

- Crane CRH-0710 for baby winch ratings up to 250 kg



BABY Winch

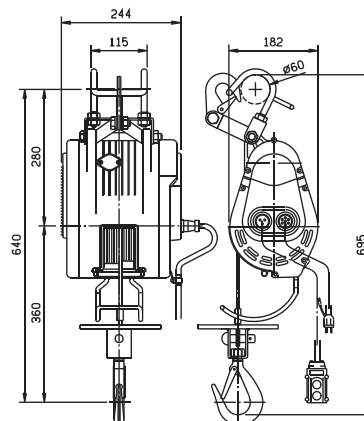
300 kg

CWS-300

220V-240V x 1ph AC



Hanger attachment comes as standard



FEATURES

- **Lightweight and compact design**
Allows easy installation
- **Upper hoisting limit switch**
When rope disc 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**
Double ratchet pawls brake provide 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**

SPECIFICATIONS

MODEL	CWS-300	
Lifting capacity kg wire rope top layer	300	
Lifting speed, m/min	first layer	9
	top layer	13
Motor rating	Series Wound	
output, IP44	1ph, 220V-240V	1.5 kw x 7.5 A
Gear ratio	270:1	
Maximum lifting height, m	24	
Braking methods	for motor	Electromagnetic
	for gear	Mechanical ratchet
Wire rope	size, mm x m	* 4.8 x 25
	construction	A7 x 19
	breaking strength, kg	1,910
Drum dimension, mm	length	60
	drum dia.	94
	flange dia.	170
Standard accessory	Weight hook, CHW-0033	*
	Remote control	*
	Power lead	1.5 mm ² x 3C x 5 m and industry plug
Net weight, kg (standard version)	17	
Gross weight, kg	28	
Box dimension, mm (L x D x H)	425 x 265 x 300	

- 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%).
2. "*" Means standard version

PERFORMANCE DATA

Lifting load, line speed and rope capacity			
MODEL	CWS-300		
Layer of Wire Rope	Lifting Load kg	Line Speed m/min	Total Rope on the drum, m
1 st	446	9	3.6
2 nd	406	9.7	7.5
3 rd	373	10.6	11.7
4 th	345	11.4	16.4
5 th	321	12.3	21.3
6 th	300	13	25

Note : Above performance ratings are based on 50Hz supply.

SOLUTION for REMOTE CONTROL

- 1). *Remote control, CPB-313
 - Switch cord 1.25 mm² x 6C x 10 m
 - Pendant switch CPB-313
- 2). Remote control, PB-317
 - Switch cord 1.25 mm² x 6C x 10 m
 - Pendant switch PB-317 w/an emergency stop button