

VINCA

EQUIPOS INDUSTRIALES



Winches

12.1 Electric Wirerope Winch 43/86 E



Content

Electric Wirerope Winches

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Standard Serial Model

Ref. 43/86 E

Standard model with:

- Compact and robust design.
- Maintenance-free ball bearings.
- 230 V single phase current or 230/400 V threephase current.
- 230 V single phase current model also available complete with 30 m wirerope and hook, pendant control switch with 1 m control cable, 3 m power supply cable and shock-proof plug.
- Manufactured in Germany.
- Enclosure IP 54, Insulation class B, Threephase current winch up to IP 66.
- Overload protection from 1000 daN up, Overload protection up to 1000 daN.

As option

- pendant or wall-mounted control switch.
- operational limit switch for external installation.
- disengaging clutch (not for 125 daN model).
- grooved rope drum and limit switch (available for single phase current with direct control, for threephase current with low voltage control).
- radio control.
- other voltages and frequencies.
- other enclosures.
- frequency control.



CE

1Bm/M3

Liftboy with three phase current motor

Ref. 43/86 E



1Bm/M3

pulling rope force in 1 st layer	nr. of rope layers	rope		usable rope length			max. rope speed single	motor output	max. rope speed double	motor output ⁽³⁾	current ⁽³⁾	weight without rope
		Ø	nec. minimum breaking load	⁽²⁾ 1 st layer	⁽²⁾ 3 rd layer	⁽²⁾ 4 th layer	⁽¹⁾ 1 st layer		⁽¹⁾ 1 st layer			
⁽¹⁾		mm	kN	m	m	m	m/min	kW	m/min	kW	A	kg
125 (90)	4	4	5	5 (4)	-	29 (24)	8 (11)	0,37	16 (22)	0,75	1,1 (1,9)	25
250 (180)			9	6 (5)		32 (27)	5,0 (7)		10 (14)			35
500 (340)		6	18	5 (4)		27 (24)	2,5 (4)		5 (8)			38
990 (780)	3	8	36	7 (6)	-	-	4,5 (6)	1,1	9 (12)	2,2	3,2 (6)	80
1000 (780)			71	6 (5)				26 (22)	2,2			-
2000 (1560)		16	114	8 (7)			33 (30)	4,5 (5,5)	3,0	-	-	7,0

operation mode S3 – 40 % - 120 c/h

(1) top layer.

(2) with grooved rope drum.

(3) for double rope speed.

Liftboy with single phase current motor

Ref. 43/86 E



1Bm/M3

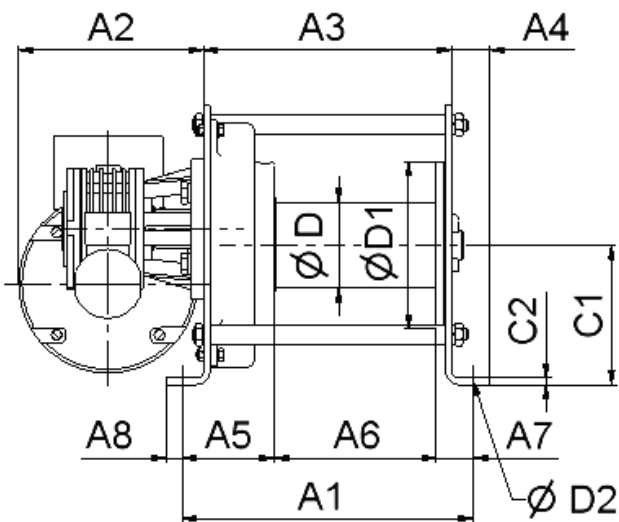
pulling rope force in 1 st layer	nr. of rope layers	rope		usable rope length			max. rope speed single	motor output	max. rope speed double	motor output ⁽³⁾	current ⁽³⁾	weight without rope
		Ø	nec. minimum breaking load	⁽²⁾ 1 st layer	⁽²⁾ 3 rd layer	⁽²⁾ 4 th layer	⁽¹⁾ 1 st layer		⁽¹⁾ 1 st layer			
kg		mm	kN	m	m	m	m/min	kW	m/min	kW	A	kg
125 (90)	4	4	5	5 (4)	-	29 (24)	8 (11)	0,37	16 (22)	0,75	4 (5,2)	28
250 (180)			9	6 (5)		32 (27)	5,0 (7)		10 (14)			38
500 (340)			18	5 (4)		27 (24)	2,5 (4)		5 (8)			40
990 (780)	3	8	36	7 (6)	27 (23)	-	4,5 (6)	1,75	-	-	11	90
1000 (780)			71	6 (5)	26 (22)		2,2 (3)		160			
2000 (1560)			71	6 (5)	26 (22)		2,2 (3)		160			

operation mode S3 – 40 % - 120 c/h.

(1) top layer.

(2) with grooved rope drum.








(3) for double rope speed.



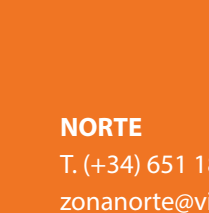
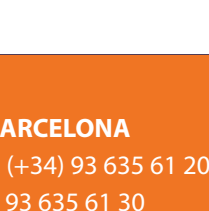
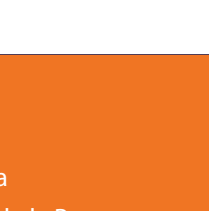
pulling rope force	main dimensions in mm															
	A1	A2 ⁽⁴⁾	A3	A4	A5	A6	A7	A8	B	B1	C	C1	C2	D	D1	D2
125	205	165 (195)	171	30	43	135	27	13	405	375	215	140	4	60	130	9
250	260		222	34	78	150	32	15			250	125	6		150	11
500					82	145	33	76			180	13				
990	345	216 (240)	289	45	99	198	48	17	575	535	270	155	10	108	180	13
1000					173	200	67	30	600	550	385	171	15	146	245	17
2000	440	198	443	71	193	257	75	30	600	550	405	191	15	216	370	17
3200	525				193	257	75				405	191	15	216	370	

(4) for single phase current.

VINCA products

- Bridges crane and gantry cranes
- Jib cranes
- Hoists & winches
- Scissor tables & scissor lifts
- Load elevators & Goods Lifts PLT 
- Dock levelers
- Mobile ramp RMC
- Dock shelters
- Vehicle restraint WHEEL-LOK
- Safety equipment for docks
- Mobile lifts
- Vacuum lifters VACU- LIFT
- Industrial Manipulators 
- Pallet Inverters/ Tippers 
- Levelers NIVELMATIC 
- Tilters INCLINATOR
- Turners 
- SKIPS
- Rotating transport trolleys for big loads
- Aerial lifts and Vertical Mast Lifts
- Industrial Fans HVLS
- Industrial flexible doors , high speed doors , cold storage doors
- Sectional Doors
- Fire Doors
- Gates and closures
- DOK-GUARDIAN Safety barriers
- Electrical lines for mobile equipment
- Lifting appliances
- Industrial radio controls
- After Sales Service
- TRANSFER car

 ATEX classified equipment as option.



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