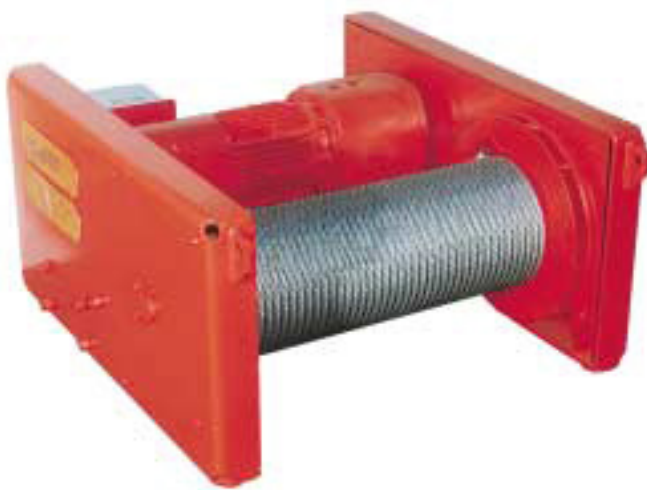




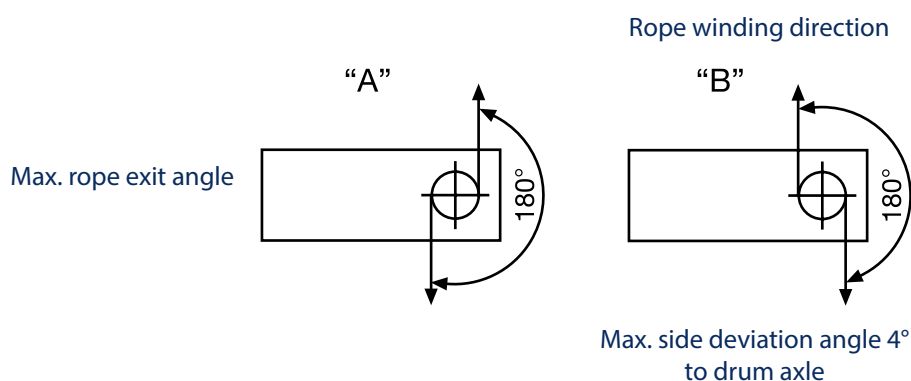
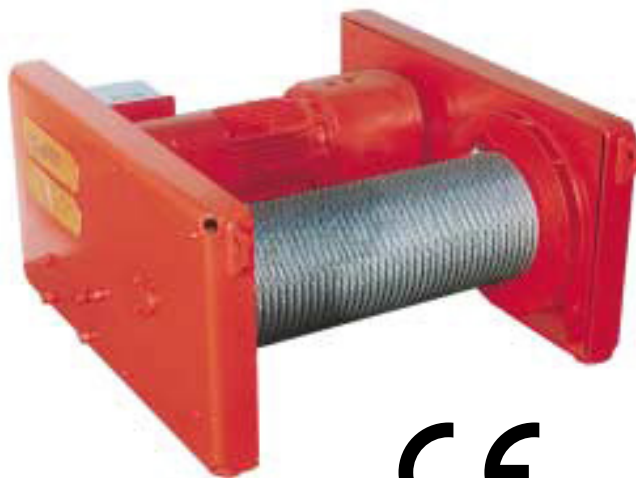
Hoists and winches

Electric wire rope winch

Electric wirerope winch

Type 42/87 E

- Robust design, lifetime-lubricated ball bearings
- High safety factor at low maintenance work
- Duty classification acc. to DIN 15020 – 1 Am
- Low self weight
- Silent operation
- Overload protection from 1000 daN up
- The ideal winch for installation work on building sites
- Stable design, no additional frame construction necessary
- Pulling rope force with single rope strand from 500 to 10000 daN
- Pulling rope force with several rope strands from 1000 to 50000 daN



Subject to changes.

Electric wirerope winch

Type	1st layer				top layer				motor output	current	drum speed	weight without rope
	pulling rope force	rope speed	wirerope storage	rope Ø	pulling rope force	rope speed	wirerope storage	nr. of rope layers				
	daN	m/min	m	mm	daN	m/min	m					
1506	500	6	28 (24)	6	330	9,4	183 (179)	5	0,55	1,45	21	80
1516		16/4				24/6			1,5 / 0,37	3,7 / 1,8	52 / 13	90
2306	990	6	30 (25)	9	730	8	151 (145)	4	1,1	2,6	13	110
2316		16/4				23 / 5,4			3 / 0,75	6,6 / 3	36 / 8,2	130
2406	1000	6				8			1,1	2,6	13	110
2416		16/4				23 / 5,4			3 / 0,75	6,6 / 3	36 / 8,2	130
3406	2000	6	36 (30)	12	1400	9,1	231 (226)	5	2,2	4,9	8	250
3416		16/4				22/5,7			5,5 / 1,4	13 / 5,6	23,5 / 6	280
4108	3200	8/2	35 (31)	16	2130	12,8 / 3,2	234 (230)			12,5 / 5,9	10,9 / 2,7	390
5106	5000	6/1,5	39 (35)	20	3325	8,5 / 2,1	263 (259)				5,7 / 1,4	950
6105	7500	5,5/1,4	54 (47)	24	5030		358 (351)		4	7,5 / 1,9	17,5 / 7,2	4,6 / 1,15
7104	10000	4/1	57 (50)	28	7265	6,2 / 1,5	288 (282)	3 / 0,75				1900

breaking load of wirerope min. 1770 N/mm²

(1) () with grooved rope drum

Standard model

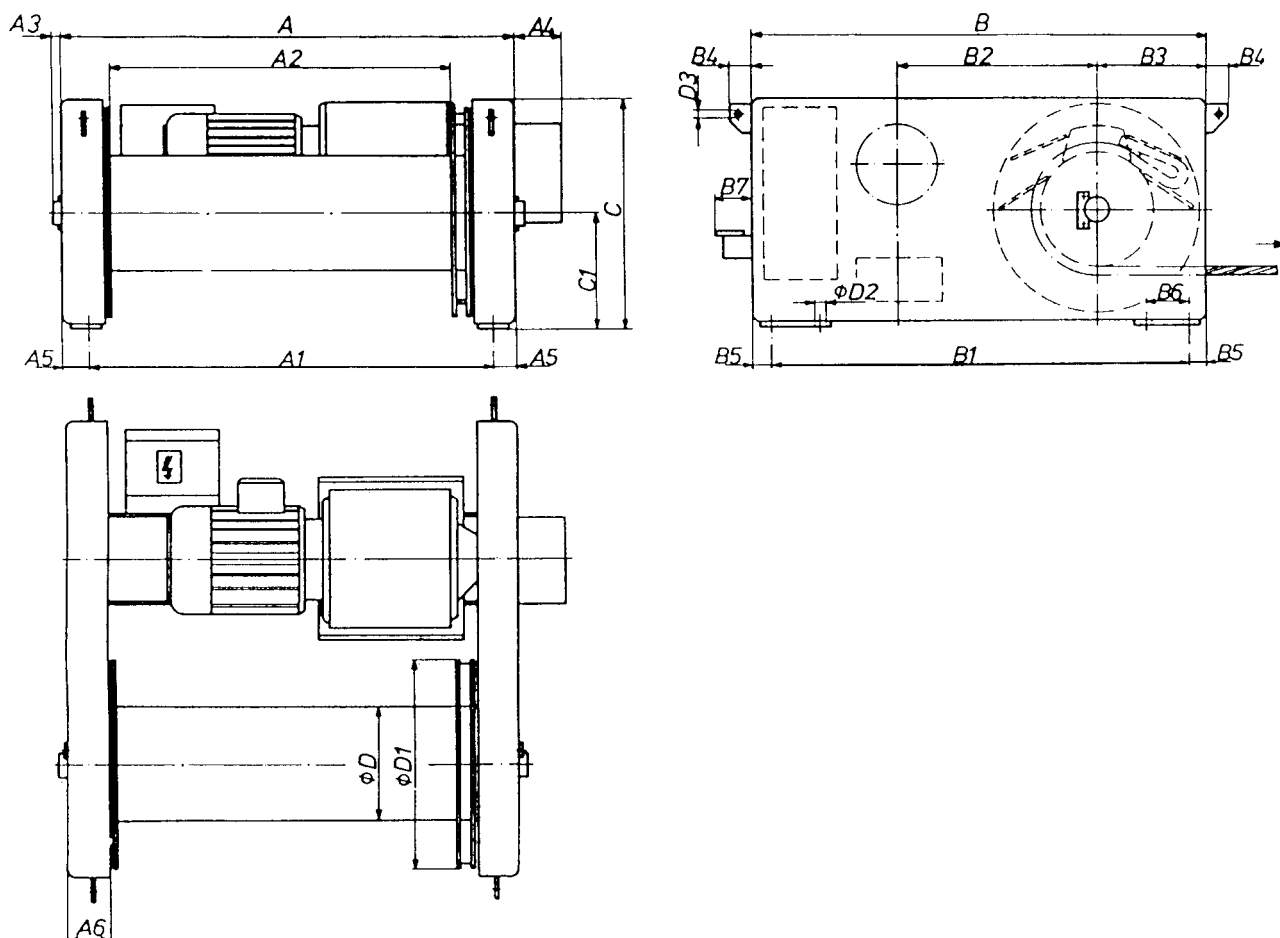
- ungrooved rope drum without separation
- without limit switch
- low voltage control installed for external control switch
- connection provided for external limit switch
- threephase current 400 Volt/50 Hz, IP 54 enclosure
- insulation class F, operation S3 - 40 % duty cycle 120 c/h, S2 - 30 min.
- control voltage 42 Volt
- rope winding direction "A"

Also available:

- other operating voltage
- other rope speeds
- rope drum extension
- grooved rope drum for exact rope pay out in 1st rope layer
- grooves: 1-groove, 2-grooves, parallel or counterwound
- rope winding direction "B"
- additional flanged wheels on the drum for two or more rope exits
- limit switch to stop the rope in highest and lowest load position
- slack rope switch (available up to 12 mm rope Ø)
- two rope speeds achieved by pole changing motor
- disengaging clutch to dismantle the uncharged rope

Optional control components:

- limit switch with roller lever
- wall-mounted control switch
- lockable wall-mounted control switch
- pendant control switch
- lockable pendant control switch
- protective motor switch



Type	main dimensions in mm																						
	A	A1	A2	A3	A4	A5	A6	B	B1	B2	B3	B4	B5	B6	B7	C	C1	D	D1	D2	D3		
1506 1516	700	650	590	142	95	25	40	470	400	234	120	--	35	--	120	276	141	89	167	11	--		
2306 2316	800	720	620	236		40	70	660	580	322	180	50	40			--	120	356	181	140	245	17	25
2406 2416																							
3406 3416	830	750	645	180		130	45	90	805	725	385	245	70			47,5	100	120	446	226	216	370	24
4108	990	900	750	20 ⁽²⁾	160	995			900	435	260	528		268	241				450	24			
5106	1100	1000	850	25 ⁽²⁾	150	50			1115	1000	535	285		593	300				298	550	30		
6105	1416	1300	1130			58			102	1415	1300	635		410	745				378	368	670	26	
7104	1540	1410	1225	25 ⁽²⁾	150	65	115	1540	1430	703	457	55	100	120	120	810	410	419	750	30	40		

Breaking load of wirerope min. 1770 N/mm²

(1) For type 1506 – 3416 dimension up to outer edge of terminal box

(2) with limit switch A3 = 235 mm

Electric wirerope winch

Use:

- with one or more wire ropes
- traversing winch with two wirerores
- manriding winch acc. to the regulations BGR 159 (ZH 1/461) for lifting of persons

Electric Wirerope Winch

Type 42/87 MR

- Manriding Winch for transport of persons



Also available as pneumatic wirerope winch:

- Type 42/87 P
- pulling capacities from 500 daN to 10000 daN
- continuous wirerope speed adjustment
- plenty of accessories available

Pneumatic Wirerope Winch

Type 42/87 P



VINCA products

- Bridges crane and gantry cranes
- Jib cranes
- Hoists and winches
- Scissor Tables and scissor lifts
- Elevators/Lifts for loads (PLT)
- Dock levelers
- Moving Dock levelers (RMC)
- Coats Furniture
- Wheel-lok (Vehicle Immobilizer)
- Safety equipment for docks
- Vacuum lifters VACU-LIFT
- Industrial Manipulators
- Pallet Inverters /Tippers
- Levelers NIVELMATIC
- Tilters inclinators
- Skips
- Industrial fans
- Industrial flexible doors, high speed doors
- Cold storage doors
- Fire doors
- Safety gates DOK-GUARDIAN
- Festoon for mobile equipment
- Lifting appliances
- Industrial Radio Controls
- After Sales Service for above equipment

Ⓔ ATEX classified equipment as option.



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