

A range of electric self braking worm gear winches, developed conform to the European norms for lifting winches, specially to P-82-NEN 3508-K3 and DIN 15020-1AM/2AM with long life service. The self braking worm gearbox is combined with an automatic fail-safe motor brake for precise load control. On types EN 580 to EN 1700 a grooved drum is fitted as standard according to the CE norm. A grooved drum ensures long service life for the cable.

Standard features:

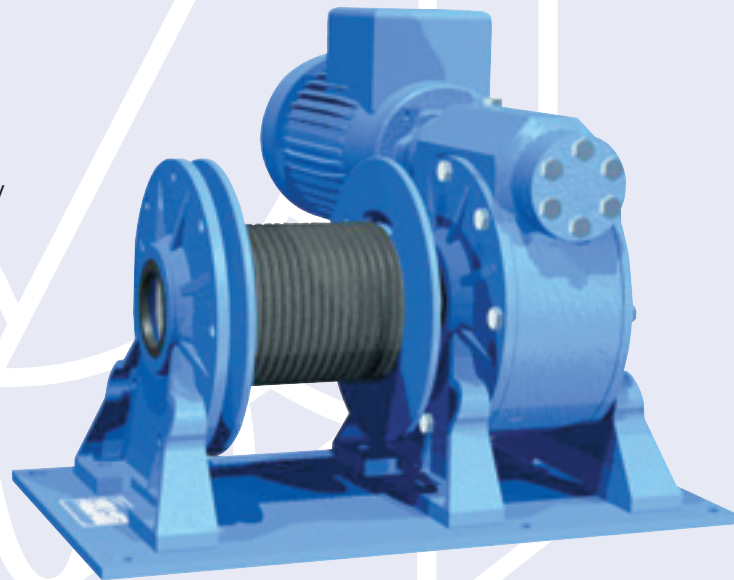
- Self braking worm gear transmission
- IP 54 aluminium braked motor 400 VAC / 3 phase / 50 Hz.
- Grooved steel drum (not grooved on EN 200, EN 450) with cable fixing point at flange
- Single drum support (EN 200, EN 450)
- Two drum supports (all other models)
- Single layer 1 component conservation, colour BS 20 (Medium Blue)

Available options:

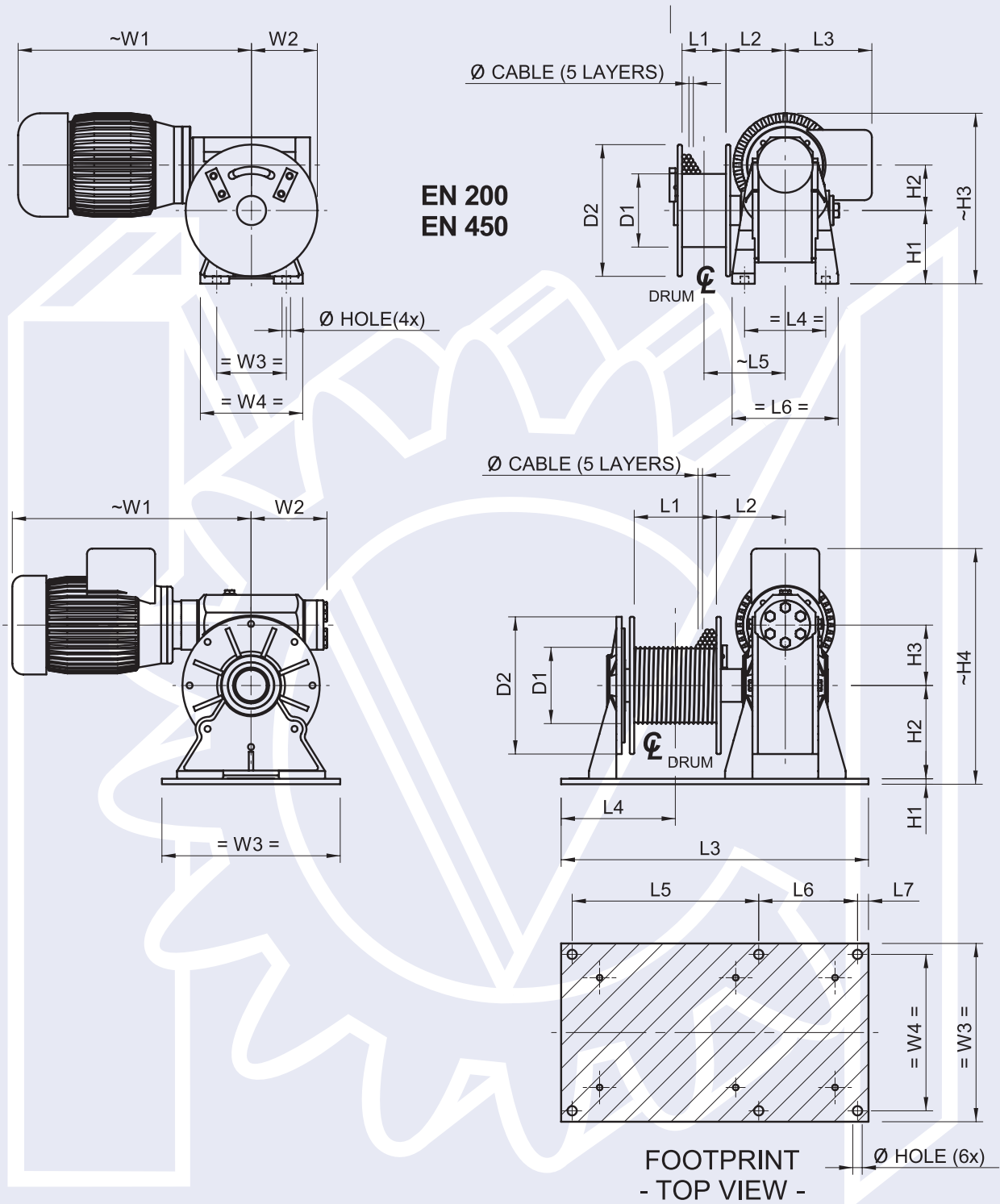
- IP 56 TENV cast iron motor for marine applications
- 220 or 110 VAC single phase motors (up to MC 950)
- 24 VDC motors
- Explosion proof motors
- Protective steel motor cover
- Drum pressure roller
- Alternative speeds
- Alternative drum dimensions / split drums / additional rope anchors / etc.
- Drum guards
- Emergency cranking
- Marine / offshore coating systems

Available control options:

- Direct pendant remote control IP 65 with emergency stop (up to 1,5 kW 220 VAC / 1 phase or 2,2 kW 400 VAC / 3 phase)
- Control box IP 55 with pushbuttons and emergency stop built acc. to NEN 1010
- Control box IP 55 with low voltage IP 65 remote control built acc. to NEN 1010
- Load limiter (required by CE for applications exceeding 1000 kg W.L.L.)
- Frequency inverter for variable speed control
- Limit switches
- Slack wire switches
- Radio remote control
- Infra red remote control



Winch type	W.L.L. 1st layer kg.	W.L.L. 3rd layer kg.	Recomm. rope diam. mm.	Speed 1st layer m/min.	Drumcap. 1st layer m.	Drumcap. 3rd layer m.	Motor power 400 VAC kW.
EN 200	200	160	5	6	3	11	0,37
EN 450	450	350	6	6,5	3	12	0,96
EN 580	580	450	7	5,5	8	25	1,1
EN 800	800	600	8	6,5	8	25	1,5
EN 1050	1050	800	10	7,5	10	33	3
EN 1325	1325	1050	11	9	13	45	4
EN 1700	1700	1350	12	9	15	50	5,5



Type	Mass (kg)	D1	D2	L1	L2	L3	L4	L5	L6	L7	H1	H2	H3	H4	W1	W2	W3	W4	Hole Ø
EN 200	19	100	180	60	81	118,5	111	111	143	-	100	62,17	233	-	319	90	95	140	11,5
EN 450	35	121	200	60	91	91,9	146	121	186	-	142	86,9	319	-	374	110	140	218	11,5
EN 580	60	121	200	150	104	500	180	320	150	15	10	142	86,9	378,4	392	110	270	240	13
EN 800	90	139	250	150	125,5	560	208	340	180	20	10	170	110	429,5	444	132	325	285	17
EN 1050	150	168	280	200	146,5	640	232,5	415	185	20	15	195	130	487	496	154,3	370	320	17
EN 1325	195	195	320	250	157	710	265	470	200	20	15	220	150	580	525	154	410	360	17
EN 1700	260	195	370	300	183	850	317,5	565	235	25	15	254	117,5	641,5	633,5	205	440	380	20

