

The standard built SB type winch provides the basis of the solution to many pulling and lifting winch applications. The winch is constructed in the conventional manner with motor and gearbox and drum in line. With this range capacities can go up to 70 tonnes lifting capacity. Although the name of this winch indicates different, these winches are very suitable to fit to your specific winch application. Many options can be offered on these highly versatile winches.

### Standard winch features:

- Heavy duty planetary gearbox
- SB E; IP 54 aluminium braked motor 400 VAC / 3 phase / 50 Hz.
- SB H; orbit or radial piston type hydraulic motor complete with brake valve
- SB LPR; radial piston type air motor complete with hand control valve and mufflers
- Radial piston type air motor complete with hand control valve
- Steel drum with cable fixing point at flange
- Two drum supports
- Single layer 1 component conservation, colour BS 20 (Medium Blue)

### Available winch options:

- IP 56 TENV cast iron motor for marine applications
- Explosion proof motors
- Protective steel motor cover
- Drum pressure roller
- Band brakes (manual or failsafe automatic)
- Manual disengaging clutch
- Alternative speeds
- Alternative supply voltages
- Drum guards

- Spooling gears
- Grooved drums
- Manual emergency crank
- Slip ring mounting
- Alternative drum dimensions / split drums / additional rope anchors / etc.
- Warping head
- Marine / offshore coating systems

### Available control options:

- Control box IP 55 with pushbuttons and emergency stop built acc. to NEN 1010
- Control box IP 55 with low volt-

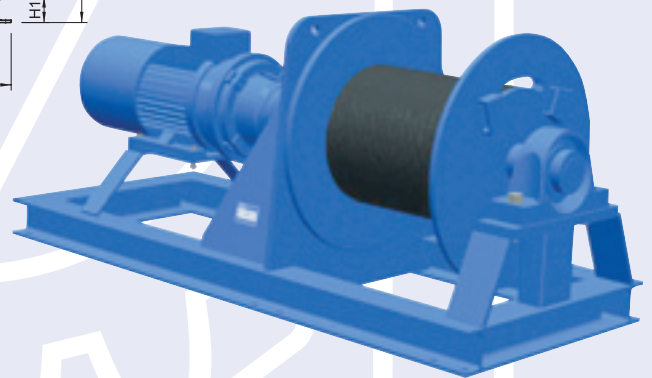
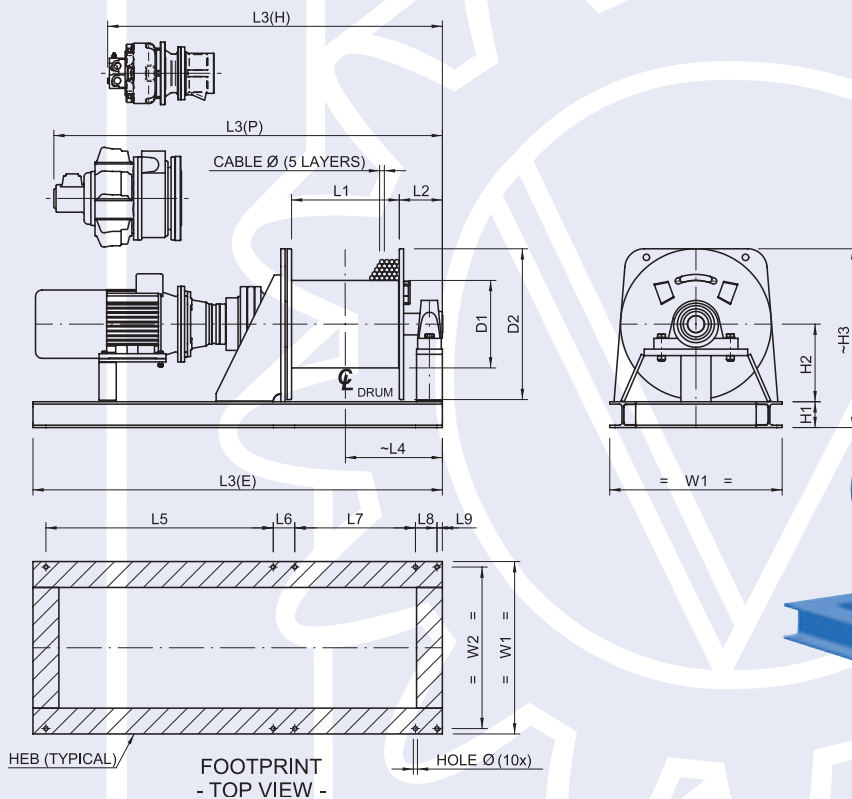
age IP 65 remote control built acc. to NEN 1010

- Load limiter (required by CE for applications exceeding 1000 kg W.L.L.)
- Radio / Infra red remote control
- Frequency inverter for variable speed control
- Limit switches (electric, pneumatic or hydraulic)
- Slack wire switches (electric, pneumatic or hydraulic)
- Proportional local or remote control valve (pneumatic or hydraulic)

Winch type	W.L.L. 1st layer kg.	W.L.L. 5th layer kg.	Recomm. rope diam. mm.	Speed 1st layer m/min.	Speed 5th layer m/min.	Drumcap. 1st layer m.	Drumcap. 5th layer m.	Motor power kW
SB 300 E	1200	860	10	7	9	32	190	1,5
SB 301 E	2100	1400	12	7	10	27	167	3
SB 303 E	2500	1700	15	8	12	27	167	4
SB 305 E	4000	2850	16	8	11	31	186	5,5
SB 306 E	5500	3970	18	12	17	32	194	11
SB 307 E	7000	4950	22	12	17	31	184	15
SB 309 E	9000	6300	26	14	19	29	176	22
SB 310 E	13000	8950	28	9	13	28	171	22
SB 311 E	16000	10660	34	10	15	25	157	30
SB 313 E	20000	13600	38	6	8	27	160	22
SB 315 E	32000	21700	48	7	11	26	156	45

Winch type	W.L.L. 1st layer kg.	W.L.L. 5th layer kg.	Recomm. rope diam. mm.	Speed 1st layer m/min.	Speed 5th layer m/min.	Drumcap. 1st layer m.	Drumcap. 5th layer m.	Motor power kW	Pressure drop in bar	Flow in l/min.
SB 303 H	2500	1700	15	20	29	27	167	9	130	50
SB 305 H	4000	2850	16	26	37	31	186	19	215	55
SB 306 H	5500	3970	18	27	37	32	194	27	215	80
SB 307 H	7000	4950	22	30	42	29	184	39	185	130
SB 309 H	9500	6630	26	26	37	29	176	45	225	125
SB 310 H	13000	8950	28	12	18	28	171	30	200	55
SB 311 H	14000	9700	32	10	15	25	157	30	210	115
SB 313 H	20000	13600	38	10	15	27	160	38	170	120
SB 315 H	32000	21700	48	8	12	26	156	50	190	160

Winch type	W.L.L. 1st layer kg.	W.L.L. 5th layer kg.	Recomm. rope diam. mm.	Speed 1st layer m/min.	Speed 5th layer m/min.	Drumcap. 1st layer m.	Drumcap. 5th layer m.	Pressure drop in bar	Flow in l/sec.
SB 300 LPR2	1000	680	10	12	18	27	166	7	75
SB 303 LPR2	2300	1575	15	7	10	27	167	7	85
SB 303 LPR3	2300	1575	13	14	19	31	186	7	130
SB 305 LPR3	4000	2850	16	9	13	31	186	7	150
SB 305 LPR4	4000	2850	16	15	21	31	186	7	220
SB 306 LPR4	5000	3600	18	13	18	31	187	7	250
SB 307 LPR4	7000	4960	22	9	13	30	184	7	220
SB 307 LPR5	7000	4960	22	14	20	30	184	7	400
SB 309 LPR5	9000	6280	26	10	14	29	177	7	350
SB 311 LPR5	13000	9000	30	8	12	28	173	7	350
SB 313 LPR6	20000	16500	34	7	9	30	180	7	450



Type	Mass (kg)	D1	D2	L1	L2	L3(E)	L3(H)	L3(P)	L4	L5	L6	L7	L8	L9	H1	H2	H3	W1	W2	Heb	Hole Ø
300	245	195	410	500	155	1400	-	1450	405	630	80	540	80	20	100	215	520	500	460	100	14
301	260	195	410	500	155	1500	-	-	405	730	80	540	80	20	100	215	520	500	460	100	14
303	340	244	500	500	155	1500	1300	1600	405	720	80	550	80	20	100	260	610	600	560	100	14
305	400	298	500	500	155	1600	1300	1600	405	820	80	550	80	20	100	260	610	600	560	100	14
306	620	355	600	500	165	1900	1500	1800	415	1110	80	560	80	20	100	310	710	700	660	100	17
307	790	406	700	500	200	1900	1550	1900	450	1055	100	560	100	25	120	360	830	800	750	120	19
309	1065	455	750	500	215	1950	1550	1950	465	1070	110	560	110	30	140	385	900	900	840	140	22
310	1360	470	850	500	259	2000	1600	-	509	1050	120	590	120	40	160	435	1020	1000	940	160	26
311	1575	508	950	500	259	2050	1650	1950	509	1100	120	590	120	40	160	495	1130	1100	1040	160	26
313	2220	610	1100	500	260	2100	1800	2150	510	1140	120	590	120	40	180	570	1300	1300	1230	180	32
315	2450	660	1200	500	299	2500	2100	-	549	1490	140	590	140	40	200	620	1420	1500	1420	200	36

