

Designed to the standards issued by the classification societies and meets UK HSE regulations for personnel lifting operations on offshore installations. The winches are dedicated personnel lifting winches offered with Lloyds Register of Shipping (LRS) Design Appraisal Certificate and full material trace-ability. They have passed the EC testing for these applications, i.e., both the winches and their technical files are in compliance with the requirements of the EC Machinery Directives.

Standard features:

- Self braking worm gear transmission
- UK HSE compliance
- Automatic band brake
- Rotary vane or radial piston air motor
- Orbit or vane hydraulic motor
- IP 56 TENV or Eexd electric motor
- Grooved steel drum
- Full material trace-ability (3.1b - EN 10204) on load bearing parts
- Two drum supports
- Emergency hand crank
- Offshore coating
- Mufflers
- Operating conditions -15°C through 50°C
- LRS design appraisal (MR 150 / 500 H MR 500 H)

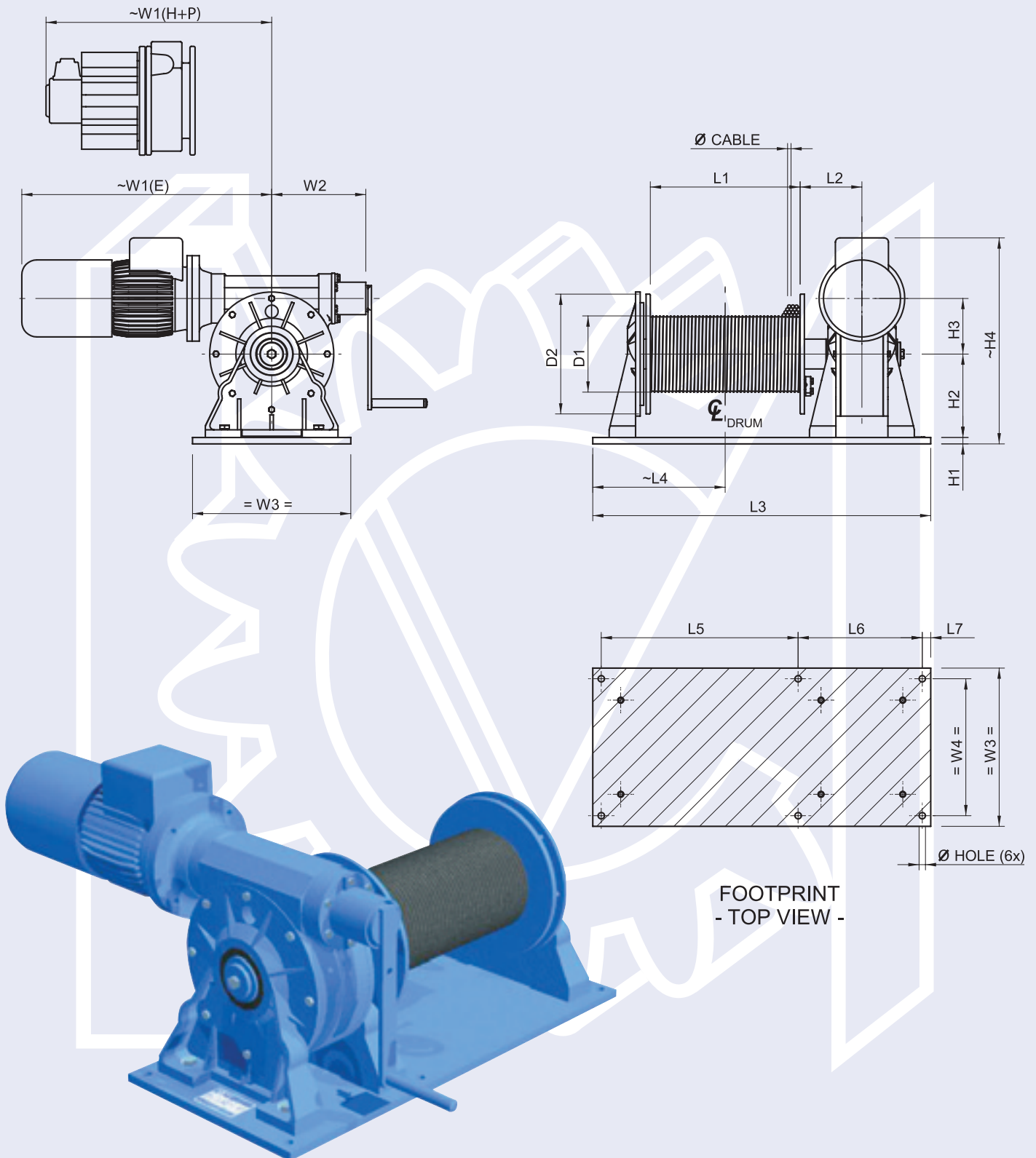
Available options:

- Drum pressure roller
- Alternative speeds
- Alternative drum dimensions / split drums / additional rope anchors / etc.
- Drum guard
- Certifying authority witness test (ABS / DNV / etc.)
- Operating conditions -45°C through 50°C
- Air service unit

Available control options:

- Electric / hydraulic or pneumatic control systems
- Limit switch
- Slack wire switch
- Overload protection device (load limiter)
- Emergency hand crank interlock switch.

Winch type	W.L.L. all layers kg.	Recomm. rope diam. mm.	Speed 4th layer m/min.	Drumcap. 4th layer m.	Motor power 400 VAC kW.	Pressure drop in bar	Hydr. flow min l/min.	Air flow l/sec.
MR 500 E	500	8	10	100	1,8			
MR 1000 E	1000	10	13	80	4			
MR 1450 E	1450	12	13	90	5,5			
MR 500 EXD	500	8	10	100	1,8			
MR 1000 EXD	1000	6	13	80	4			
MR 1450 EXD	1450	10	13	90	5,5			
MR 150 H	150	8	15	110		50	20	
MR 500 H	500	8	14	100		100	20	
MR 1000 H	1000	10	17	80		150	25	
MR 1450 H	1450	12	20	90		160	40	
MR 150 P	150	8		110		5		50
MR 500 P	500	8	17	100		5		120
MR 1000 P	900	10	14	80		8		160
MR 1450 P	1450	12	14	90		7		230



Type	Mass (kg)	D1	D2	L1	L2	L3	L4	L5	L6	L7	H1	H2	H3	H4	W1(E)	W1(H+P)	W2	W3	W4	Hole \varnothing
MR 150	200	195	320	380	144,5	800	340	550	210	20	15	195	110	420	384	279	134	410	370	13
MR 500	180	178	280	350	144,5	790	310	460	290	20	15	195	130	481,5	584	533	154,3	370	320	15
MR 1000	215	212	320	300	154,5	760	290	520	200	20	15	220	150	534	665	616	250	410	360	17
MR 1450	280	240	370	370	180	920	352,5	635	235	25	15	254	117,5	641,5	721	734	284,5	440	380	20

