



HYDRAULIC WINCHES



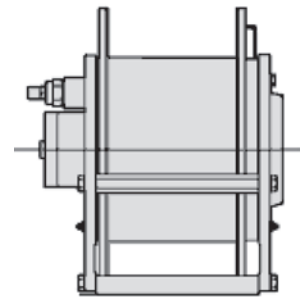
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Hoisting Winches P series Class: M4

HT 11 / C / 101 / 0404 / V / E

Compact. High load capacity, high hoisting speed.
Single stage, powered with orbital motors with various displacement rates.
Hydraulic negative multi-disc brake. Flangeable overcentre valve.

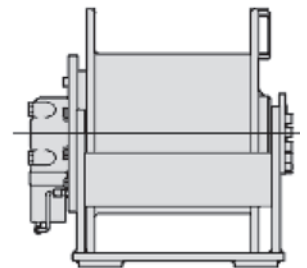
TYPE	max pull at 4° layer (daN)	hoisting pressure (bar)	max hoisting speed (m/min)	max. flow rate (l/min)	rope diameter (mm)	quantity of rope at 4° layer (m)
P6	600	115	45	40	7	56
P6/E	800	100	48	50	8	50
P9	900	150	52	55	8	68
P9/E	1150	155	39	50	10	55
P15	1600	165	49	75	10	57
P15/E	1950	180	40	75	12	47



Hoisting Winches S series Class: M5

Wide range of dimensions, high load capacity under difficult load conditions.
One, two or three reduction stages, powered with high performance 160-326 cc geroller type orbital motors or with 60 -110 cc axial piston motors.
Hydraulic negative multi-disc brake. Flangeable overcentre valve.
Reduced overall dimensions.

TYPE	max pull at 4° layer (daN)	hoisting pressure (bar)	max hoisting speed (m/min)	max. flow rate (l/min)	rope diameter (mm)	quantity of rope at 4° layer (m)
S15	1600	205	65	75	10	56
S19	1900	205	54	75	12	46
S20	2100	235	78	100	12	76
S25	2500	230	65	100	14	66
S27	2750	200	53	100	14	66
S30	3000	215	50	100	14	86
S35	3500	210	43	100	15	81
S45	4500	230	37	100	16	102
S45V	4500	275	83	190	16	102
S60	6000	260	67	220	18	115
S80	7500	260	54	220	20	121
S100	10000	260	47	260	24	133

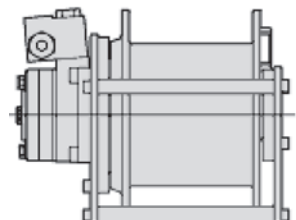


Hoisting Winches NP series Class: M5 or M6 depending on the type

Compact, single stage. High hoisting speed.
Powered with orbital motors with various displacement rates.
Hydraulic negative multi-disc brake. Flangeable overcentre valve.

TYPE	max pull at 3° layer (daN)	hoisting pressure (bar)	max hoisting speed (m/min)	max. flow rate (l/min)	rope diameter (mm)	quantity of rope at 3° layer (m)
NP05	400(*)	150	63	30	6	46(**)
NP08	650	150	36	30	7	30
NP10	900	165	28	30	8	27
NP12	1100	165	22	30	8	27
NP18	1250	175	31	40	10	31

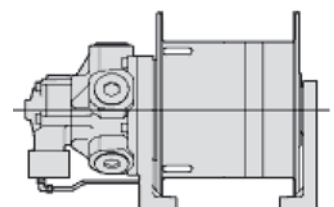
(*) Max pull at 4th layer
(**) Rope capacity at 4th layer



Hoisting Winches BH series Class: M5

High load capacity, high hoisting speed.
Single stage, powered with radial piston motors with various displacement rates.
Hydraulic negative multi-disc brake. Flangeable overcentre valve.
Silent running.

TYPE	max pull at 4° layer (daN)	hoisting pressure (bar)	max hoisting speed (m/min)	max. flow rate (l/min)	rope diameter (mm)	quantity of rope at 4° layer (m)
BH180	800	170	90	60	8	60
BH180/5	1100	165	62	60	8	60
BH215	1600	210	58	60	10	77
BH220	2000	195	53	60	10	77



Hoisting Winches SW series Custom-built

Wide range of load capacities and hoisting speeds.
One, two or three reduction stages, motorised with various kind of orbit motors or axial pistons motors.
Hydraulic negative multi-disc brake. Flangeable over-center valve.
Test and checks run as specified.

All types can be supplied complete with: wire rope - pulley blocks - hooks - cable tensioner - electronic load limiting system.
Test and certificates available on request : DNV - GERMAN LLOYD - RINA