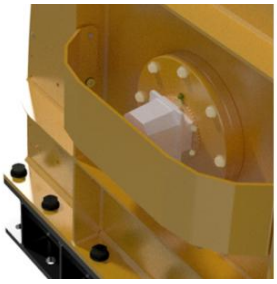
KOLOSS 12 t - 18 m/min - 520 m of rope







Electric winch 12000 kg. Range of electric winches withlarge wincding capacities designed for lifting and pulling applications of very heavy loads.
Use:
- Lifting and pulling/traction operations
- Industry
- Construction and Public works
- Cofferdam lifting winch...
Made in France. Comply with 2006/42/EC Machine Directive.

Technical properties

- Robustness and reliability of HUCHEZ mechanical parts.
- Steel mechano-welded chassis shot blasted and painted.
- IP 55 Protection.
- Asynchronous motor. IP 55 protection.
- Automatic lack of current brake.
- Three phase 400 V - 50 Hz power.
- Bottom frame, control box and braking resistors mounted on the winch, electronic load limiter included.
- Low voltage control (VV) ensuring user protection against electrical risks. In addition to these advantages of very low voltage, the VV control allows variation of the winding speed, smooth starts and stops.
- Reliability of electrical and electronics components.
- 3 buttons pendant control (Up - Down - Emergency stop) not removable with potentiometer (10 m long control cable). Located in a sealed protective box fixed to the control box.
- Length of drum: 1100 mm.
- Many wire rope exits and options possible (pressure type press roller, marine paint, radio control...): consult us.

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Technical characteristics of KOLOSS 12 t - 18 m/min - 520 m of rope

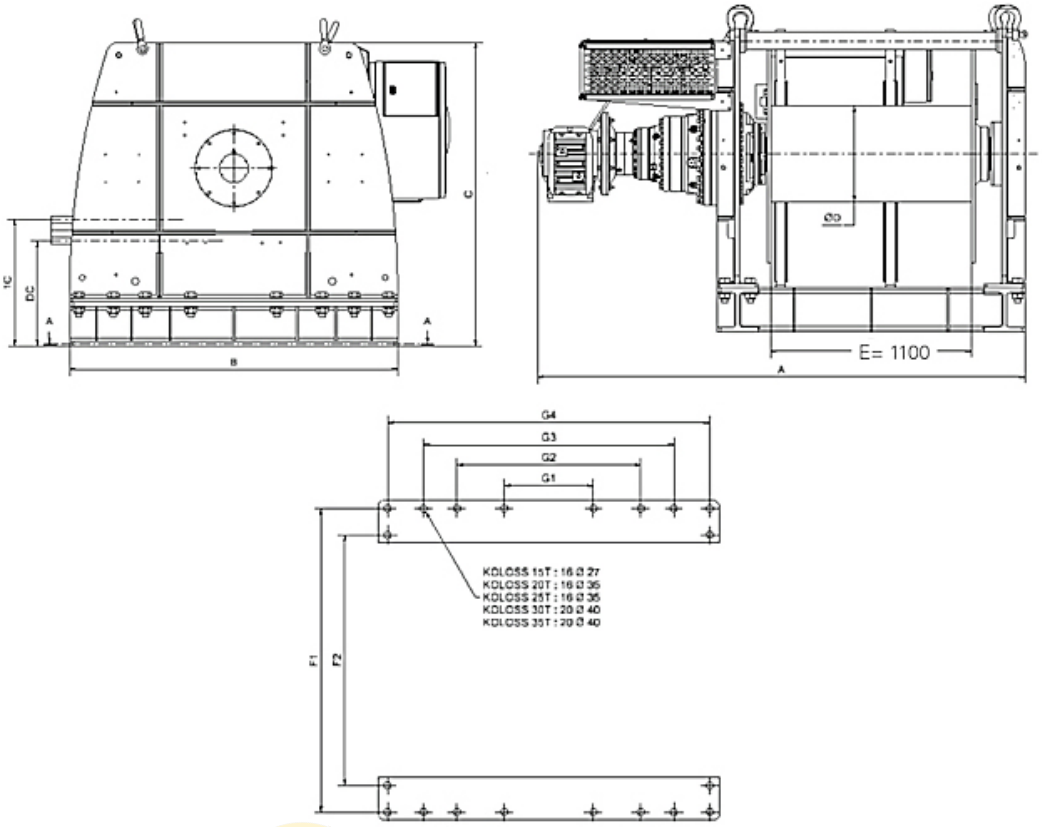
References	KOLOSS12DVV21
Capacity 1st layer kg	20700
Capacity top layer kg	12000
Nb of layers	7
Wire rope cap. 1st layer m	50
Max. rope capacity m	520
Wire rope Ø mm	26
Adjustable speed 1st layer m/min	1-10,6
Adjustable speed top layer m/min	1,8-18,3
FEM	1Bm
Motor kW	37
Power	3Ph-400V
Weight kg	Consult us

Dimensions

References	KOLOSS12DVV21
A mm	2380
B mm	1919
C mm	1360
D mm	Ø 405
E mm	1100
F1 mm	1529
F2 mm	-
G1 mm	190
G2 mm	570
G3 mm	950
G4 mm	1330

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Technical characteristics of the other models of the range

References	KOLOSS12DVV9	**KOLOSS12DVV21**	KOLOSS15VV7	KOLOSS15VV17	KOLOSS17DVV6
Capacity 1st layer kg	20700	**20700**	20700	20700	25000
Capacity top layer kg	12000	**12000**	15000	15000	17000
Nb of layers	7	**7**	4	4	5
Wire rope cap. 1st layer m	50	**50**	0,6-5,5	45	50
Max. rope capacity m	520	**520**	0,8-7,7	240	340
Wire rope Ø mm	26	**26**	28	28	30
Adjustable speed 1st layer m/min		**1-10,6**	45	1-10,7	0,5-4,4
Adjustable speed top layer m/min		**1,8-18,3**	240	1,4-14,8	0,7-6,6
FEM	1Bm	**1Bm**	1Bm	1Bm	1Bm
Motor kW	22	**37**	22	37	22
Power	3Ph-400V	**3Ph-400V**	3Ph-400V	3Ph-400V	3Ph-400V
Weight kg		**Consult us**	Consult us	Consult us	Consult us

References	KOLOSS17DVV14	KOLOSS20VV5	KOLOSS20VV12	KOLOSS20DVV4	KOLOSS20DVV8
Capacity 1st layer kg	25000	25000	25000	31000	31000
Capacity top layer kg	17000	20000	20000	20000	20000
Nb of layers	5	3	3	6	6
Wire rope cap. 1st layer m	50	45	45	50	50
Max. rope capacity m	340	160	160	440	440
Wire rope Ø mm	30	32	32	32	32
Adjustable speed 1st layer m/min	0,8-8,6	0,5-4,5	0,8-8,6	0,3-2,5	0,5-4,9
Adjustable speed top layer m/min	1,2-12,7	0,6-5,6	1-10,8	0,4-4	0,7-7,6
FEM	1Bm	1Bm	1Bm	1Bm	3Ph-400V
Motor kW	37	22	37	22	37
Power	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V	1Bm
Weight kg	Consult us	Consult us	Consult us	On request	On request

References	KOLOSS25VV3	KOLOSS25VV7	KOLOSS25DVV4	KOLOSS30VV3	KOLOSS30VV8
Capacity 1st layer kg	31000	31000	41000	43000	43000
Capacity top layer kg	25000	25000	25000	30000	30000
Nb of layers	3	3	6	4	4
Wire rope cap. 1st layer m	45	45	45	40	40
Max. rope capacity m	160	160	400	220	220
Wire rope Ø mm	36	36	36	40	40
Adjustable speed 1st layer m/min	0,3-2,5	1Bm	0,3-2,5	0,3-2,5	0,5-4,8
Adjustable speed top layer m/min	0,4-3,2	0,5-4,9	0,5-4,1	0,4-3,6	0,7-7
FEM	1Bm	0,6-6,2	1Bm	1Bm	1Bm
Motor kW	22	37	22	22	37
Power	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V
Weight kg	On request	On request	On request	On request	On request

References	KOLOSS30DVV3	KOLOSS30DVV8	KOLOSS35VV3	KOLOSS35VV7	KOLOSS25DVV9
Capacity 1st layer kg	50000	50000	50000	50000	41000
Capacity top layer kg	30000	30000	35000	35000	25000
Nb of layers	6	6	4	4	6
Wire rope cap. 1st layer m	40	40	40	40	45
Max. rope capacity m	390	390	210	210	400
Wire rope Ø mm	40	40	42	42	36
Adjustable speed 1st layer m/min	0,3-2,3	0,5-4,6	0,3-2,3	0,5-4,5	0,5-4,8
Adjustable speed top layer m/min	0,4-3,8	0,7-7,4	0,4-3,3	0,6-6,3	0,8-8
FEM	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	22	37	22	37	37
Power	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V
Weight kg	On request	On request	On request	On request	On request



HUCHEZ's advice

Strong points: Winches with large winding capacities, robustness, many options possible.

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