



Electric winch DPS/DPT



CP.0.DPS

Features

- » Suitable for pulling applications.
- » Suitable for a wide range of industrial applications.
- » Permanently lubricated transmission, ensures smooth and quiet operation.
- » Supplied ready to use with control switch, power cable and steel cable with load hook.
- » Complies with the Machinery Directive 2006/42/EC. Supplied with test certificate, CE declaration of conformity and operating instructions.

230V

Specifications						
Article code	Capacity	Pulling range	Max. speed	Steel cable	Power output	Net weight
	ton	m	m/min	m x Ømm	kW	kg
CP.0.DPS.200	0,200	28	14,1	30 x 6	0,37	32
CP.0.DPS.250	0,250	28	14,1	30 x 6	0,6	36
CP.0.DPS.300	0,300	28	14,1	30 x 7	0,75	38
CP.0.DPS.500	0,500	43	18,9	45 x 8	1,5	76

Specifications	
Application	Pulling winch
Operating voltage	230V / 50Hz / 1Ph / 400V / 50Hz / 3Ph
Speed	Single speed
Cable	Steel cable
Control cable	2 meters (≥2 ton 10 meters)
Power cable	1 meter with plug
Housing protection	IP 44 (≥2 ton IP 54)
Control protection	IP 65
Classification	M5/2m (ISO/FEM)
Duty cycle / Starts per hour	40% / 240
Insulation class	F
Operating temperature	-10°C - +40°C
Load type	Goods, may not be used to lift or transport people



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Protection	
Control switch	230V/400V pendant control with emergency stop
Overload protection	No overload protection
Brake	Mechanical brake
Limit switch	No limit switch



0,3 - 0,5 ton



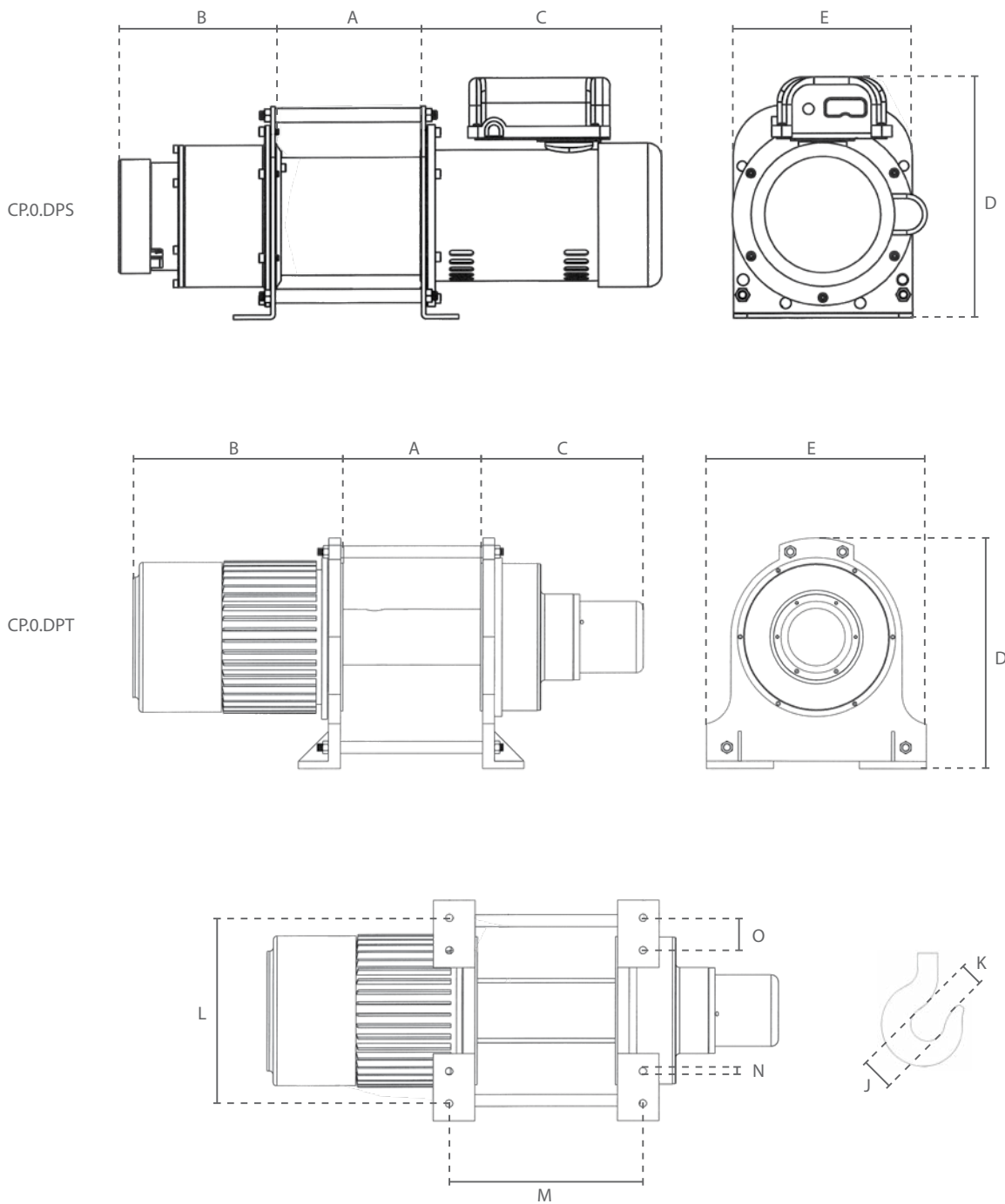
CP.0.DPT

400V

Article code	Capacity ton	Pulling range m	Specifications		Power output kW	Net weight kg
			Max. speed m/min	Steel cable m x Ømm		
CP.0.DPT.30075	0,300	28	14,1	30 x 7	0,75	38
CP.0.DPT.30151	0,500	43	18,9	45 x 8	1,5	76
CP.0.DPT.30375	1,000	43	12,9	45 x 10	2,25	152
CP.0.DPT.30750	2,000	68	17,4	70 x 12	3,75	364
CP.0.DPT.31500	3,000	68	19,7	70 x 16	5,62	391
CP.0.DPT.34000	5,000	68	12	70 x 20	7,5	472



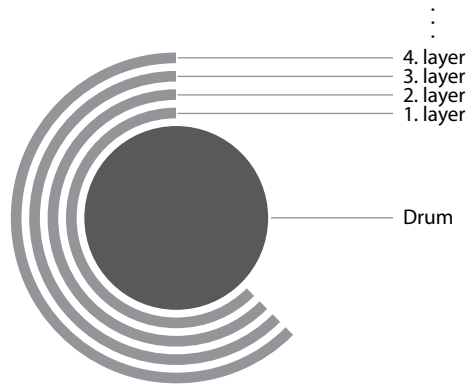
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Dimensions (mm)											
Article code	A	B	C	D	E	J	K	L	M	N	O
CP.0.DPS.200	125	167	243	261	201	49	41	160	155	13	-
CP.0.DPS.250	125	167	244	261	201	49	41	160	155	13	-
CP.0.DPS.300	158	167	265	261	201	49	41	160	224	13	-
CP.0.DPS.500	246	183	295	305	310	49	41	266	305	16	-
CP.0.DPT.30075	158	270	167	261	201	49	41	160	224	13	-
CP.0.DPT.30151	246	295	183	305	310	49	41	266	305	16	-
CP.0.DPT.30375	355	385	360	365	400	49	41	350	510	20	-
CP.0.DPT.30750	385	515	425	525	590	45	35	510	535	26	100
CP.0.DPT.31500	385	565	425	525	590	45	35	510	535	26	100
CP.0.DPT.34000	510	695	425	525	590	55	38	510	660	26	100



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Explanation of the cable layers

Capacity per layer (ton)										
	DPS.200	DPS.250	DPS.300	DPS.500	DPT.30075	DPT.30151	DPT.30375	DPT.30750	DPT.31500	DPT.34000
1.	0,340	0,420	0,450	0,760	0,450	0,760	1,210	2,710	4,610	
2.	0,290	0,370	0,410	0,680	0,410	0,680	1,090	2,420	4,090	
3.	0,260	0,330	0,360	0,610	0,360	0,610	1,000	2,180	3,660	
4.	0,240	0,310	0,320	0,540	0,320	0,540	-	2,000	3,310	
5.	0,210	0,270	0,300	0,500	0,300	0,500	-	-	3,000	
6.	0,200	0,250	-	-	-	-	-	-	-	

Speed per layer (m/min)										
	DPS.200	DPS.250	DPS.300	DPS.500	DPT.30075	DPT.30151	DPT.30375	DPT.30750	DPT.31500	DPT.34000
1.	8	8	8,6	12,3	8,6	12,3	9,8	13,3	13,2	
2.	9,3	9,3	9,7	14,5	9,7	14,5	10,8	15,2	15,4	
3.	10,4	10,4	11,3	15,7	11,3	15,7	12,9	16,4	16,8	
4.	11,6	11,6	12,6	17,8	12,6	17,8	-	17,4	18,6	
5.	12,8	12,8	14,1	18,9	14,1	18,9	-	-	19,7	
6.	14,1	14,1	-	-	-	-	-	-	-	

Capacity per gradient (top layer on hard surface) (ton)										
	DPS.200	DPS.250	DPS.300	DPS.500	DPT.30075	DPT.30151	DPT.30375	DPT.30750	DPT.31500	DPT.34000
0°	1,170	1,470	1,760	2,940	1,760	2,940	5,880	11,760	17,640	29,410
< 6° (10%)	0,740	0,920	1,110	1,850	1,110	1,850	3,710	7,410	11,110	18,510
< 11° (20%)	0,550	0,690	0,830	1,380	0,830	1,380	2,770	5,550	8,330	13,880
< 17° (30%)	0,440	0,550	0,660	1,110	0,660	1,110	2,220	4,440	6,660	11,110
< 22° (40%)	0,370	0,460	0,550	0,920	0,550	0,920	1,850	3,710	5,550	9,250
< 27° (50%)	0,320	0,410	0,490	0,820	0,490	0,820	1,630	3,270	4,910	8,190
< 31° (60%)	0,290	0,370	0,440	0,740	0,440	0,740	1,490	2,980	4,470	7,460
< 35° (70%)	0,270	0,340	0,410	0,690	0,410	0,690	1,380	2,770	4,160	6,940
< 45° (100%)	0,240	0,310	0,360	0,610	0,360	0,610	1,210	2,410	3,610	6,020
> 45°	0,200	0,250	0,300	0,500	0,300	0,500	1,000	2,000	3,000	5,000