



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



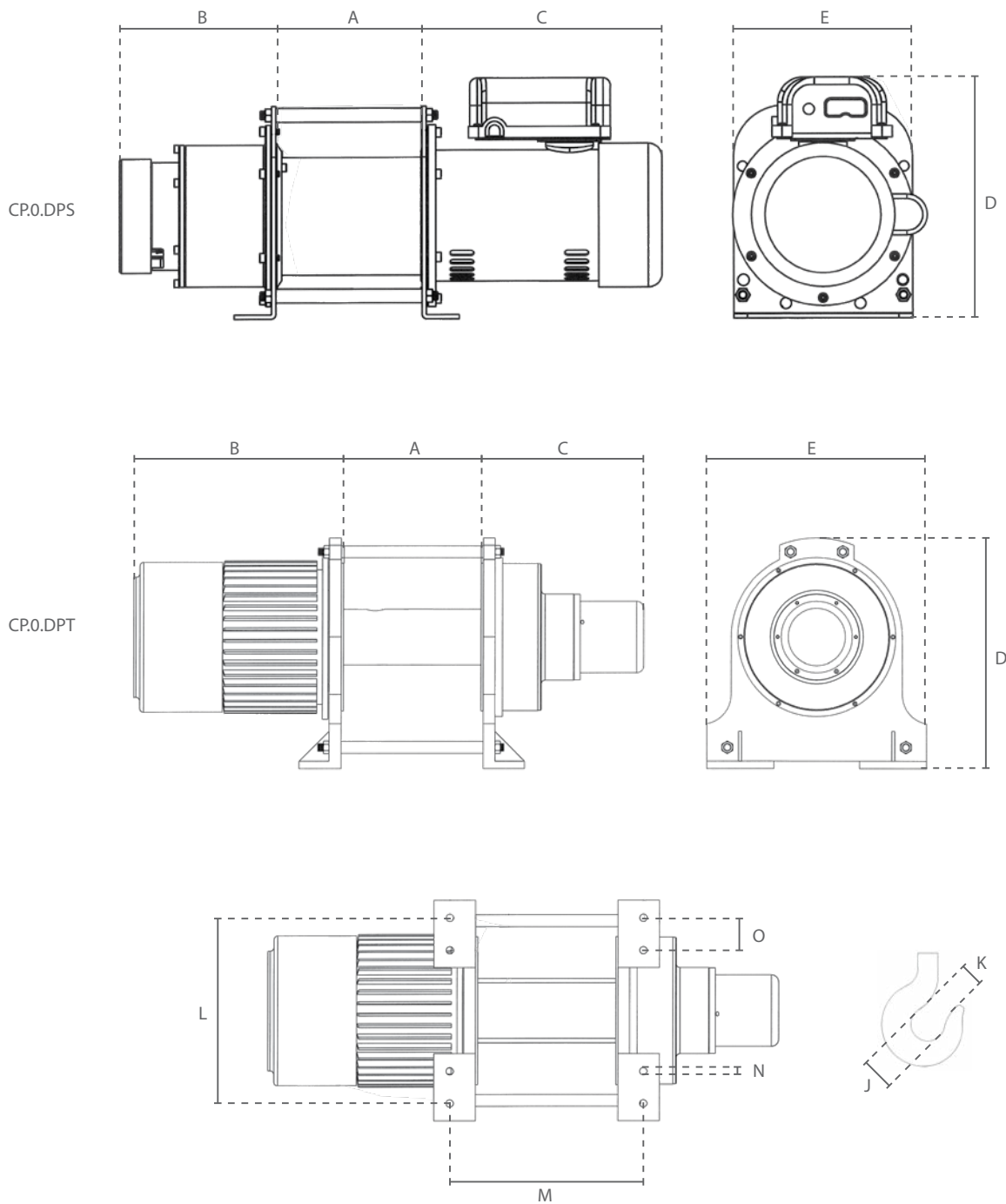
CP.0.DPT

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



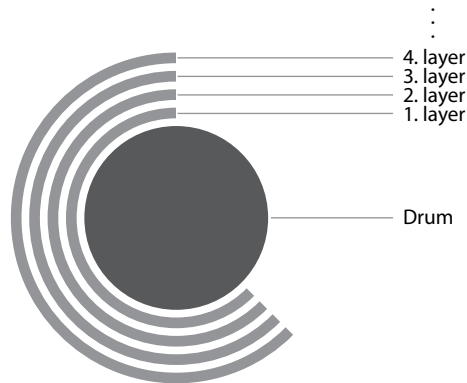
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Dimensions (mm)											
Article code	A	B	C	D	E	J	K	L	M	N	O
CP.0.DPS.200	125	246	164	261	201	49	41	155	160	7	-
CP.0.DPS.250	160	265	164	261	201	49	41	155	160	7	-
CP.0.DPS.300	160	279	164	261	201	49	41	155	224	7	-
CP.0.DPS.500	246	272	180	285	310	49	41	260	305	8	-
CP.0.DPT.30075	160	279	164	261	201	49	41	155	224	7	-
CP.0.DPT.30151	246	272	180	365	310	49	41	260	305	8	-
CP.0.DPT.30375	340	383	360	365	400	39	30	350	510	14	-
CP.0.DPT.30750	378	524	436	520	590	39	30	540	525	14	85
CP.0.DPT.31500	378	580	436	520	590	45	35	540	525	14	85
CP.0.DPT.34000	510	694	436	520	590	55	38	540	660	14	85



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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