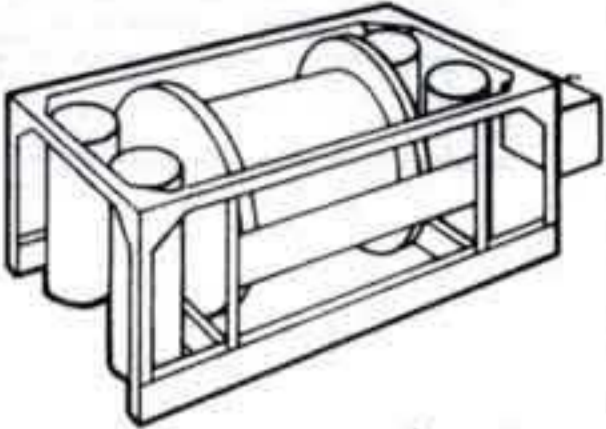


ALIMAK 397 mars-75

Winches for mining and civil engineering

Specifications

* El. motor 6 pole
 ** El. motor 4 pole

		EPG-4	
			
		4 motors	
Wire speed	m/min (ft/min)	13 (42.65)	28 (91.86)
Max. static wiring pull	n=6	5000 (11023)	
	n=8	4000 (8818)	
Worm gear		20:1	14:1
Brake moment/ Safety brake	kpm (lbf/ft)	3000 (21700)	
El. motors	kW	16*	30**
Wires		Rotations free	Non rotations free
A=area	mm ²	Ø 22 A=171.9	Ø 22 A=215
B=breaking force	kp/mm	B=30600	B=38700
Max. wire pull	n=6	3825 (8433)	5482 (12086)
	n=7	3278 (7227)	4699 (10360)
	n=8	2868 (6323)	4111 (9063)
Max. drum capacity with 800 and 1200 mm drum resp.	1 layer	800	56 (183.7)
		1200	101 (331.4)
	2 layers	800	138 (452.7)
		1200	211 (692.3)
	3 layers	800	215 (705.4)
		1200	328 (1076.1)
	4 layers	800	297 (974.4)
		1200	451 (1479.7)
Tot. weight excl. wire	800 drum	2300 (5071)	
	1200 drum	2450 (5401)	
Wire weight	kg/m (lbs/ft)	1.80 1.21	1.95 1.31