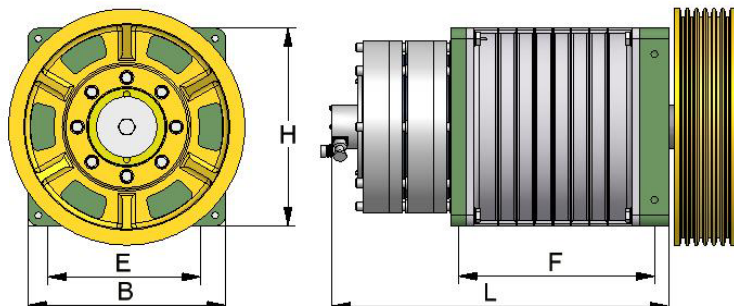


Technical Specification OMS Gearless M 4 – M 6

(technical modification reserved – update 09/2005)



Application Range, Technical Parameter and Main Dimensions



	Machine Typ		
	M4	M5	M6
Cabin Load			
Roping Factor 1:1	320 kg	630 kg	800 kg
Roping Factor 2:1	630 kg	1000 kg	1250 kg
Cabin Speed			
lowest	0,63 m/s	0,63 m/s	0,63 m/s
largest	2,00 m/s	2,50 m/s	2,50 m/s
Machine Power			
lowest	1,5 kW	2,0 kW	5,0 kW
largest	8,5 kW	15,0 kW	23,0 kW
Traction Sheave Diameter			
lowest	320 mm	320 mm	320 mm
largest	450 mm	600 mm	600 mm
Rope Diameter			
lowest	8 mm	8 mm	8 mm
largest	11 mm	15 mm	15 mm
No. of Ropes	4 - 8	4 - 8	4 - 8
Permissible Radial Load on Traction Sheave	25.000 N	35.000 N	50.000 N
Dimensions (incl. Brake & Encoder; without TS)			
Machine Length L	550 mm	650 mm	800 mm
Machine Width B	380 mm	380 mm	380 mm
Machine Height H	380 mm	380 mm	380 mm
Flange Holes Length Distance F	277,5 mm	377,5 mm	527,5 mm
Flange Holes Width Distance B	280 mm	280 mm	280 mm

Machine Type : Three-Phase-Synchronous-Motor-Machine
 Running always with frequency inverter
 Degree of protection: IP 54
 without fan less - thermal motor protection: PTC

Brake: Dual Circuit Fail Safe Brake

Encoder: rotary encoder with absolute signals ECN1313