

SIEMENS

Data sheet for SIMOTICS M-1PH1



Figure similar

MLFB-Ordering data 1PH1103-1LF12-2GA0

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Engineering data		Mechanical data	
Rated power	5.5 kW	Motor type	Squirrel cage asynchronous motor
Rated speed	1500 rpm	Shaft height	100
Rated torque	35.0 Nm	Cooling	Forced-air cooling via fan
Rated current	16.9 A	Vibration severity grade	Grade B
Rated voltage	290 V	Degree of protection	IP54
Maximum speed	10000 rpm	Design acc. to Code I	IM B5 / IM V1
Maximum current	33.8 A	Color	Anthracite 614 / ~ RAL7016
Power for duty type S6-25%, maximum	8.25 kW	Shaft end	Feather key with half key balancing
Standstill torque for duty type S6-25%, maximum	52.5 Nm	Sound pressure level (1m)	72 dB
Standstill current for duty type S6-25%, maximum	24.0 A	Thermal class	F
Field weakening speed, max.	5500 rpm	Mounting type	Flange (round)
Supply voltage, max.	355 V	Encoder system	Incremental encoder, TTL 2500 ppr (13 bit)
Line frequency	53.0 Hz		
Ambient conditions			

Ambient temperature	
Operation	-15 ... 40 °C
Storage	-20 ... 65 °C
Relative humidity	
Max. operation	90 %
Bearing, max.	95 %