SIEMENS

Data sheet for SIMOTICS M-1PH1

Figure similar

Article No. : 1PH1105-1LD12-0GA0

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

Item no. :
Consignment no. :
Project :

Engineering data	
Rated power	5.5 kW
Rated speed	1,000 rpm
Rated torque	53.0 Nm
Rated current	18.8 A
Rated voltage	265 V
Maximum speed	6,000 rpm
Maximum current	37.6 A
Power for duty type S6-25%, maximum	8.25 kW
Standstill torque for duty type S6-25%, maximum	79.5 Nm
Standstill current for duty type S6-25%, maximum	27.0 A
Field weakening speed, max.	4,600 rpm
Supply voltage, max.	355 V
Line frequency	36.4 Hz

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

Mechanical data	
Motor type	Squirrel cage asynchronous motor
Shaft height	100
Cooling	Forced-air cooling via fan
Vibration severity grade	Grade B
Degree of protection	IP54
Design acc. to Code I	IM B5 / IM V1
Color	Anthracite 614 / ~ RAL7016
Shaft end	Plain shaft
Sound pressure level (1m)	72 dB
Thermal class	F
Mounting type	Flange (round)
Encoder system	Incremental encoder, TTL 2500 ppr (13 bit)