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Data sheet for SIMOTICS M-1PH1

Article No. : **1PH1103-1LD12-1GA0**



Figure similar

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

Item no. :
Consignment no. :
Project :

Engineering data	
Rated power	3.7 kW
Rated speed	1,000 rpm
Rated torque	35.0 Nm
Rated current	12.9 A
Rated voltage	269 V
Maximum speed	6,000 rpm
Maximum current	25.8 A
Power for duty type S6-25%, maximum	5.55 kW
Standstill torque for duty type S6-25%, maximum	52.5 Nm
Standstill current for duty type S6-25%, maximum	19.0 A
Field weakening speed, max.	4,600 rpm
Supply voltage, max.	355 V
Line frequency	36.9 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	Feather key with full key balancing
Sound pressure level (1m)	72 dB
Thermal class	F
Mounting type	Flange (round)
Encoder system	Incremental encoder, TTL 2500 ppr (13 bit)

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens