SIEMENS

Data sheet for SIMOTICS M-1PH1

MLFB-Ordering data **1PH1105-1LF12-1GA0**



Figure similar

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

Item no. :
Consignment no. :
Project :

Engineering data

Rated power	7.5 kW
Rated speed	1500 rpm
Rated torque	48.0 Nm
Rated current	19.6 A
Rated voltage	327 V
Maximum speed	10000 rpm
Maximum current	39.2 A
Power for duty type S6-25%, maximum	11.25 kW
Standstill torque for duty type S6-25%, maximum	72.0 Nm
Standstill current for duty type S6-25%, maximum	28.0 A
Field weakening speed, max.	4300 rpm
Supply voltage, max.	355 V
Line frequency	52.6 Hz

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)

Ambient conditions

Ambient temperature

Operation	-15 ... 40 °C
Storage	-20 ... 65 °C

Relative humidity

Max. operation	90 %
Bearing, max.	95 %

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.