

SIEMENS

Data sheet for SIMOTICS M-1PH3



Figure similar

MLFB-Ordering data 1PH3136-1DD02-2GA0

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

Item no. :
Consignment no. :
Project :

Engineering data		Mechanical data	
Rated power	15.0 kW	Motor type	Induction motor
Rated speed	1000 rpm	Shaft height	132
Rated torque	143 Nm	Cooling	Fan
Rated current	43 A	Vibration severity grade	S
Rated voltage	278 V	Shaft and flange accuracy	R
Maximum speed	6000 rpm	Radial runout tolerance	0.025 mm
Maximum current	86 A	Concentricity tolerance	0.05 mm
Power for duty type S6-40%, maximum	19.5 kW	Axial runout tolerance	0.05 mm
Standstill current for duty type S6-40%, maximum	56 A	Type of the bearing	Standard
Power for duty type S6-25%, maximum	22.5 kW	Bearing replacement interval (recommended)	20000 h
Standstill current for duty type S6-25%, maximum	64 A	Design acc. to Code I	IM B5 / IM V1
Power for duty type S6-10%, maximum	30.0 kW	Degree of protection	IP54 Dust-tight and splash-proof during motor operation
Standstill current for duty type S6-10%, maximum	86 A		
Field weakening speed, max.	3500 rpm	Color	Anthracite 614
Line frequency	35 Hz	Shaft end	Shaft with key (half-key balancing)
Ambient conditions		Sound pressure level (1m)	73 dB
Ambient temperature		Thermal class	H
Operation	-15 ... 40 °C (without power derating)	Mounting type	Flange mounting
Storage	-20 ... 65 °C	Encoder system	Incremental encoder, 22-bit, with commutation position
Relative humidity			
Max. operation	90 %		
Bearing, max.	95 %		