

MLFB-Ordering data

1PH8226-1DF40-2FA1

Figure similar

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

Engineering data

	P_N [kW]	M_N [Nm]	I_N [A]	U_N [V]	f_N [Hz]	n_N [rpm]	M_{max} [Nm]	I_{max} [A]	n_{max} [rpm]	M_0 [Nm]	I_0 [A]	η	$\cos \phi$	I_μ [A]
ALM 400V	200.0	1091.0	350.0	390	59.0	1750	1850	580.0	4500.0	1091.0	350	0.954	0.89	114.0
BLM/SLM 400V	175.0	1114.0	350.0	340	50.7	1500	1850	580.0	4500.0	1114.0	350	0.950	0.89	117.0
ALM/BLM/SLM 480V	220.0	1051.0	335.0	450	67.3	2000	1850	580.0	4500.0	1051.0	335	0.957	0.88	117.0

Mechanical data

Motor type	Squirrel cage asynchronous motor
Shaft height	225
Cooling	Open circuit cooling NDE-> DE
Vibration severity grade	RIA
Shaft and flange accuracy	R
Degree of protection	IP23
Design acc. to Code I	IM B3 (IM B6, IM B7, IM B8, IM V6)
Temperature monitoring	Pt1000 temperature sensor in the stator winding
Color	Standard (Anthracite RAL 7016)
Type of the bearing	Increased cantilever forces
Shaft extension	Feather key with half key balancing
Encoder system	Incremental encoder 22 bit with commutation position 11 bit, max. encoder speed = 12000 rpm

Connection

Type of electrical connection	Terminal box
Terminal box position	NDE top
Power connection	right
Signal connection	DE
Terminal box designation	1XB7700-P02

Physical constants

Thermal time constant	23 min
Moment of inertia	1.93000 kgm ²
Weight (approx.)	740 kg

No image available for this configuration.

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Cooling data and sound pressure level

Airflow, min.	0.33 m ³ /s
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Sound pressure level LpA(1m) motor + external fan operation 50 HZ rated load, tolerance + 3dB 73 dB *

Air discharge	axial
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Pressure drop	600 Pa
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* at a rated frequency of 2 kHz and a speed range of up to 2000 rpm