



Figure similar

MLFB-Ordering data

1PH8228-1AF10-1BA2

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]	$\eta$	$\cos \phi$	$I_{\mu}$ [A]
<b>ALM 400V</b>	<b>179.0</b>	<b>977.0</b>	<b>330.0</b>	<b>395</b>	<b>58.7</b>	<b>1750</b>	<b>2450</b>	<b>750.0</b>	<b>4500.0</b>	<b>977.0</b>	<b>330</b>	<b>0.961</b>	<b>0.82</b>	<b>170.0</b>
BLM/SLM 400V	160.0	1019.0	340.0	340	50.4	1500	2450	750.0	4500.0	1019.0	340	0.959	0.83	170.0
ALM/BLM/SLM 480V	196.0	936.0	325.0	450	67.1	2000	2450	750.0	4500.0	36.0	325	0.962	0.81	169.0

### Mechanical data

Motor type	Squirrel cage asynchronous motor
Shaft height	225
Cooling	Forced ventilation NDE -> DE
Vibration severity grade	R/A
Shaft and flange accuracy	R
Degree of protection	IP55
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	Standard
Shaft extension	Feather key with full key balancing
Encoder system	without encoder

### 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	55 min
Moment of inertia	2.33000 kgm <sup>2</sup>
Weight (approx.)	870 kg

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## Cooling data and sound pressure level

Airflow, min.	0.31 m <sup>3</sup> /s
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Sound pressure level LpA(1m) motor +  
external fan operation 50 HZ rated 73 dB \*  
load, tolerance + 3dB

Air discharge	axial
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Pressure drop	650 Pa
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\* at a rated frequency of 2 kHz and a speed range of up to 3500 rpm