



Figure similar

MLFB-Ordering data

1PH8288-1AF10-1BU2

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

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 φ	I _μ [A]
Δ	ALM 400V	340.0	1856.0	580.0	400	58.7	1750	5500	1640.0	3300.0	1856.0	1640	0.967	0.88	233.0
	BLM/SLM 400V	320.0	2037.0	620.0	345	50.4	1500	5500	1640.0	3300.0	2037.0	1640	0.966	0.89	233.0
	ALM/BLM/SLM 480V	385.0	1838.0	570.0	455	67.0	2000	5500	1640.0	3300.0	1838.0	1640	0.967	0.88	232.0

Mechanical data

Motor type	Squirrel cage asynchronous motor
Shaft height	280
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 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

Connection

Type of electrical connection	Terminal box
Terminal box position	NDE right
Power connection	below
Signal connection	DE
Terminal box designation	1XB7712-P03

Encoder system without encoder

Physical constants

Thermal time constant	53 min
Moment of inertia	6.30000 kgm²
Weight (approx.)	1650 kg

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Cooling data and sound pressure level

Airflow, min.	0.42 m³/s
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Sound pressure level LpA(1m) motor +
external fan operation 50 HZ rated 74 dB *
load, tolerance + 3dB

Air discharge	radial
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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 3300 rpm