

CONFIGURATION OVERVIEW / MP879091/L1.R1

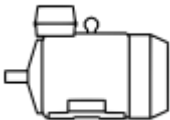
Product code 3GAA101540-ADK
M3AA 100LD 2,
4 kW, 2 poles

GENERAL

MEPS	EU-MEPS	Altitude	1000 m.a.s.l.
MEPS scope	Inside	Ambient min / max	-20 °C / 40 °C
Motor design	COMPACT	Ex atmosphere	No
Legal marking	CE	Customs tariff number	85015220

MAIN CHARACTERISTICS

Motor type	M3AA 100LD 2
Product code	3GAA101540-ADK
ID code	
Shaft height	100 mm
Power	4 kW
Rated voltage U_N	400 V $\pm$ 5 % (IEC 60034-1)
Rated frequency f_N	50 Hz $\pm$ 2 % (IEC 60034-1)
Number of poles	2
Frame material	Aluminum
Insulation class	F
Temperature class	-
Mounting	IM1001 IMB3



Enclosure protection class	IP55
Cooling	IC411
Weight	40 kg
Heater Power	NA

OPERATING POINTS

Power [kW]	Voltage [V]	Connec- tion	Frequency [Hz]	Effic. Class	Efficiency [%]	Nominal Cur- rent [A]	Is/In	Duty	Speed [rpm]	T Rise
4	460	D	60	IE3	88.5	6.2	10.9	S1	3523	B
4	690	Y	50	IE3	88.1	4.1	8.6	S1	2910	B
4	400	D	50	IE3	88.1	7.1	8.6	S1	2910	B
4	660	Y	50	IE3	88.1	4.2	12.6	S1	2901	B
4	380	D	50	IE3	88.1	7.4	9.7	S1	2900	B
4	415	D	50	IE3	88.1	6.9	9.2	S1	2915	B

VARIANT CODES

No variant codes selected.

MECHANICAL

Direction of rotation	-
Vibration	A
Paint colour	MUNSELL 8B 4.5/3.25
Paint system	C3 - Medium
Bearing, Drive end	Ball Bearing – -
Bearing, Non-drive end	Ball Bearing – -
Lubrication style	Greased for life
Main terminal box position	D-End top
Main terminal box turnable	Not turnable
Main terminal cable entry	2x(M25xM20)
Fan material	Glass-fiber reinforced polypropylene
Fan cover material	Plastic
Sound pressure level	62 LpdBA

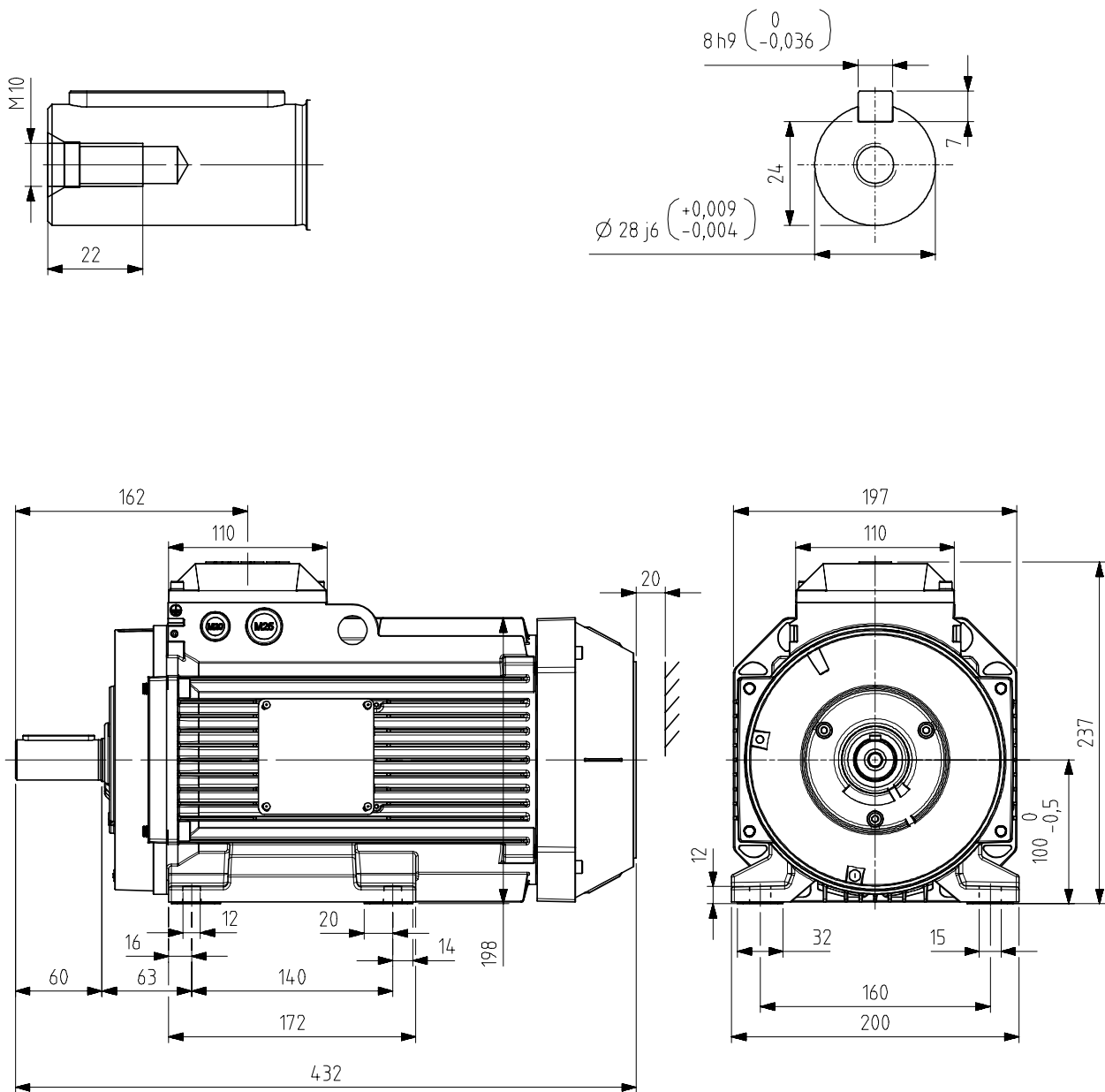
ACCESSORIES

No accessories selected.

MONITORING

Winding PTC, PTC 1 per phase 150 degr. C
 Vibration sensing, No SPM nipples





Additional information:

Dimension Print

Motor Type:
M3AA (K) 100 L_2-8; B3, B6, B7, B8, V5, V6

Document No:
3GZW500610-16 C

Description:

STANDARD ALUMINIUM SQUIRREL CAGE MOTOR

Unit: IEC LV Motors
Date: 2025-04-28

Issued by: T. Latvala
Approved by: A. Härmänmaa

Replaces:
Replaced by:



Customer Reference:

