



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMM 100L AA4 - 1.8 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMM 100L AA
Poles	4
kW	1.8
HP	2.5
rpm	1380
η 100%	70
cos Phi	0.96
I_N 230V	12
I_N 220-240V	12.4
I_A/I_N	3.6
M_A/M_N	0.3
M_K/M_N	1.5
$J \cdot 10^{-3} \text{ kgm}^2$	5.83
kg	22.8

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6206/2Z
Lubrication grease	low & high temperature grease
Regreasing device horizontal	permanent lubrication
Regreasing device vertical	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	50

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	50
Starting Capacitor Microf	-
Duty type	S1
Thermal protection	na
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-20°C / +40 °C
Altitude	1000 m.a.s.l.