



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 71Z AA4 - 0.25 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 71Z AA
Poles	4
kW	0.25
HP	0.33
rpm	1270
η 100%	52.1
cos Phi	0.89
I_N 230V	2.5
I_N 220-240V	2.7
I_A/I_N	2.4
M_A/M_N	3.0
M_K/M_N	1.5
$J \cdot 10^{-3} \text{ kgm}^2$	0.82
kg	7.2

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6203/2Z
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)	42

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	10
Starting Capacitor Microf	30 - 36
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.