



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMM 63Z AA2 - 0.18 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMM 63Z AA
Poles	2
kW	0.18
HP	0.25
rpm	2710
η 100%	58.5
cos Phi	0.98
I_N 230V	1.2
I_N 220-240V	1.3
I_A/I_N	3.0
M_A/M_N	1.2
M_K/M_N	1.8
$J \cdot 10^{-3} \text{ kgm}^2$	0.14
kg	5.0

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6202/2Z
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)	49

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	6.3
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.