



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 90L AA6 - 0.55 kW - 6 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 90L AA
Poles	6
kW	0.55
HP	0.75
rpm	950
η 100%	72
cos Phi	0.95
I_N 230V	3.4
I_N 220-240V	3.5
I_A/I_N	3.8
M_A/M_N	2.5
M_K/M_N	1.2
$J \cdot 10^{-3} \text{ kgm}^2$	5.2
kg	16.5

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6205/2Z
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)	46

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	31.5
Starting Capacitor Microf	88 - 106
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.