



AC Three-phase Motors - IE4/IE3/IE2/IE1

HIGH EFFICIENCY MOTORS - IE2/CURUS

- Total reliability and longevity in a well-engineered package
- Extensive customization options ensure motors match application needs



TECHNICAL DATA

Motor Type

AMHE 132S YA2 - 5.5 kW - 2 poles - 400V - 50Hz / 460V - 60Hz

PERFORMANCE DATA

Type	AMHE 132S YA
Poles	2
kW	5.5
HP	7.5
rpm	2900
Mn Nm	18.1
η 50%	86.0
η 75%	88.0
η 100%	87.9
cos Phi	0.89
I_N	10.2
I_A/I_N	8.6
M_A/M_N	2.7

M_S/M_N	2.3
M_K/M_N	3.2
$J \cdot 10^{-3} \text{ kgm}^2$	14.0
kg	46.0

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6208/2Z
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)	72

Electrical Data

Voltage	400V - 50Hz / 460V - 60Hz
Connection	?/Y 230/400V - ?/Y 400/690V
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.