LAFERTGROUP
Member of Sumitomo Drive Technologies

Pacchetti Motore Sincrono PM e Azionamento - IES2

MOTORE PM CON AZIONAMENTO INTEGRATO NDE - IES2

- Massima integrazione per ventilatori assiali
- Montaggio PAD per ottimizzare il flusso d'aria
- Efficienza Super Premium Efficiency IE5

HPAxial IES2

TECHNICAL DATA

Motor Type	HPAX 112 3000 82 4 kW - 3000 rpm | Drive three-phase - 200-240V

PERFORMANCE DATA

Package Type	HPAX 112 3000 82
Rated Speed rpm	3000
Rated Power kW	4
Rated Power HP	5.5
Rated Torque Nm	12.7
Peak Torque Nm	19.1
Rated Current Arms	8.5
Voltage Constant Vs	0.9
Torque Constant Nm/A	1.56
Motor Efficiency IE code	IE5
Motor Efficiency η %	90.7
Drive Efficiency IE code	IE2
HPI Efficiency IE code	IES2

HPI Efficiency η %	89.1

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE	6208 2Z
Bearings NDE	6306 2Z
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)

Electrical Data

Supply Voltage	400V - 50Hz
Duty type	S1
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-15°C / +40 °C
Altitude	1000 m.a.s.l.

Drive Data

Supply Voltage	three-phase
Drive Voltage	200-240V
Safety Function	-
Drive Torque	variable
Fieldbus	CANopen; Modbus RTU
Inputs	2 Digital; 2 Analog
Outputs	2 Digital; 2 Analog
Degree of Protection	IP 55