LAFERTGROUP
Member of Sumitomo Drive Technologies



Pacchetti Motore Sincrono PM e Azionamento - IES2

MOTORE PM CON AZIONAMENTO INTEGRATO - IES2

- Massima integrazione per performance sempre migliori
- Motore IE5 + VFD IE2
- L’affidabilità di un motore AC e le prestazioni di un Brushless

HP Integral
Smart Flow Plus
solutions to meet your needs
IES2

TECHNICAL DATA

Motor Type	HPI 112 1500 85_Flow 4 kW - 1500 rpm | Drive three-phase - 380-480V

PERFORMANCE DATA

Package Type	HPI 112 1500 85_Flow
Rated Speed rpm	1500
Rated Power kW	4
Rated Power HP	5.5
Rated Torque Nm	25.5
Peak Torque Nm	38.3
Rated Current Arms	8.5
Peak Current Arms	12.7
Rated input current 380Vac Arms	8.7
Rated input current 480Vac Arms	6.9
Torque Constant Nm/A	3.0
HPI Weight kg	28.5
Motor Efficiency IE code	IE5

Drive Type	Flow
Drive Efficiency IE code	IE2
HPI Efficiency IE code	IES2
HPI Efficiency ? %	90.8

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	1001 m.a.s.l.

Drive Data

Drive Type	Flow
Supply Voltage	three-phase
Drive Voltage	380-480V
Safety Function	STO/PLC
Drive Torque	variable
Fieldbus	BACnet MS/TP; Modbus RTU
Inputs	3 Digital (+3 optional); 2 Analog / Digital selectable
Outputs	2 Analog / Digital; 2 Relays (+3 optional)

Degree of Protection	IP 66