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 3000 159_Flow 7.5 kW - 3000 rpm | Drive three-phase - 200-240V

PERFORMANCE DATA

Package Type	HPI 112 3000 159_Flow
Rated Speed rpm	3000
Rated Power kW	7.5
Rated Power HP	10
Rated Torque Nm	23.9
Peak Torque Nm	35.9
Rated Current Arms	15.9
Peak Current Arms	23.9
Rated input current 380Vac Arms	15.9
Rated input current 480Vac Arms	12.5
Torque Constant Nm/A	1.5
HPI Weight kg	31.5
Motor Efficiency IE code	IE5

Drive Type	Flow
Drive Efficiency IE code	IE2
HPI Efficiency IE code	IES2
HPI Efficiency ? %	92.4

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	200-240V
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