



## 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 90 1800 46\_Flow 2.2 kW - 1800 rpm | Drive three-phase - 500-600V

## PERFORMANCE DATA

Package Type	HPI 90 1800 46_Flow
Rated Speed rpm	1800
Rated Power kW	2.2
Rated Power HP	3
Rated Torque Nm	11.7
Peak Torque Nm	17.5
Rated Current Arms	4.6
Peak Current Arms	7.0
Rated input current 380Vac Arms	4.9
Rated input current 480Vac Arms	3.9
Torque Constant Nm/A	2.5
HPI Weight kg	15.5
Motor Efficiency IE code	IE5

<b>Drive Type</b>	Flow
<b>Drive Efficiency IE code</b>	IE2
<b>HPI Efficiency IE code</b>	IES2
<b>HPI Efficiency ? %</b>	89.6

## Mechanical Data

<b>Design</b>	ALUMINIUM
<b>Degree of protection</b>	IP 55
<b>Bearings DE</b>	6206 2Z
<b>Bearings NDE</b>	6304 2Z
<b>Lubrication grease</b>	low & high temperature grease
<b>Regreasing device</b>	permanent lubrication
<b>Cooling</b>	IC 411
<b>Vibration Level</b>	A (normal)

## Electrical Data

<b>Supply Voltage</b>	400V - 50Hz
<b>Duty type</b>	S1
<b>Insulation class</b>	F
<b>Direction of rotation</b>	bidirectional
<b>Ambient temperature</b>	-15°C / +40 °C
<b>Altitude</b>	1001 m.a.s.l.

## Drive Data

<b>Drive Type</b>	Flow
<b>Supply Voltage</b>	three-phase
<b>Drive Voltage</b>	500-600V
<b>Safety Function</b>	STO/PLC
<b>Drive Torque</b>	variable
<b>Fieldbus</b>	BACnet MS/TP; Modbus RTU
<b>Inputs</b>	3 Digital (+3 optional); 2 Analog / Digital selectable
<b>Outputs</b>	2 Analog / Digital; 2 Relays (+3 optional)

