



## 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 4500 159\_Plus 7.5 kW - 4500 rpm | Drive three-phase - 380-480V

## PERFORMANCE DATA

Package Type	HPI 90 4500 159_Plus
Rated Speed rpm	4500
Rated Power kW	7.5
Rated Power HP	10
Rated Torque Nm	15.9
Peak Torque Nm	17.5
Rated Current Arms	15.9
Peak Current Arms	23.9
Rated input current 380Vac Arms	15.9
Rated input current 480Vac Arms	12.6
Torque Constant Nm/A	1.0
HPI Weight kg	20.5
Motor Efficiency IE code	IE5

<b>Drive Type</b>	Smart
<b>Drive Efficiency IE code</b>	IE2
<b>HPI Efficiency IE code</b>	IES2
<b>HPI Efficiency ? %</b>	90.8

## 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>	Plus
<b>Supply Voltage</b>	three-phase
<b>Drive Voltage</b>	380-480V
<b>Safety Function</b>	STO/PLC
<b>Drive Torque</b>	constant/variable
<b>Fieldbus</b>	CANopen; Modbus RTU
<b>Inputs</b>	3 Digital (+3 optional); 2 Analog / Digital selectable
<b>Outputs</b>	2 Analog / Digital; 2 Relays (+3 optional)

