



## 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 3600 232\_Smart 11 kW - 3600 rpm | Drive three-phase - 380-480V

## PERFORMANCE DATA

Package Type	HPI 112 3600 232_Smart
Rated Speed rpm	3600
Rated Power kW	11
Rated Power HP	15
Rated Torque Nm	29.2
Peak Torque Nm	43.8
Rated Current Arms	23.2
Peak Current Arms	34.9
Rated input current 380Vac Arms	23.2
Rated input current 480Vac Arms	18.4
Torque Constant Nm/A	1.26
HPI Weight kg	35.5
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>	94.0

## Mechanical Data

<b>Design</b>	ALUMINIUM
<b>Degree of protection</b>	IP 55
<b>Bearings DE</b>	6208 2Z
<b>Bearings NDE</b>	6306 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>	Smart
<b>Supply Voltage</b>	three-phase
<b>Drive Voltage</b>	380-480V
<b>Safety Function</b>	-
<b>Drive Torque</b>	constant/variable
<b>Fieldbus</b>	CANopen; Modbus RTU
<b>Inputs</b>	2 Digital; 2 Analog / Digital selectable
<b>Outputs</b>	1 Analog/Digital; 1 Relay

