



**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 71 4500 32 1.5 kW - 4500 rpm | Drive three-phase - 200-230V

## PERFORMANCE DATA

|  |                |
|--|----------------|
| <b>Package Type</b>                    | HPI 71 4500 32 |
| <b>Rated Speed rpm</b>                 | 4500           |
| <b>Rated Power kW</b>                  | 1.5            |
| <b>Rated Power HP</b>                  | 2              |
| <b>Rated Torque Nm</b>                 | 3.2            |
| <b>Peak Torque Nm</b>                  | 3.5            |
| <b>Rated Current Arms</b>              | 3.2            |
| <b>Peak Current Arms</b>               | 4.80           |
| <b>Rated input current 380Vac Arms</b> | 3.3            |
| <b>Rated input current 480Vac Arms</b> | 2.6            |
| <b>Torque Constant Nm/A</b>            | 1.0            |
| <b>HPI Weight kg</b>                   | 7.9            |
| <b>Motor Efficiency IE code</b>        | IE5            |

|                                 |          |
|---------------------------------|----------|
| <b>Drive Type</b>               | Integral |
| <b>Drive Efficiency IE code</b> | IE2      |
| <b>HPI Efficiency IE code</b>   | IES2     |
| <b>HPI Efficiency ? %</b>       | 87.3     |

## Mechanical Data

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Design</b>               | ALUMINIUM                     |
| <b>Degree of protection</b> | IP 55                         |
| <b>Bearings DE</b>          | 6205 2Z                       |
| <b>Bearings NDE</b>         | 6303 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>      | Integral                      |
| <b>Supply Voltage</b>  | three-phase                   |
| <b>Drive Voltage</b>   | 200-230V                      |
| <b>Safety Function</b> | -                             |
| <b>Drive Torque</b>    | variable                      |
| <b>Fieldbus</b>        | Modbus RTU                    |
| <b>Inputs</b>          | 2 Analog; 2 Digital           |
| <b>Outputs</b>         | 2 Analog; 2 Digital; 2 Relays |

