



**Motori Sincroni PM - IE6/IE5**

**MOTORI ULTRA PREMIUM EFFICIENCY - IE5**

- Rendimento IE5 Ultra Premium Efficiency
- L'affidabilità di un motore AC con le prestazioni di un Brushless
- Gamma completa e sempre disponibile a stock

IE5 

**TECHNICAL DATA**

**Motor Type**

IE5 HPS 71 4500 32 1.5 kW - 4500 rpm - 400V - 50Hz

**PERFORMANCE DATA**

Type	IE5 HPS 71 4500 32
Rated Speed rpm	4500
Rated Power kW	1.5
Rated Power HP	2
Rated Torque Nm	3.2
Peak torque Nm	9.6
Voltage constant Vs	0.58
Torque constant Nm/A	1
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	3.2
Efficiency IE code	IE5
Efficiency $\eta$ %	87.4
Weight Kg	5.4

## 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>	1000 m.a.s.l.