



**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 160 3000 634 30 kW - 3000 rpm - 400V - 50Hz

**PERFORMANCE DATA**

Type	IE5 HPS 160 3000 634
Rated Speed rpm	3000
Rated Power kW	30
Rated Power HP	40
Rated Torque Nm	95.4
Peak torque Nm	239
Voltage constant Vs	0.87
Torque constant Nm/A	1.51
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	63.4
Efficiency IE code	IE5
Efficiency $\eta$ %	94.9
Weight Kg	90

## Mechanical Data

<b>Design</b>	ALUMINIUM
<b>Degree of protection</b>	IP 55
<b>Bearings DE</b>	6310 2Z
<b>Bearings NDE</b>	6310 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.