



### Motori Sincroni PM - IE6/IE5

### MOTORI HYPER EFFICIENCY - IE6

- Rendimento IE6 Hyper Efficiency
- La rivoluzione nell'efficienza industriale
- Potenza, compattezza ed efficienza

IE6 

## TECHNICAL DATA

Motor Type

IE6 HPS 71 3000 47 2.2 kW - 3000 rpm - 400V - 50Hz

## PERFORMANCE DATA

Type	IE6 HPS 71 3000 47
Rated Speed rpm	3000
Rated Power kW	2.2
Rated Power HP	3
Rated Torque Nm	7.0
Peak torque Nm	21.0
Voltage constant Vs	0.87
Torque constant Nm/A	1.5
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	4.7
Efficiency IE code	IE6
Efficiency $\eta$ %	90.9
Weight Kg	7.2

## 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)
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## 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.
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