



#### 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 56 3600 5 0.25 kW - 3600 rpm - 400V - 50Hz

## PERFORMANCE DATA

| Type                       | IE6 HPS 56 3600 5 |
|----------------------------|-------------------|
| Rated Speed rpm            | 3600              |
| Rated Power kW             | 0.25              |
| Rated Power HP             | 0.33              |
| Rated Torque Nm            | 0.7               |
| Peak torque Nm             | 2.0               |
| Voltage constant Vs        | 0.73              |
| Torque constant Nm/A       | 1.26              |
| B.E.M.F. @ rated speed Vrs | 272               |
| Rated current Arms         | 0.5               |
| Efficiency IE code         | IE6               |
| Efficiency $\eta$ %        | 79.7              |
| Weight Kg                  | 3.0               |

# Mechanical Data

|                      |                               |
|----------------------|-------------------------------|
| Design               | ALUMINIUM                     |
| Degree of protection | IP 55                         |
| Bearings DE          | 6202 2Z                       |
| Bearings NDE         | 6201 2Z                       |
| Lubrication grease   | low & high temperature grease |
| Regreasing device    | permanent lubrication         |
| Cooling              | IC 411                        |
| Vibration Level      | A (normal)                    |
| Design               | ALUMINIUM                     |
| Degree of protection | IP 55                         |
| Bearings DE          | 6202 2Z                       |
| Bearings NDE         | 6201 2Z                       |
| Lubrication grease   | low & high temperature grease |
| Regreasing device    | permanent lubrication         |
| Cooling              | IC 411                        |
| Vibration Level      | A (normal)                    |

# Electrical Data

|                       |                |
|-----------------------|----------------|
| Supply Voltage        | 400V - 50Hz    |
| Duty type             | S1             |
| Insulation class      | F              |
| Direction of rotation | bidirectional  |
| Ambient temperature   | -15°C / +40 °C |
| Altitude              | 1000 m.a.s.l.  |
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| Insulation class      | F              |
| Direction of rotation | bidirectional  |
| Ambient temperature   | -15°C / +40 °C |
| Altitude              | 1000 m.a.s.l.  |