



Synchronous PM Motors - IE6/IE5

HYPER EFFICIENCY MOTORS - IE6

- IE6 Hyper Efficiency
- The revolution in industrial efficiency
- Power, compactness and efficiency

IE6 

TECHNICAL DATA

Motor Type

IE6 HPS 132 1500 233 11 kW - 1500 rpm - 400V - 50Hz

PERFORMANCE DATA

| | |
|---------------------------------------|----------------------|
| Type | IE6 HPS 132 1500 233 |
| Rated Speed rpm | 1500 |
| Rated Power kW | 11 |
| Rated Power HP | 15 |
| Rated Torque Nm | 70.0 |
| Peak torque Nm | 210.1 |
| Voltage constant Vs | 1.73 |
| Torque constant Nm/A | 3 |
| B.E.M.F. @ rated speed Vrs | 272 |
| Rated current Arms | 23.3 |
| Efficiency IE code | IE6 |
| Efficiency η % | 95.0 |
| Weight Kg | 56 |

Mechanical Data

| | |
|-----------------------------|-------------------------------|
| Design | ALUMINIUM |
| Degree of protection | IP 55 |
| Bearings DE | 6309 2Z |
| Bearings NDE | 6208 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 | 6309 2Z |
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| 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 |
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