LAFERTGROUP
Member of Sumitomo Drive Technologies



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 112 1800 116 5.5 kW - 1800 rpm - 400V - 50Hz

PERFORMANCE DATA

Type	IE6 HPS 112 1800 116
Rated Speed rpm	1800
Rated Power kW	5.5
Rated Power HP	7.5
Rated Torque Nm	29.2
Peak torque Nm	87.5
Voltage constant Vs	1.45
Torque constant Nm/A	2.5
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	11.6
Efficiency IE code	IE6
Efficiency η %	93.9
Weight Kg	30

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE	6208 2Z
Bearings NDE	6306 2Z
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)
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Degree of protection	IP 55
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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
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