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 71 1800 16 0.75 kW - 1800 rpm - 400V - 50Hz

PERFORMANCE DATA

Type	IE6 HPS 71 1800 16
Rated Speed rpm	1800
Rated Power kW	0.75
Rated Power HP	1
Rated Torque Nm	4.0
Peak torque Nm	11.9
Voltage constant Vs	1.45
Torque constant Nm/A	2.5
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	1.6
Efficiency IE code	IE6
Efficiency η %	89.0
Weight Kg	6.2

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE	6205 2Z
Bearings NDE	6303 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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