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 56 4500 12 0.55 kW - 4500 rpm - 400V - 50Hz

PERFORMANCE DATA

Type	IE6 HPS 56 4500 12
Rated Speed rpm	4500
Rated Power kW	0.55
Rated Power HP	0.75
Rated Torque Nm	1.2
Peak torque Nm	3.5
Voltage constant Vs	0.58
Torque constant Nm/A	1
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	1.2
Efficiency IE code	IE6
Efficiency η %	85.7
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.