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 90 4500 159 7.5 kW - 4500 rpm - 400V - 50Hz

PERFORMANCE DATA

Type	IE6 HPS 90 4500 159
Rated Speed rpm	4500
Rated Power kW	7.5
Rated Power HP	10
Rated Torque Nm	15.9
Peak torque Nm	47.8
Voltage constant Vs	0.58
Torque constant Nm/A	1
B.E.M.F. @ rated speed Vrs	272
Rated current Arms	15.9
Efficiency IE code	IE6
Efficiency η %	93.8
Weight Kg	19

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE	6206 2Z
Bearings NDE	6304 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	6206 2Z
Bearings NDE	6304 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.
Duty type	S1
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-15°C / +40 °C
Altitude	1000 m.a.s.l.