



Motori Asincroni Trifase - IE4/IE3/IE2/IE1

MOTORI PREMIUM EFFICIENCY - IE3/CURUS

- Motori IE3 Premium Efficiency già dal 2010
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



TECHNICAL DATA

Motor Type AMPH 160L CA4 - 18.5 kW - 4 poles - 460V - 60Hz

PERFORMANCE DATA

Type	AMPH 160L CA
Poles	4
kW	18.5
HP	25
rpm	1770
Mn Nm	99.8
η 50%	92.0
η 75%	93.4
η 100%	93.6
cos Phi	0.78
I_N	32.5
I_A/I_N	8.0
M_A/M_N	2.5
M_S/M_N	2.2

M_K/M_N	3.3
J 10⁻³ kgm²	120.7
kg	110

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6309/2Z
Lubrication grease	low & high temperature grease
Regreasing device horizontal	permanent lubrication
Regreasing device vertical	permanent lubrication
Grease Quantity	-
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	62

Electrical Data

Voltage	460V - 60Hz
Connection	YY/Y 230/460V - ? 460V
Duty type	S1
Thermal protection	na
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-20°C / +40 °C
Altitude	1000 m.a.s.l.