
MOTOR

PRODUCT SERIES	BE - AC IE2 Three Phase Motor
FRAME SIZE	112M - Motor Size 112M
POLE NUMBER	4 - 4 Poles
VOLTAGE-FREQUENCY	230/400-50 - 230 [V] Δ - 400 [V] Y 50 [Hz]
DEGREE OF PROTECTION	IP55 - Standard and Brake Motors
INSULATION CLASS	CLF - Standard Insulation Class
MOUNTING	B14 - B14 Motor Mounting Flange

TECHNICAL DATA

Measurement Internat. System	IMPERIAL
Frequency [Hz]	50
n Motor Speed [min-1]	1440
Mn Motor Nominal Torque [Nm]	27
Tn Motor Nom. Torque [lb-in]	235
η_{100} Efficiency 100% [%]	87.00%
η_{75} Efficiency 75% [%]	87.00%
η_{50} Efficiency 50% [%]	86.00%
In 230V Nomin.Curren.@ 230V[A]	N/A
Cosφ	0,80
Pn Motor Nominal Power [kW]	4
Pn Motor Nominal Power [Hp]	5.5
Pn-60 Motor Nominal Power [kW]	4
Pn-60 Motor Nominal Power [Hp]	5.4
In Nominal Current [A]	14,4/8,3
KVA code	-
Motor Weight [lb]	70.5
Mn Motor Nom. Torque 60Hz [Nm]	22
Tn Mot. Nom.Torq. 60Hz [lb-in]	193