
MOTOR

PRODUCT SERIES	BX - AC IE3 Three Phase Motor
FRAME SIZE	80B - Motor Size 80B
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	METRIC
Frequency [Hz]	50
n Motor Speed [min-1]	1425
Mn Motor Nominal Torque [Nm]	5
Tn Motor Nom. Torque [lb-in]	44.5
η_{100} Efficiency 100% [%]	82.50%
η_{75} Efficiency 75% [%]	83.90%
η_{50} Efficiency 50% [%]	83.20%
In 230V Nomin.Curren.@ 230V[A]	N/A
Cos φ	0.81
Pn Motor Nominal Power [kW]	0.75
Pn Motor Nominal Power [Hp]	1
Pn-60 Motor Nominal Power [kW]	0.75
Pn-60 Motor Nominal Power [Hp]	1
In Nominal Current [A]	2.79/1.61
KVA code	J
Motor Weight [kg]	16.0
Mn Motor Nom. Torque 60Hz [Nm]	4.1
Tn Mot. Nom.Torq. 60Hz [lb-in]	36.4