

AC induction motor performance data

Record #85821 - Typical performance - not guaranteed values

Winding	06WGA0011
Type	0622M
Enclosure	PART

Nameplate data

Rated Output				2
Volts				230/460
Full Load Amps				6.2/3.1
R.P.M.				1760
Hz	60	Phase		3
KVA Code				K
S.F.				1.15
NEMA Nom. Eff.	0	Power Factor		0
Duty				15 MIN
S.F. Amps				

460 V, 60 Hz:

High Voltage Connection

Full Load Torque	6.01 LB-FT
Start Configuration	direct on line
Breakdown Torque	23.92 LB-FT
Pull-up Torque	12.46 LB-FT
Locked-rotor Torque	14.72 LB-FT
Starting Current	22.52 A
No-load Current	1.85
Line-line Res. @ 25°C	6.74 Ω
Temp. Rise @ Rated Load	30°C
Temp. Rise @ S.F. Load	46°C
Locked-rotor Power Factor	50.7
Rotor inertia	0.205 lb-ft²

Load Characteristics 460 V, 60 Hz, 2 HP

% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	7	36	55	66	74	78	81	76
Efficiency	0	67.1	78.7	83.1	86.5	84.7	81.3	85.4
Speed	1796	1788	1778	1769	1758	1747	1732	1751
Line amperes	1.85	1.99	2.23	2.63	3.08	3.62	4.34	3.4

SPEED TORQUE / SPEED CURRENT CURVES

BALDOR • RELIANCE

06WGA0011

2HP 460V 60HZ



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