

AC induction motor performance data

Record #85827 - Typical performance - not guaranteed values

Winding	06WGA0012
Type	0622M
Enclosure	PART

Nameplate data

Rated Output				2
Volts				200/400
Full Load Amps				7/3.5
R.P.M.				1755
Hz	60	Phase		3
KVA Code				K
S.F.				1.15
NEMA Nom. Eff.	89.5	Power Factor		79
Duty				15 MIN
S.F. Amps				

400 V, 60 Hz:
High Voltage Connection

Full Load Torque	6.01 LB-FT
Start Configuration	direct on line
Breakdown Torque	22.82 LB-FT
Pull-up Torque	11.93 LB-FT
Locked-rotor Torque	14.09 LB-FT
Starting Current	25.3 A
No-load Current	2.11
Line-line Res. @ 25°C	5.87 Ω
Temp. Rise @ Rated Load	80°C
Temp. Rise @ S.F. Load	82°C
Locked-rotor Power Factor	53.5
Rotor inertia	0.205 lb-ft²

Load Characteristics 400 V, 60 Hz, 2 HP

% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	7	37	55	66	74	79	82	77
Efficiency	0	71.7	83.7	88.1	89.5	91.3	85.8	90.6
Speed	1796	1787	1778	1768	1757	1745	1730	1750
Line amperes	2.11	2.27	2.56	3.02	3.5	4.18	5.04	3.91