

AC induction motor performance data
Record #96080 - Typical performance - not guaranteed values

Winding	A36WG1194
Type	A3662M
Enclosure	TEFC

Nameplate data

Rated Output	40		
Volts	230 / 460		
Full Load Amps	98.8 / 49.4		
R.P.M.	1190		
Hz	60	Phase	3
KVA Code	G		
Service Factor (S.F.)	1		
NEMA Nom. Eff.	94.1	Power Factor	80
Duty	CONT		
S.F. Amps			

480 V, 60 Hz:
High Voltage Connection

Full Load Torque	176 LB-FT
Start Configuration	direct on line
Breakdown Torque	561 LB-FT
Pull-up Torque	260 LB-FT
Locked-rotor Torque	330 LB-FT
Starting Current	341 A
No-load Current	22.48
Line-line Res. @ 25°C	0.158 Ω
Temp. Rise @ Rated Load	40°C
Temp. Rise @ S.F. Load	0°C
Locked-rotor Power Factor	25.4
Rotor inertia	20.1 lb-ft²

Load Characteristics 480 V, 60 Hz, 40 HP

% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	5	41	62	72	78	81	82	0
Efficiency	0	87.5	92.2	93.7	94.1	93.5	92.9	0
Speed	1199	1197	1194	1192	1189	1186	1182	0
Line amperes	22.48	25.4	31.91	39.96	49.22	59.38	70.56	0

REVIEW

WINDING # A36WG1194

40 HP 3 PH 60 HZ 1190 RPM 480 V A3662M

TORQUES (LB-FT): PO=561.00 PU=260.00 LR=330.00 LRA=341.00

