

AC induction motor performance data

Record #85304 - Typical performance - not guaranteed values

Winding	06WGA0006
Type	0636M
Enclosure	TENV

Nameplate data

Rated Output				3
Volts				230/460
Full Load Amps				9.4/4.7
R.P.M.				1160
Hz	60	Phase		3
KVA Code				H
S.F.				1.15
NEMA Nom. Eff.	87.5	Power Factor		69
Duty				15 MIN
S.F. Amps				

460 V, 60 Hz:

High Voltage Connection

Full Load Torque	13.64 LB-FT
Start Configuration	direct on line
Breakdown Torque	38.33 LB-FT
Pull-up Torque	21.74 LB-FT
Locked-rotor Torque	27.7 LB-FT
Starting Current	26.19 A
No-load Current	2.57
Line-line Res. @ 25°C	4.53 Ω
Temp. Rise @ Rated Load	9°C
Temp. Rise @ S.F. Load	10°C
Locked-rotor Power Factor	30.7
Rotor inertia	0.338 lb-ft²

Load Characteristics 460 V, 60 Hz, 3 HP

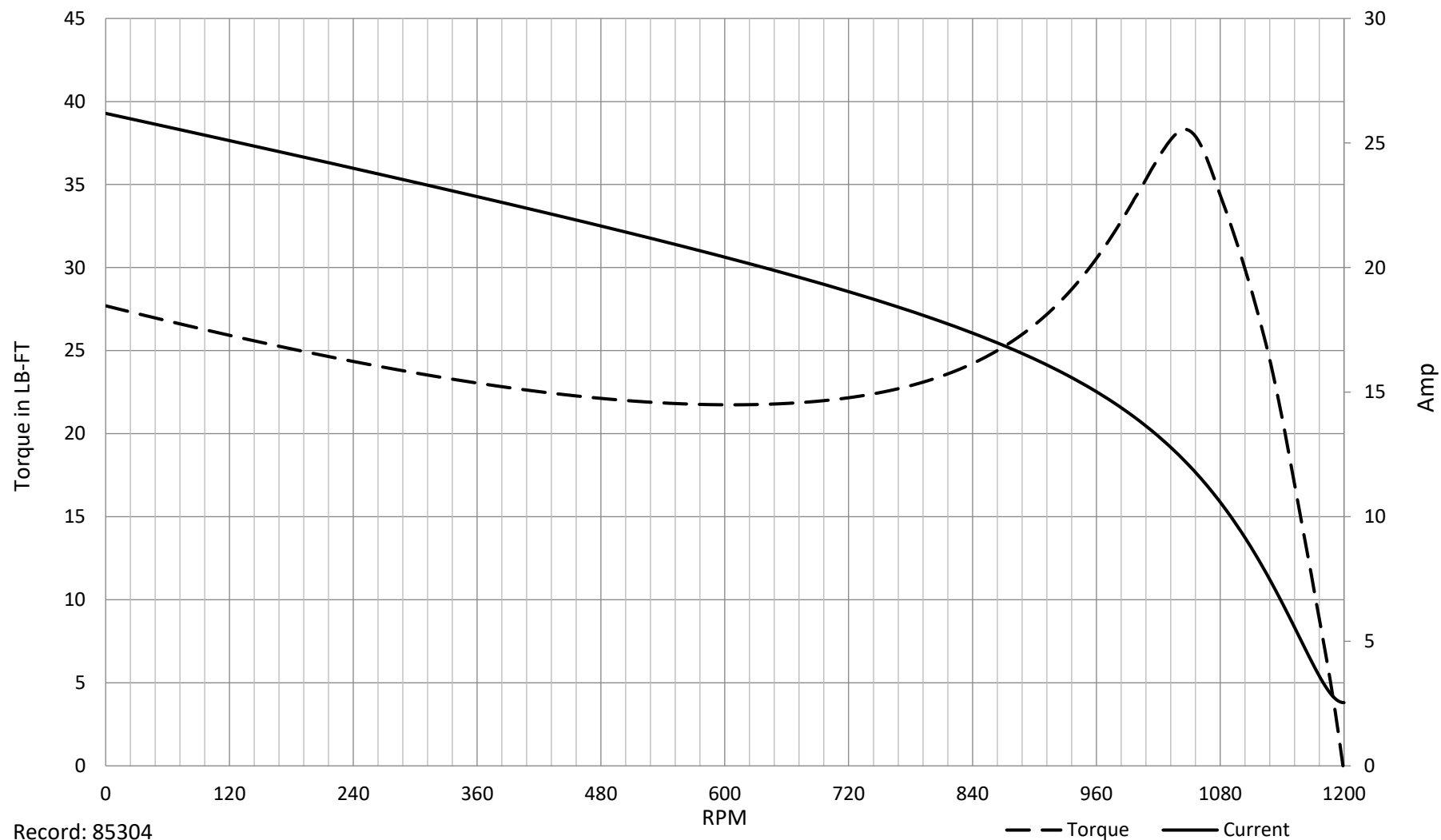
% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	6	32	51	62	69	72	74	71
Efficiency	0	82.7	87.5	88.3	87.5	85.9	83.5	86.5
Speed	1199	1191	1182	1172	1162	1149	1132	1154
Line amperes	2.57	2.76	3.21	3.88	4.69	5.69	6.86	5.29

SPEED TORQUE / SPEED CURRENT CURVES



06WGA0006

3HP 460V 60HZ



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