

**AC induction motor performance data**

Record #85864 - Typical performance - not guaranteed values

Winding	06WGA0013
Type	0620M
Enclosure	PART

## Nameplate data

Rated Output			1
Volts			230/460
Full Load Amps			3.6/1.8
R.P.M.			1770
Hz	60	Phase	3
KVA Code			M
S.F.			1.15
NEMA Nom. Eff.	85.5	Power Factor	69
Duty			15 MIN
S.F. Amps			

460 V, 60 Hz:

## High Voltage Connection

Full Load Torque	2.97 LB-FT
Start Configuration	direct on line
Breakdown Torque	14.05 LB-FT
Pull-up Torque	7.2 LB-FT
Locked-rotor Torque	8.5 LB-FT
Starting Current	13.41 A
No-load Current	1.05
Line-line Res. @ 25°C	13.7 Ω
Temp. Rise @ Rated Load	80°C
Temp. Rise @ S.F. Load	93°C
Locked-rotor Power Factor	49.7
Rotor inertia	0.186 lb-ft <sup>2</sup>

## Load Characteristics 460 V, 60 Hz, 1 HP

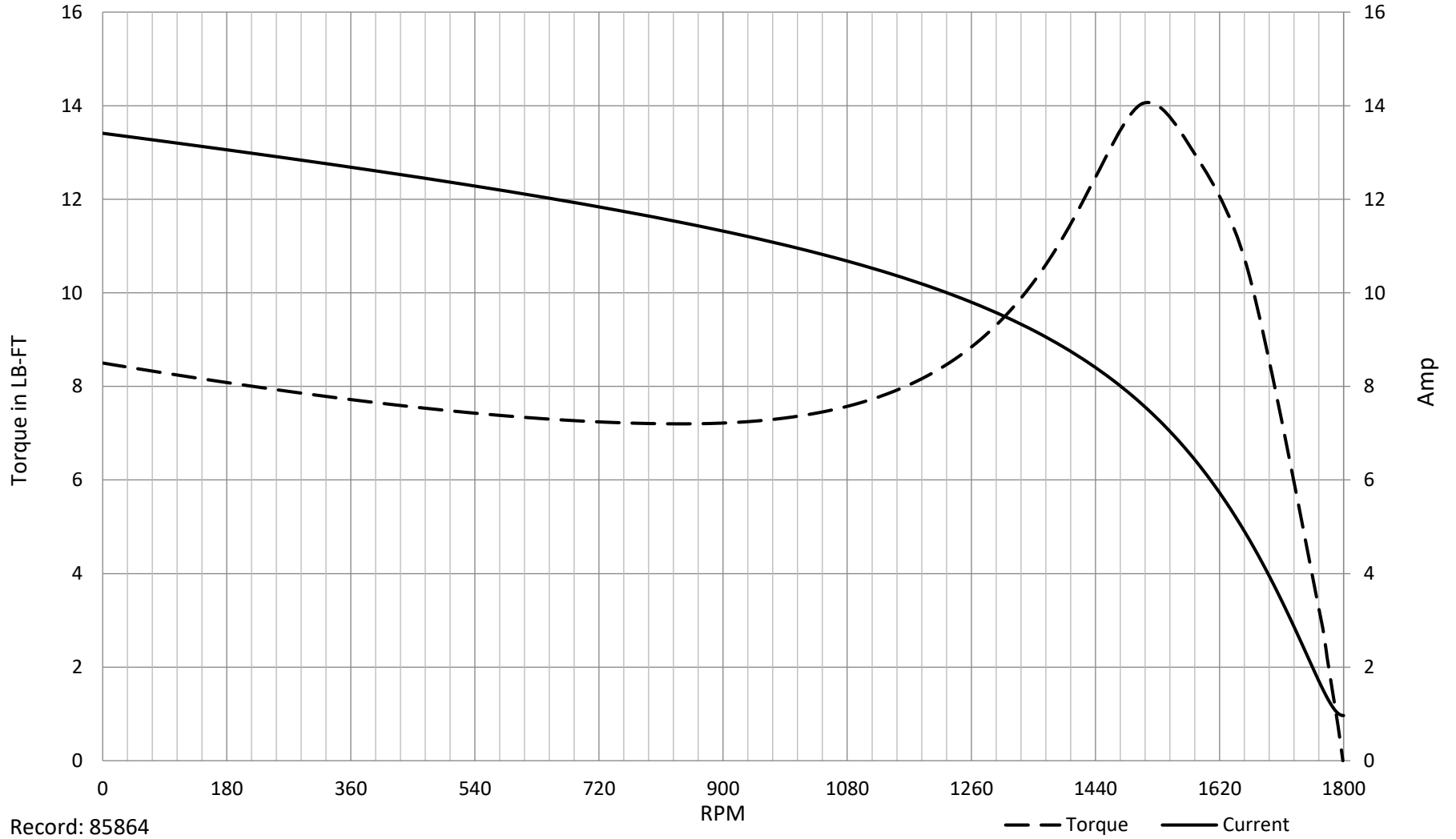
% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	8	31	48	60	69	75	79	73
Efficiency	0	68.5	80.6	84.7	85.7	85.5	82	85.6
Speed	1799	1792	1784	1776	1768	1759	1746	1763
Line amperes	1.05	1.12	1.22	1.38	1.58	1.82	2.16	1.72

SPEED TORQUE / SPEED CURRENT CURVES



06WGA0013

1HP 460V 60HZ



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--- Torque    — Current