

AC induction motor performance data

Record #93692 - Typical performance - not guaranteed values

Winding	06WGA0033
Type	0624M
Enclosure	TENV

Nameplate data

Rated Output			1
Volts			230/460
Full Load Amps			4/2
R.P.M.			1150
Hz	60	Phase	3
KVA Code			N
S.F.			1.15
NEMA Nom. Eff.	82.5	Power Factor	55
Duty			15 MIN
S.F. Amps			

460 V, 60 Hz:

High Voltage Connection

Full Load Torque	4.48 LB-FT
Start Configuration	direct on line
Breakdown Torque	21.4 LB-FT
Pull-up Torque	11.6 LB-FT
Locked-rotor Torque	14.6 LB-FT
Starting Current	14.8 A
No-load Current	1.58
Line-line Res. @ 25°C	9.32 Ω
Temp. Rise @ Rated Load	21°C
Temp. Rise @ S.F. Load	23°C
Locked-rotor Power Factor	33.7
Rotor inertia	0.225 lb-ft ²

Load Characteristics 460 V, 60 Hz, 1 HP

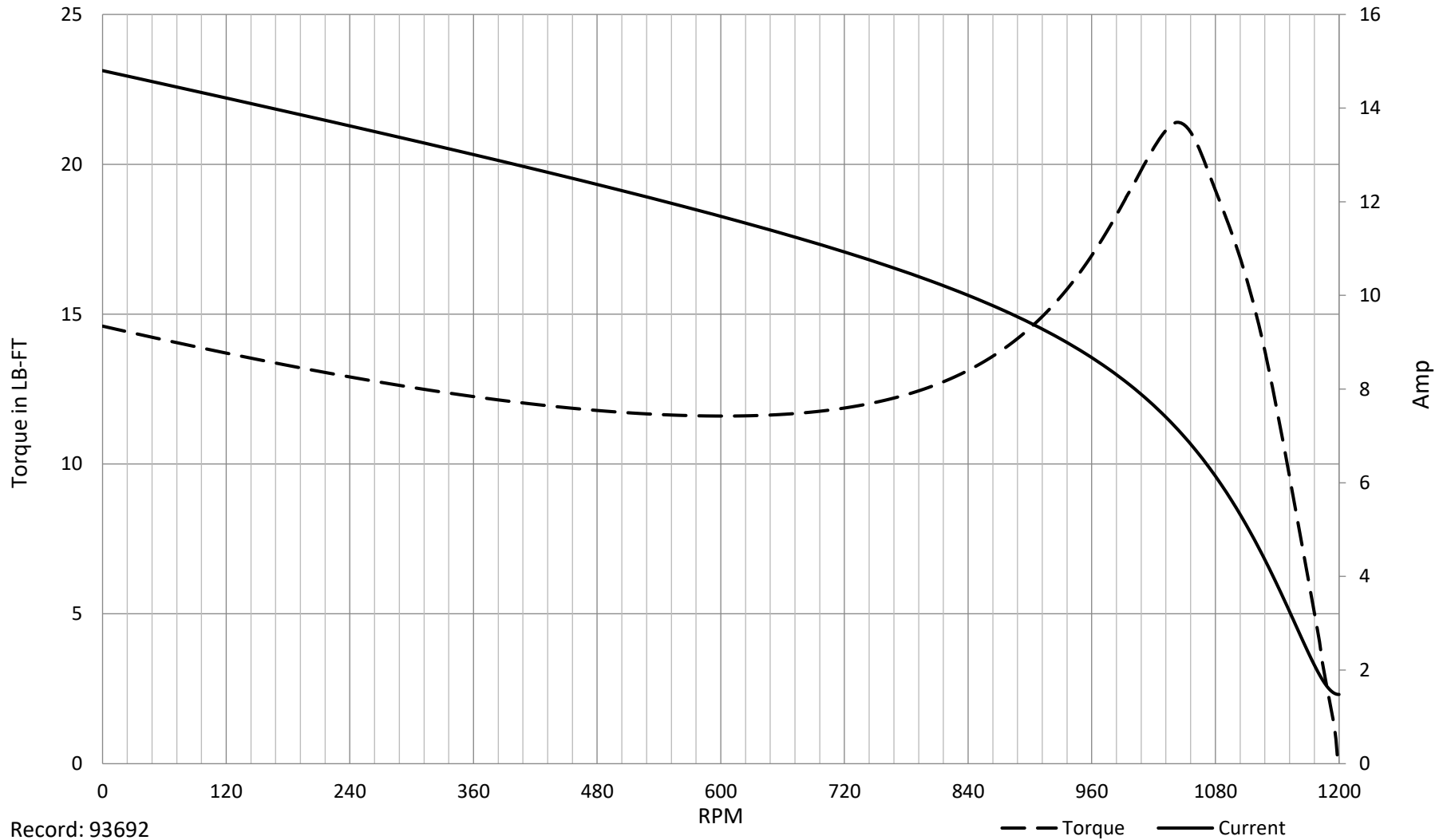
% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	7	22	35	46	55	61	67	59
Efficiency	0	67.6	79.3	83.1	85.1	85.5	85.1	85.3
Speed	1199	1196	1190	1184	1179	1172	1165	1175
Line amperes	1.58	1.61	1.71	1.86	2.02	2.24	2.49	2.15

SPEED TORQUE / SPEED CURRENT CURVES



06WGA0033

1HP 460V 60HZ



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--- Torque — Current