

AC induction motor performance data

Record #85911 - Typical performance - not guaranteed values

Winding	09WGA0208
Type	0944M
Enclosure	TENV

Nameplate data

Rated Output			25
Volts			230/460
Full Load Amps			62/31
R.P.M.			1760
Hz	60	Phase	3
KVA Code			G
S.F.			1.15
NEMA Nom. Eff.	91.7	Power Factor	86
Duty			15 MIN
S.F. Amps			

460 V, 60 Hz:

High Voltage Connection

Full Load Torque	74.8 LB-FT
Start Configuration	direct on line
Breakdown Torque	217 LB-FT
Pull-up Torque	113 LB-FT
Locked-rotor Torque	140 LB-FT
Starting Current	177 A
No-load Current	10.28
Line-line Res. @ 25°C	0.407 Ω
Temp. Rise @ Rated Load	40°C
Temp. Rise @ S.F. Load	49°C
Locked-rotor Power Factor	41.8
Rotor inertia	1.92 lb-ft ²

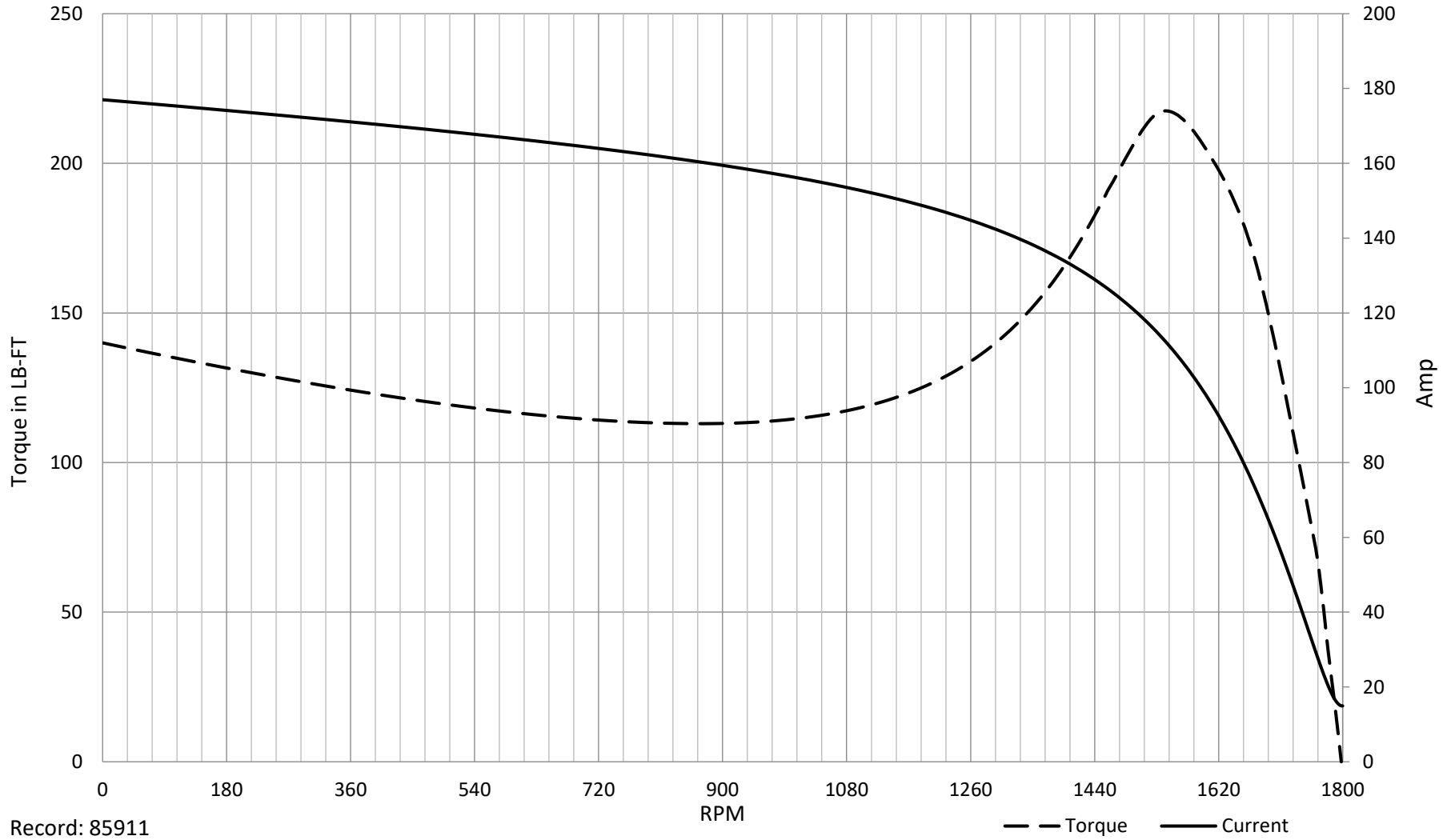
Load Characteristics 460 V, 60 Hz, 25 HP

% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	18	61	79	85	86	87	87	87
Efficiency	0	79	87.7	90.6	91.7	91.5	90.5	91.6
Speed	1798	1789	1779	1770	1758	1746	1730	1751
Line amperes	10.28	12.68	17.54	23.66	30.66	38.18	46.39	35.2

SPEED TORQUE / SPEED CURRENT CURVES



09WGA0208
25HP 460V 60HZ



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