

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	73.82 LB-FT
Start Configuration	direct on line
Breakdown Torque	236 LB-FT
Pull-up Torque	115 LB-FT
Locked-rotor Torque	127 LB-FT
Starting Current	192 A
No-load Current	16.13
Line-line Res. @ 25°C	0.407 Ω
Temp. Rise @ Rated Load	41°C
Temp. Rise @ S.F. Load	51°C
Locked-rotor Power Factor	34.4
Rotor inertia	1.92 LB-FT2

Load Characteristics 460 V, 60 Hz, 25 HP

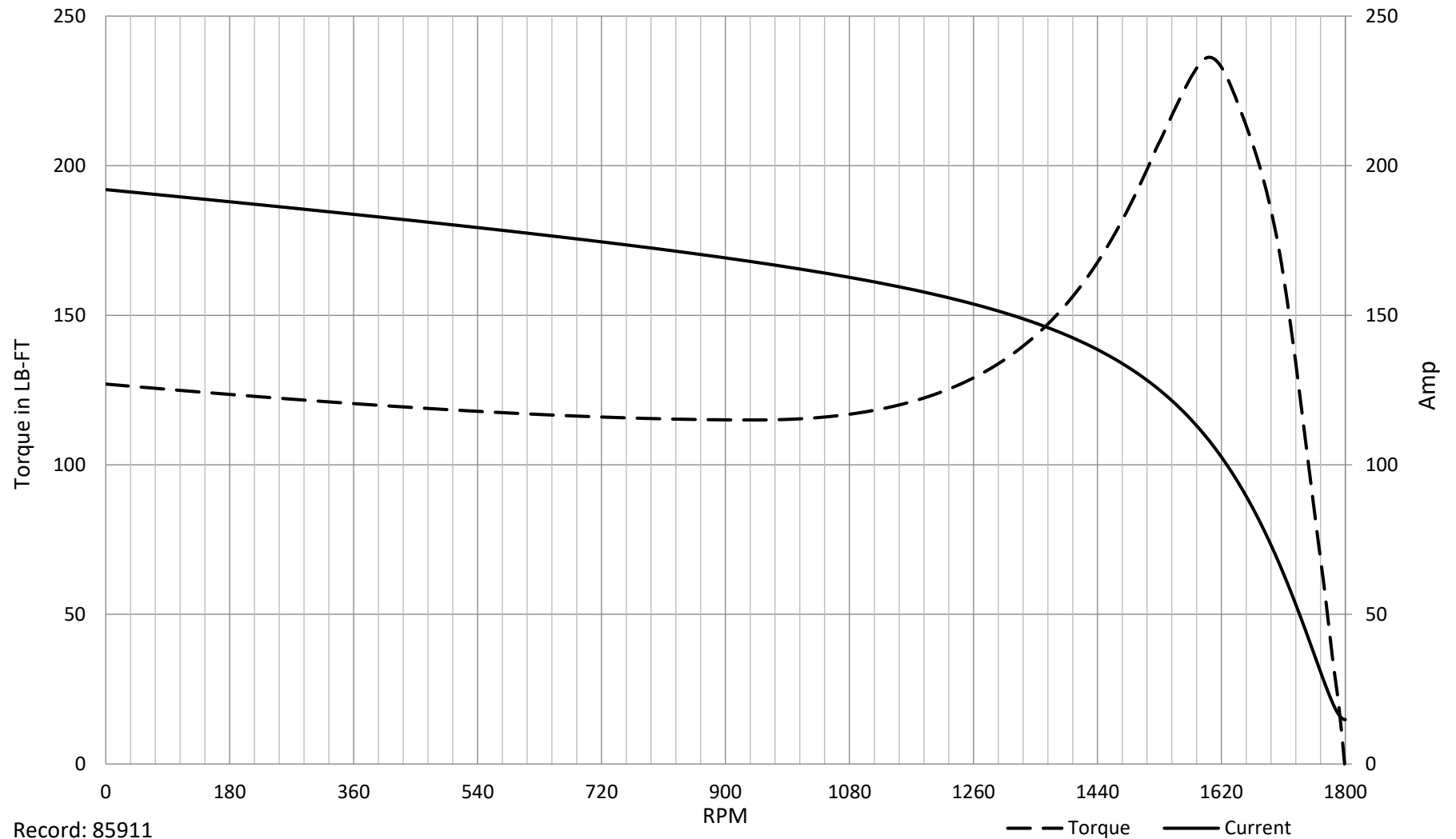
% of Rated Load	NL	25	50	75	100	125	150	SF
Power Factor	4	38	60	73	79	82	83	87
Efficiency	0	90	92.8	93.1	92.6	91.6	90.3	91.6
Speed	1799	1791	1781	1771	1761	1750	1737	1751
Line amperes	16.13	17.49	20.77	26.17	31.75	38.96	46.88	35.2

SPEED TORQUE / SPEED CURRENT CURVES

BALDOR • RELIANCE

09WGA0208

25HP 460V 60HZ



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