



AC Induction Motor Performance Data

Record # 38931

Typical performance - not guaranteed values

Winding: 09WGZ875	Type: 0932M	Enclosure: XPFC
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Nameplate Data				General Characteristics at 460 V, 60 Hz: High Volt Connection	
Rated Output (HP)	10			Full Load Torque	29.8 LB-FT
Volts	230/460			Start Configuration	DOL
Full Load Amps	24/12			Break Down Torque	116 LB-FT
R.P.M.	1760			Pull-Up Torque	47.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	54.7 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	85.4 Amps
Service Factor	1			No-load Current	5 Amps
NEMA Nom. Eff.	91.7	P.F.	82	Line-line Res. @ 25°C.	0.937 Ohms
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	41°C
S.F. Amps				Temp. Rise @ S.F. Load	

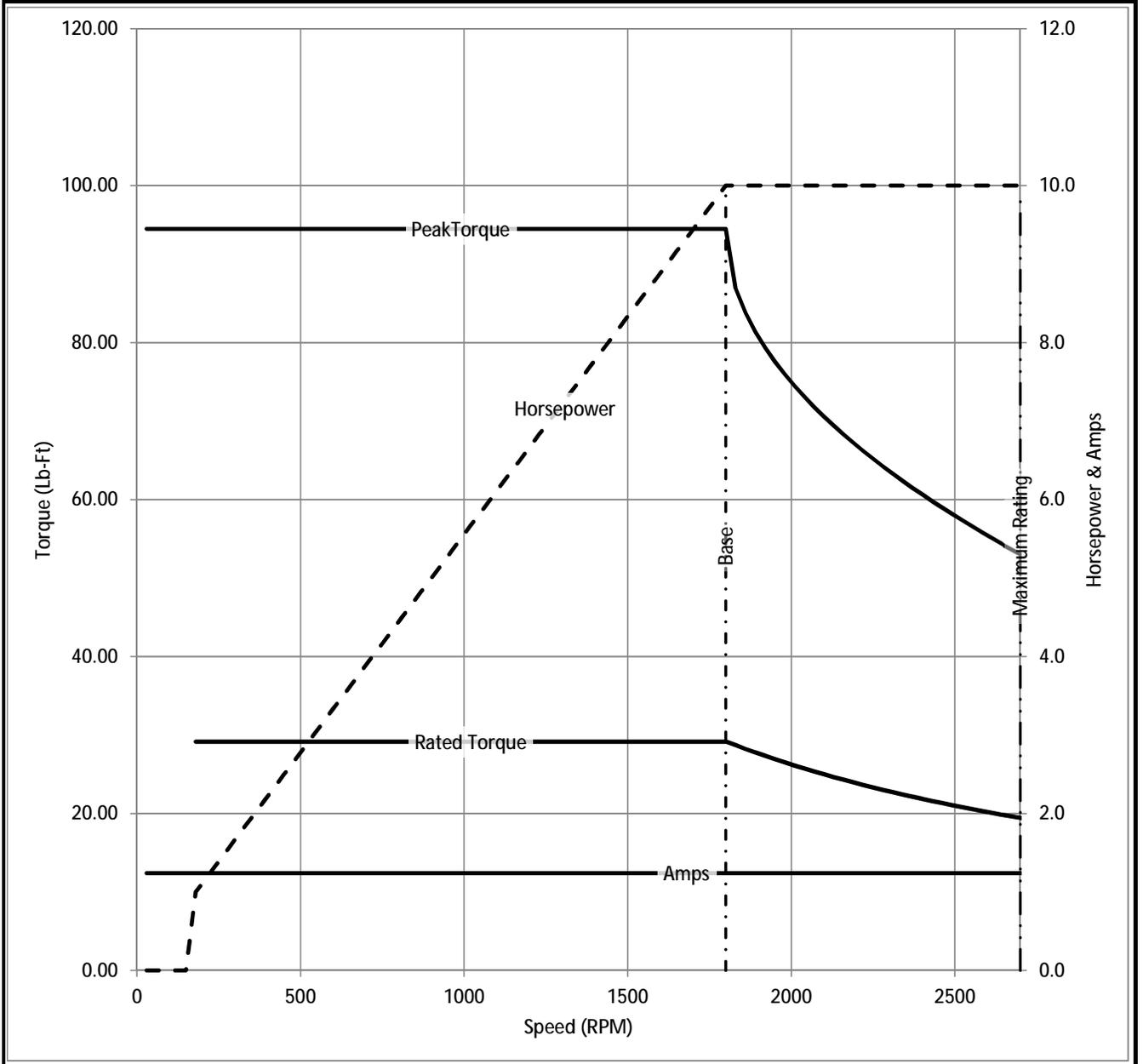
Load Characteristics at 460 Volts, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	48	71	80	85	86	86	
Efficiency	86.2	91	92.2	92.2	91.4	90.4	
Speed	1791	1782	1774	1764	1754	1743	
Line Amperes	5.78	7.36	9.55	12	14.8	17.8	

Baldor Electric Company Fort Smith, Arkansas

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Catalog	IDXM7570T	NP VOLTS	230/460	ENCLOSURE	XPFC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	254TC	NP AMPS	24.8/12.4	Base Volts	460	R1	0.459	X1	1.686
HP	10 HP	DUTY	Cont	Base AMPS	12.4	R2	0.329	X2	1.795
BASE SPEED	1800	MAX SAFE RPM	2700	Slip Hz	0.97			XM	46.754
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/F	WK ² (lb-ft ²)	1.4				



Remarks: Calculated Data

