

**AC Induction Motor Performance Data**

Record # 39733

Typical performance - not guaranteed values

Winding: 06WGX388	Type: 0632M	Enclosure: TENV
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Nameplate Data				General Characteristics at 460 V, 60 Hz: High Volt Connection	
Rated Output (HP)	3			Full Load Torque	8.94 LB-FT
Volts	230/460			Start Configuration	DOL
Full Load Amps	8.4/4.2			Break Down Torque	32.8 LB-FT
R.P.M.	1755			Pull-Up Torque	19.4 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	21.8 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	31.5 Amps
Service Factor	1			No-load Current	2.32 Amps
NEMA Nom. Eff.	88.5	P.F.	76	Line-line Res. @ 25°C.	4.2584 Ohms
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	74°C
S.F. Amps				Temp. Rise @ S.F. Load	

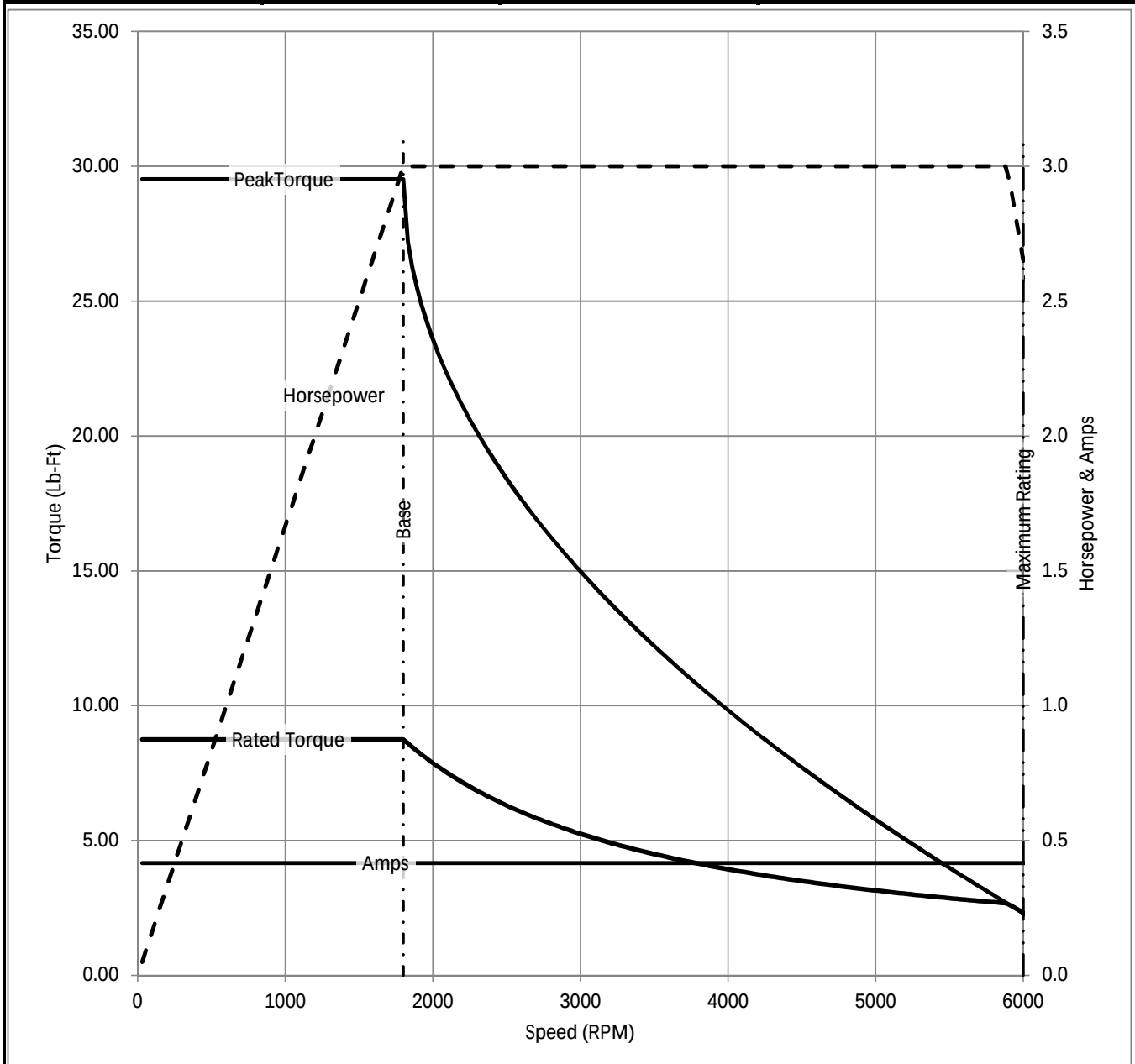
Load Characteristics at 460 Volts, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	55	68	76	80	84	
Efficiency	81.5	87.7	89	88.8	88	86.8	
Speed	1789.5	1779.4	1768.6	1756.8	1744.3	1730.6	
Line Amperes	2.49	2.89	3.47	4.16	4.92	5.79	

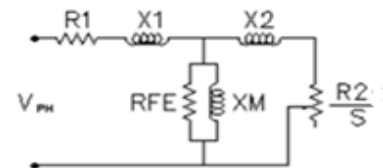
Baldor Electric Company Fort Smith, Arkansas

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Catalog	ZDNM3661T	NP VOLTS	230/460	ENCLOSURE	TENV	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	184TC	NP AMPS	8.4/4.2	Base Volts	460	R1	2.110	X1	5.101
HP	3 HP	DUTY	Cont	Base AMPS	4.16	R2	1.290	X2	4.266
BASE SPEED	1800	MAX SAFE RPM	6000	Slip Hz	1.43			XM	108.947
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/H	WK ² (lb-ft ²)	0.298				



Remarks: Calculated Data



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A-C MOTOR
PERFORMANCE CURVES

06F550X388Z1

ISSUE DATE 2/27/2013