



AC Induction Motor Performance Data

Record # 36484

Typical performance - not guaranteed values

Winding: 06WGX319	Type: 0632M	Enclosure: TEBC
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Nameplate Data				General Characteristics at 575 V, 60 Hz: Single Volt Motor	
Rated Output (HP)	3			Full Load Torque	9.05 LB-FT
Volts	575			Start Configuration	DOL
Full Load Amps	3.3			Break Down Torque	33 LB-FT
R.P.M.	1755			Pull-Up Torque	18.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	20.3 LB-FT
NEMA Design Code	B	KVA Code	J	Starting Current	23.8 Amps
Service Factor	1			No-load Current	1.7 Amps
NEMA Nom. Eff.	89.5	P.F.	77	Line-line Res. @ 25°C.	6.22 Ohms
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	35°C
S.F. Amps				Temp. Rise @ S.F. Load	

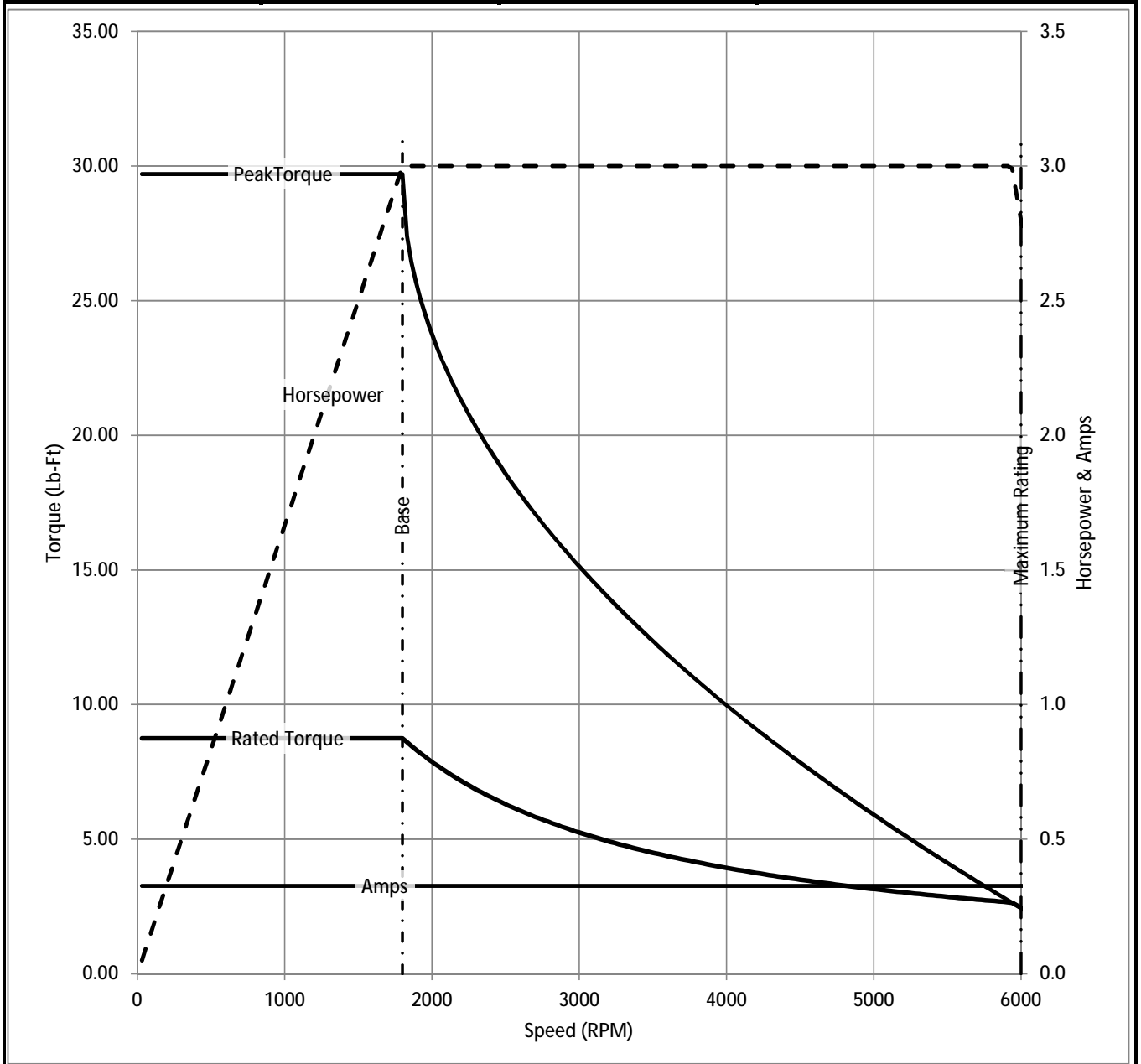
Load Characteristics at 575 Volts, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	38	59	71	77	81	83	
Efficiency	83.1	88.4	89.8	89.6	89.1	87.7	
Speed	1790	1779	1769	1757	1744	1730	
Line Amperes	1.86	2.22	2.71	3.27	3.92	4.69	

Baldor Electric Company Fort Smith, Arkansas

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Catalog	IDM3661T-5	NP VOLTS	575	ENCLOSURE	TEBC	WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C)			
FRAME	184TC	NP AMPS	3.3	Base Volts	575	R1	3.040	X1	8.588
HP	3 HP	DUTY	Cont	Base AMPS	3.27	R2	2.150	X2	7.189
BASE SPEED	1800	MAX SAFE RPM	6000	Slip Hz	1.43			XM	187.435
PHASE/HZ	3/60	AMB ⁰ C/INSUL	40/H	WK ² (lb-ft ²)	0.298				



Remarks: Calculated Data

