

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	Yes
Type:	AC	Prod. Type:	0740M	Elec. Spec:	07WGX416	CD Diagram:	CD0005
Enclosure:	XPNV	Mfg Plant:		Mech. Spec:	07L719	Layout:	07LYL719
Frame:	184TC	Mounting:	F1	Poles:	04	Created Date:	11-23-2011
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	09-12-2014
Leads:	9#14 SEE NOTES Y					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1798L							
CAT.NO.	30010-0364						
SPEC.	07L719X416G1						
HP	5						
VOLTS	208-230/460						
AMP	14-13.6/6.8						
RPM	1770						
FRAME	184TC	HZ	60	PH	3		
SER.F.	1.15	CODE	L	DES	B	CLASS	F
NEMA-NOM-EFF	91	PF	76				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	14				
DE	6307	ODE	6206				
ENCL	XPNV	SN					
	NEMA 6P IMMERSIBLE						

Nameplate NP1763XPSL			
NO.			
SPEC.	07L719X416G1		
XPNPCL1	I	XPNPGR1	C & D
XPNPCL2	II	XPNPGR2	F & G
XPNPCL3	I	XPNPZN3	I
XPNPTMP	T3C	XPNPGR3	IIB & IIA
BLANK	30010-0364		
BLANK	75C RISE		

AC Induction Motor Performance Data

Record # 37860 - Typical performance - not guaranteed values

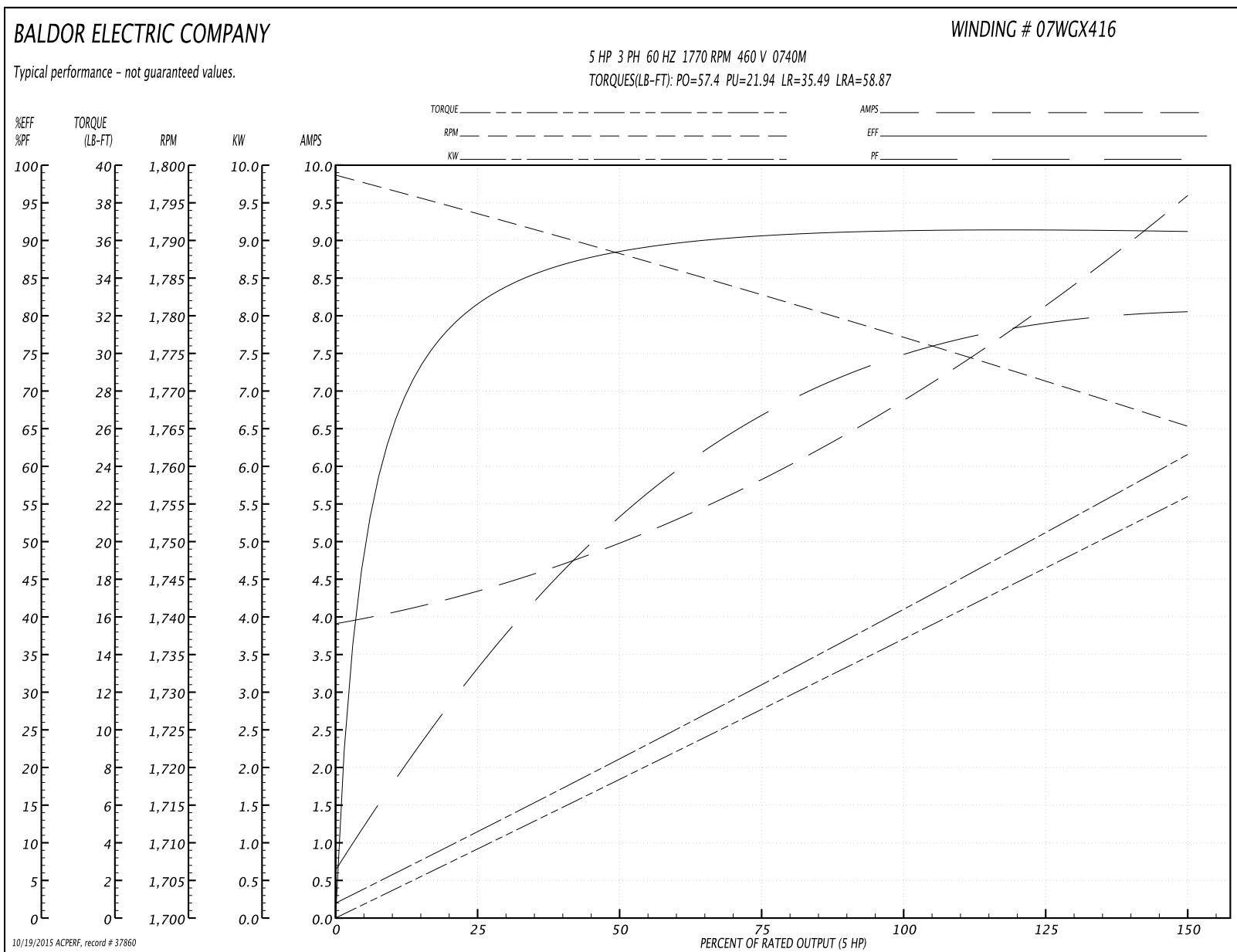
Winding: 07WGX416-R001	Type: 0740M	Enclosure: XPNV
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	5			Full Load Torque	14.8 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	14-13.6/6.8			Breakdown Torque	57.4 LB-FT
R.P.M.	1770			Pull-up Torque	21.94 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	35.49 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	58.87 A
Service Factor (S.F.)	1.15			No-load Current	3.97 A
NEMA Nom. Eff.	91	Power Factor	76	Line-line Res. @ 25°C	1.2901 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	62°C
S.F. Amps				Temp. Rise @ S.F. Load	71°C
				Rotor inertia	0.988 LB-FT ²

Load Characteristics 460 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	54	67	74	78	81	76
Efficiency	81.8	88.8	90.9	91.5	91.5	91.1	91.5
Speed	1793	1788	1783	1777	1772	1765	1774
Line amperes	4.29	4.94	5.83	6.91	8.18	9.53	7.67

Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values



AC Induction Motor Performance Data

Record # 44629 - Typical performance - not guaranteed values

Winding: 07WGX416-R001	Type: 0740M	Enclosure: XPNV
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Nameplate Data				208 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	5			Full Load Torque	14.9 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	14-13.6/6.8			Breakdown Torque	46.5 LB-FT
R.P.M.	1770			Pull-up Torque	15.4 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	28.1 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	99.3 A
Service Factor (S.F.)	1.15			No-load Current	6.69 A
NEMA Nom. Eff.	91	Power Factor	76	Line-line Res. @ 25°C	0.305 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	64°C
S.F. Amps				Temp. Rise @ S.F. Load	77°C
				Rotor inertia	0.988 LB-FT ²

Load Characteristics 208 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	43	64	75	80	82	83	81
Efficiency	81.4	88.2	90.8	90.8	89.8	89.1	90.2
Speed	1792	1785	1778	1771	1765	1755	1767
Line amperes	7.33	9.15	11.4	14.4	17.5	20.9	16.3

Performance Graph at 208V, 60Hz, 5.0HP Typical performance - Not guaranteed values

