

BALDOR® • RELIANCE

Product Information Packet

CFM3156A

1HP,1140RPM,3PH,60HZ,56YZ,3522M,OPEN,F1

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3522M	Elec. Spec:	35WGN681	CD Diagram:	CD0007
Enclosure:	OPAO	Mfg Plant:		Mech. Spec:	35K306	Layout:	35LYK306
Frame:	56YZ	Mounting:	F1	Poles:	06	Created Date:	01-18-2013
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	12-07-2016
Leads:	12#18 SEE NOTES Y					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L

CAT.NO.	CFM3156A											
SPEC.	35K306N681G1											
HP	1 AIR-OVER											
VOLTS	208-230/460											
AMP	3.6-3.5/1.75											
RPM	1140											
FRAME	56YZ				HZ			60		PH		3
SER.F.	1.15		CODE		H	DES		B	CL		F	
NEMA-NOM-EFF	75.5		PF		68							
RATING	40C AMB-CONT											
CC			USABLE AT 208V									
DE	6203			ODE		6205						
ENCL	OPAO		SN									

AC Induction Motor Performance Data

Record # 41768 - Typical performance - not guaranteed values

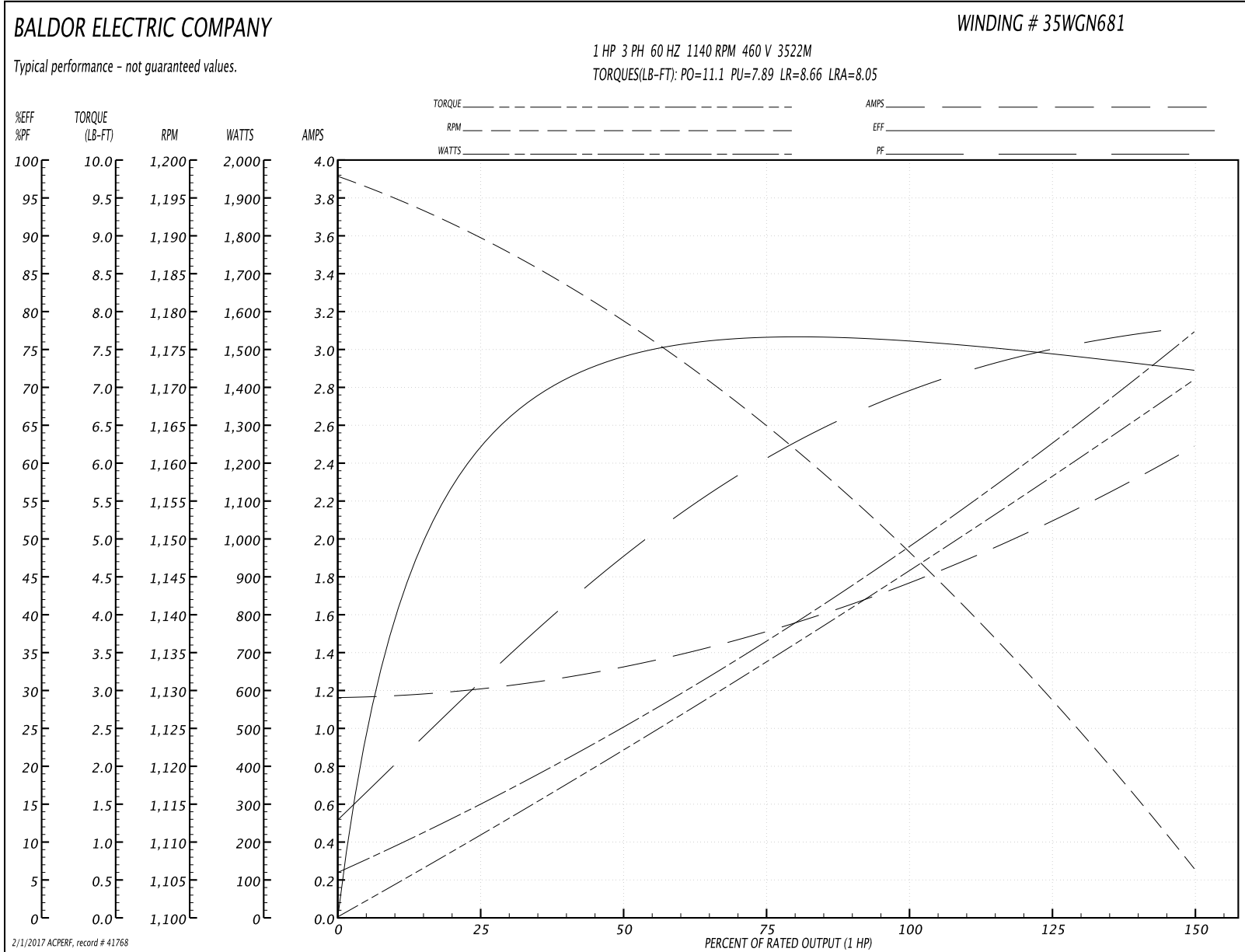
Winding: 35WGN681-R001	Type: 3522M	Enclosure: OPAO
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1			Full Load Torque	4.57 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	3.6-3.5/1.75			Breakdown Torque	11.1 LB-FT
R.P.M.	1140			Pull-up Torque	7.89 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	8.66 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	8.05 A
Service Factor (S.F.)	1.15			No-load Current	1.16 A
NEMA Nom. Eff.	77	Power Factor	68	Line-line Res. @ 25°C	27.443 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

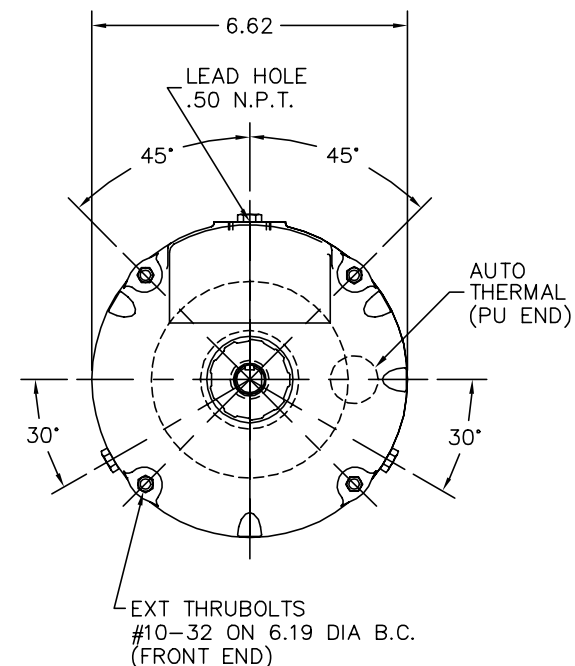
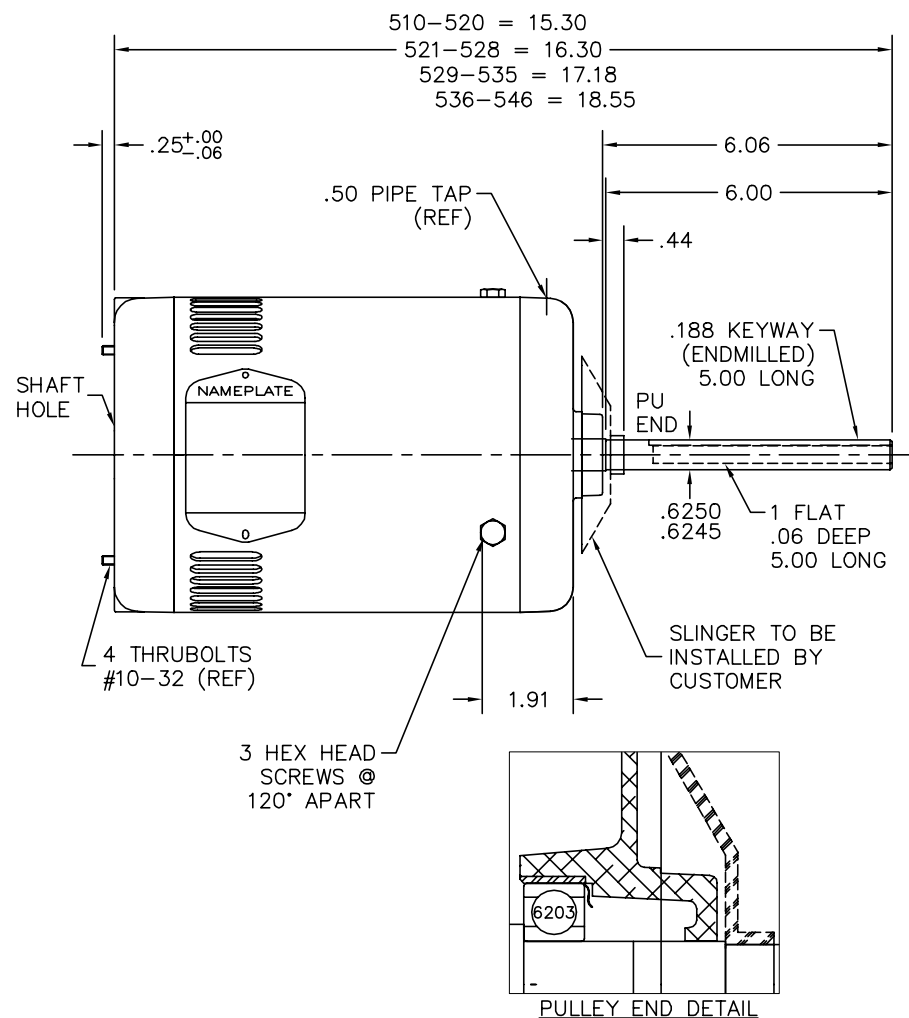
Load Characteristics 460 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	32	48	61	68	75	78	72
Efficiency	60.5	73.1	76.6	76.8	74.7	72	75.5
Speed	1188.7	1177.8	1164.4	1149.6	1130.2	1105.1	1138
Line amperes	1.21	1.33	1.51	1.76	2.1	2.49	1.96

Performance Graph at 460V, 60Hz, 1.0HP Typical performance - Not guaranteed values



35LYK306



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REMOVE THE LOCK SEAM GRAPHICS

REV. LTR: L

VERSION: 01

TDR: 000000973626

FILE: \AAA\00015\695

REVISED: 01:20:38 09/26/2016

BY: ENALEMO

MTL: -


BALDOR

HOR LESS BASE 56YZ OPEN 35M TP. ENCL PUEP

SH 1 of 1

35LYK306

