



Product Information Packet

L3507

.75HP,1725RPM,1PH,60HZ,56,3428LC,TEFC,F1

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGR714	CD Diagram:	CD0055	Mfg Plant:	
Mech. Spec:	34G426	Layout:	34LYG426	Poles:	04	Created Date:	11-19-2020
Base:	RG	Eff. Date:	04-22-2021	Leads:	6#18		

Specs			
Catalog Number:	L3507	Insulation Class:	F
Enclosure:	TEFC	Inverter Code:	Not Inverter
Frame:	56	KVA Code:	J
Frame Material:	Steel	Lifting Lugs:	No Lifting Lugs
Motor Letter Type:	Cap Start, Cap Run	Locked Bearing Indicator:	No Locked Bearing
Output @ Frequency:	.750 HP @ 60 HZ	Motor Lead Quantity/Wire Size:	6 @ 18 AWG
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Exit:	Ko Box
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	115.0 V @ 60 HZ	Motor Type:	3428LC
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	78
Agency Approvals:	CSA	Product Family:	General Purpose
	UR	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	Standard
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	RoHS Status:	ROHS COMPLIANT
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	4.400 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
	8.400 A @ 115.0 V	Shaft Rotation:	Reversible
	4.200 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	N	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
Heater Indicator:	No Heater	Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	L3507										
SPEC.	34G426R714										
HP	.75										
VOLTS	115/230										
AMP	8.4/4.2										
RPM	1725										
FRAME	56				HZ	60				PH	1
SER.F.	1.25			CODE	J	DES	N		CLASS	F	
NEMA-NOM-EFF	72			PF	78						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							4.4
DE	6203			ODE	6203						
ENCL	TEFC			SN							
	SFA 10/5										

AC Induction Motor Performance Data

Record # 85524

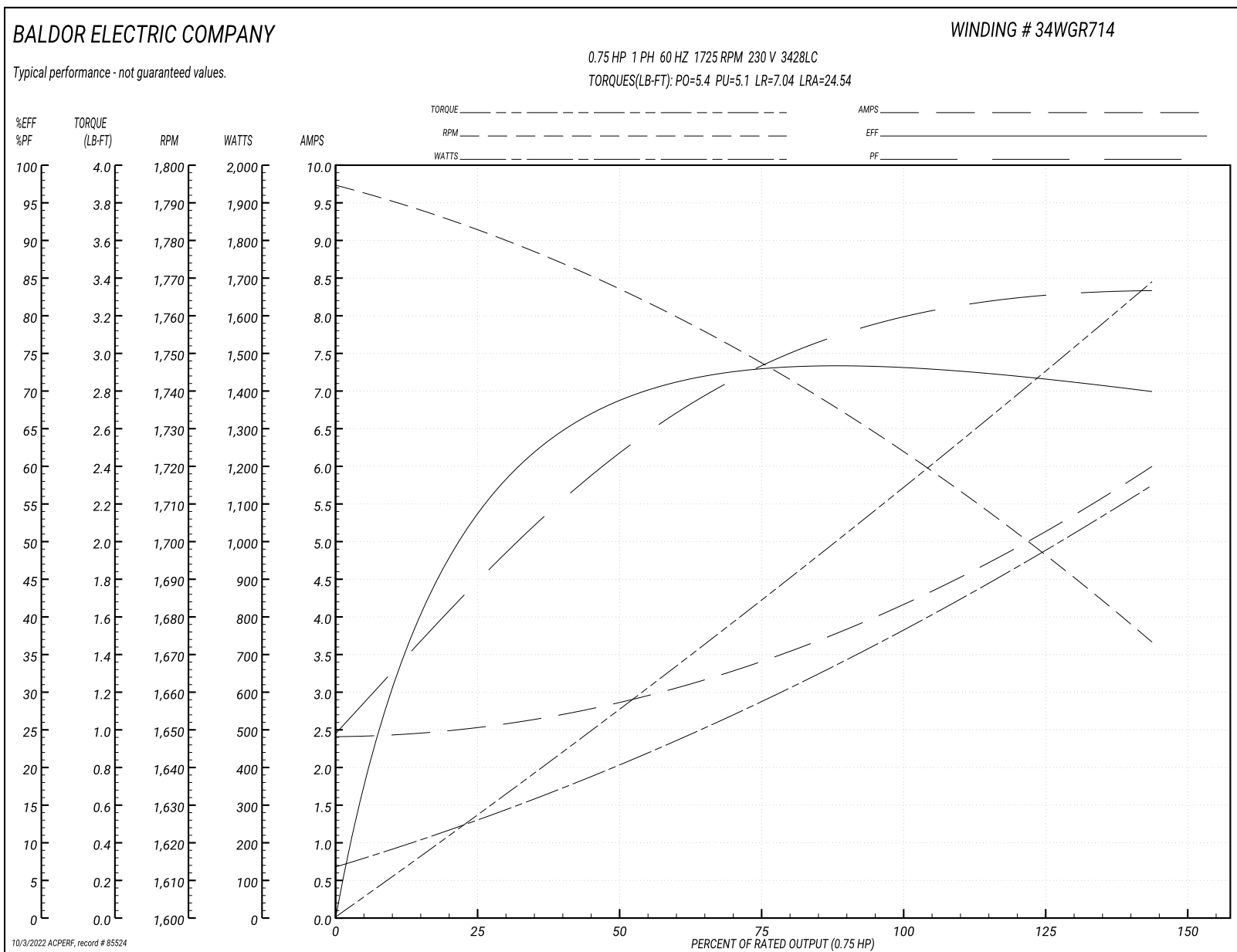
Typical performance - not guaranteed values

Winding: 34WGR714-R001			Type: 3428LC		Enclosure: TEFC		
Nameplate Data			230 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		.75	Full Load Torque		2.25 LB-FT		
Volts		115/230	Start Configuration		direct on line		
Full Load Amps		8.4/4.2	Breakdown Torque		5.4 LB-FT		
R.P.M.		1725	Pull-up Torque		5.1 LB-FT		
Hz	60	Phase	1	Locked-rotor Torque		7.04 LB-FT	
NEMA Design Code		N	KVA Code	J	Starting Current		24.54 A
Service Factor (S.F.)		1.25		No-load Current		2.39 A	
NEMA Nom. Eff.		72	Power Factor	78	Line-line Res. @ 25°C		0.726 Ω A Ph 3.03 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		66°C	
S.F. Amps		10/5		Temp. Rise @ S.F. Load		84°C	
				Locked-rotor Power Factor		83	
				Rotor inertia		0.0665 lb-ft²	

Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	46	62	73	80	83	83	83
Efficiency	52.6	68.4	72.5	73.5	73	69.2	73
Speed	1780	1765	1747	1727	1704	1670	1704
Line amperes	2.54	2.9	3.45	4.09	4.92	6.06	4.92

Performance Graph at 230V, 60Hz, 0.75HP Typical performance - Not guaranteed values



AC Induction Motor Performance Data

Record # 85532

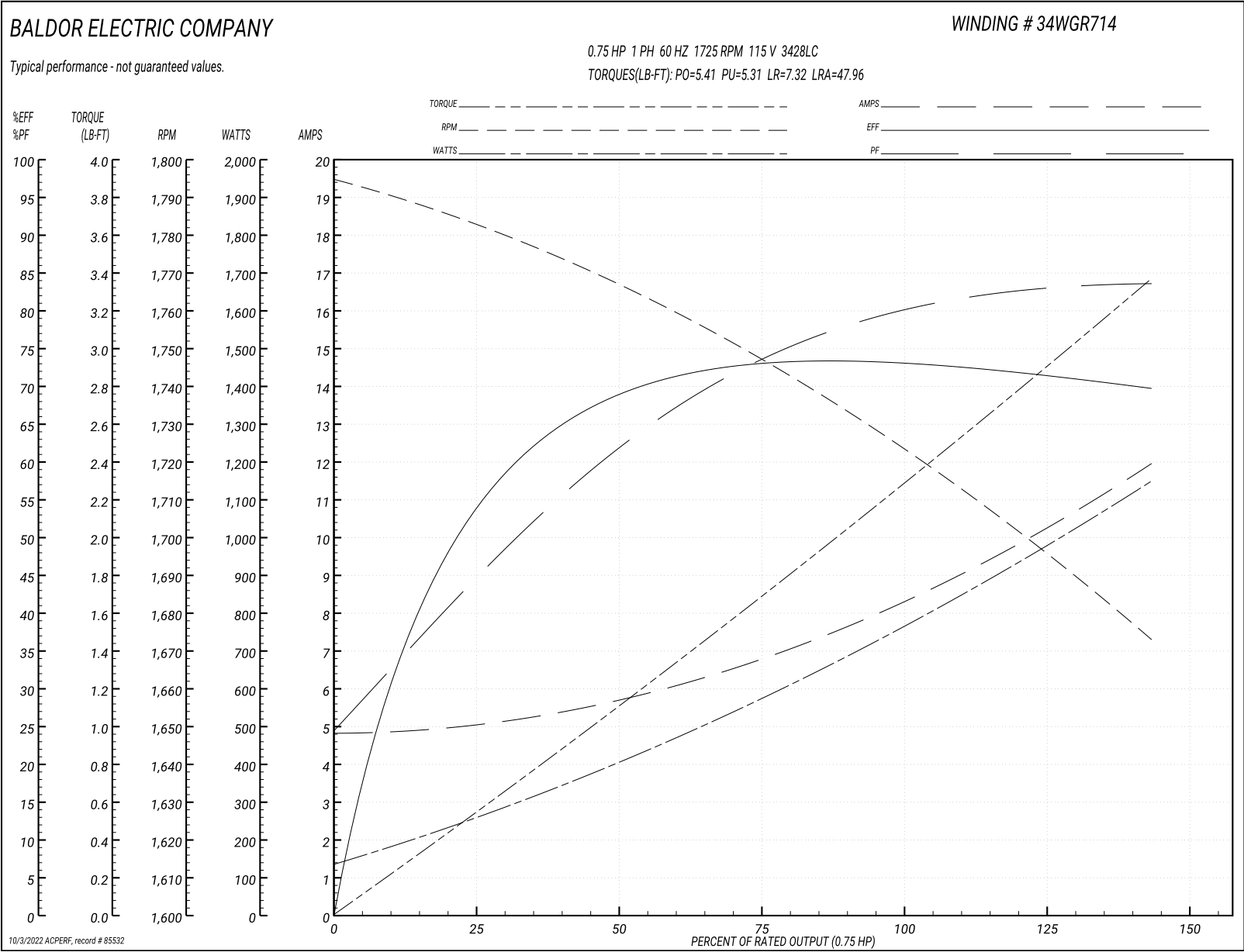
Typical performance - not guaranteed values

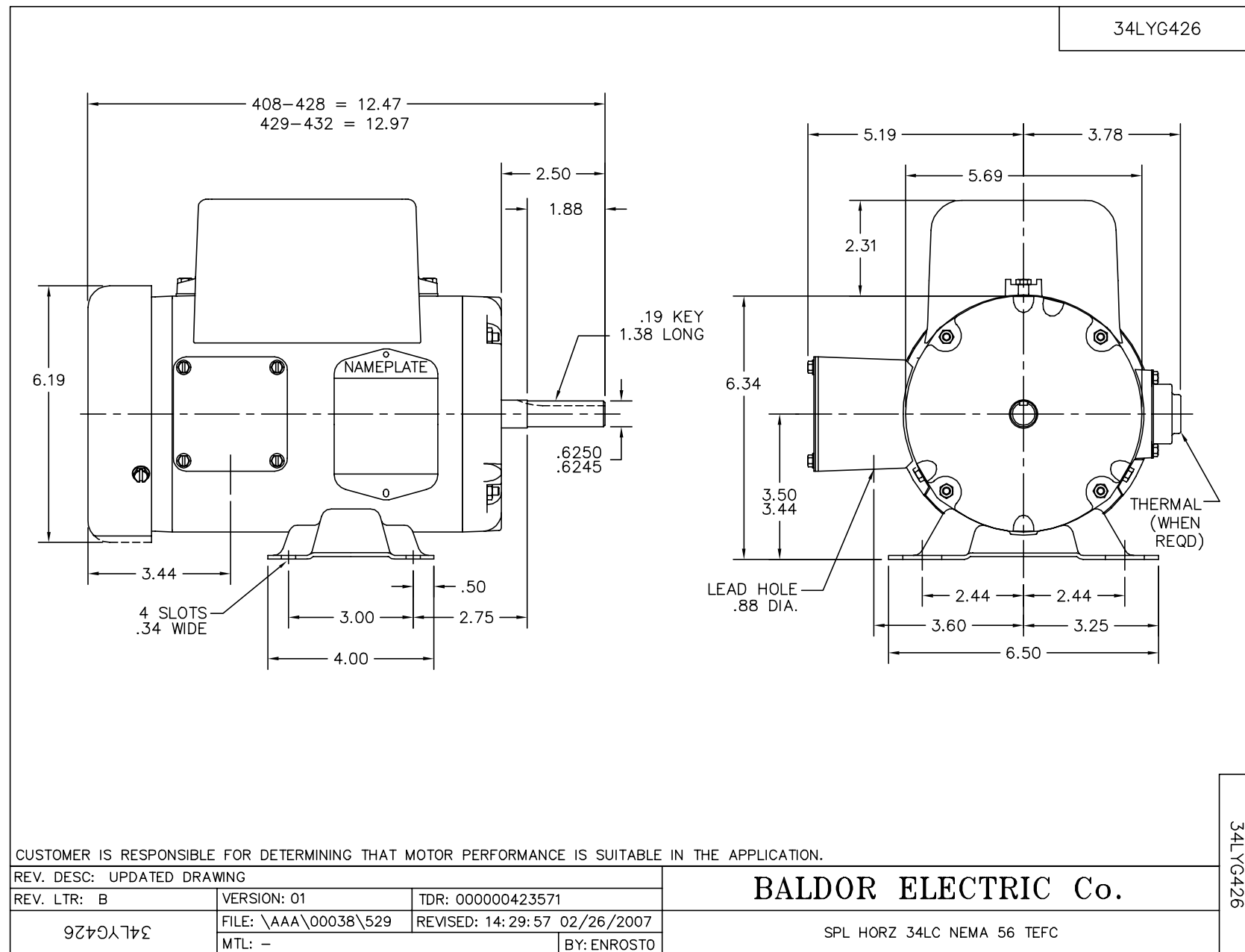
Winding: 34WGR714-R001				Type: 3428LC		Enclosure: TEFC	
Nameplate Data				115 V, 60 Hz: Low Voltage Connection			
Rated Output (HP)		.75		Full Load Torque		2.26 LB-FT	
Volts		115/230		Start Configuration		direct on line	
Full Load Amps		8.4/4.2		Breakdown Torque		5.41 LB-FT	
R.P.M.		1725		Pull-up Torque		5.31 LB-FT	
Hz	60	Phase	1	Locked-rotor Torque		7.32 LB-FT	
NEMA Design Code		N	KVA Code	J	Starting Current		47.96 A
Service Factor (S.F.)		1.25		No-load Current		4.78 A	
NEMA Nom. Eff.		72	Power Factor	78	Line-line Res. @ 25°C		0.726 Ω A Ph 3.03 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		66°C	
S.F. Amps		10/5		Temp. Rise @ S.F. Load		82°C	
				Locked-rotor Power Factor		85.8	
				Rotor inertia		0.0665 lb-ft²	

Load Characteristics 115 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	46	62	73	80	83	84	83
Efficiency	52.7	68.4	72.5	73.6	72.8	69	72.8
Speed	1780	1765	1747	1726	1703	1670	1703
Line amperes	5.07	5.78	6.88	8.16	9.82	12.09	9.82

Performance Graph at 115V, 60Hz, 0.75HP Typical performance - Not guaranteed values





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