



Customer information packet

34G716-895G1

.25HP, 1725RPM, 3PH, 60HZ, 56C, 3410M, TENV, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	TENV
Frame	56C
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	.250 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ 208.0 V @ 60 HZ
Agency Approvals	CSA UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.400 A @ 208.0 V 1.300 A @ 230.0 V .650 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	64.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part detail

Revision	S
Type	AC
Mech. spec.	34G716
Base	
Status	PRD/A
Elec. spec.	34WG0895
Layout	34LYG716
Eff. date	09-11-2023
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	01-01-0001

Heater Indicator	No Heater
High Voltage Full Load Amps	0.7 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	L
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3410M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	10.25 IN
Power Factor	56
Product Family	Wash Down
Pulley End Bearing Type	Sealed Bearing
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1725 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor

Nameplate

NP1496L									
CAT.NO.									
SPEC.	34G716-895G1								
HP	.25								
VOLTS	208-230/460								
AMP	1.4-1.3/.65								
RPM	1725								
FRAME	56C		HZ	60		PH	3		
SER.F.	1.00	CODE	L	DES	B	CLASS	F		
NEMA-NOM-EFF	64	PF	56						
RATING	40C AMB-CONT								
CC									
DE	6203		ODE	6203					
ENCL	TENV	SN							

AC Induction Motor Performance Data

Record # 6612

Typical performance - not guaranteed values

Winding: 34WG0895-R011			Type: 3410M		Enclosure: TENV			
Nameplate Data			460 V, 60 Hz: High Voltage Connection					
Rated Output (HP)		.25	Full Load Torque		0.75 LB-FT			
Volts		208-230/460	Start Configuration		direct on line			
Full Load Amps		1.4-1.3/.65	Breakdown Torque		3.47 LB-FT			
R.P.M.		1725	Pull-up Torque		2.27 LB-FT			
Hz	60	Phase	3	Locked-rotor Torque		2.57 LB-FT		
NEMA Design Code		B	KVA Code	L	Starting Current		3.45 A	
Service Factor (S.F.)		1		No-load Current		0.6 A		
NEMA Nom. Eff.		64	Power Factor		56	Line-line Res. @ 25°C		68.4 Ω
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		68°C		

Load Characteristics 460 V, 60 Hz, 0.25 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	30	39	50	57	64	69
Efficiency	40	55.6	62.3	64	64.8	64.3
Speed	1785	1772	1758	1743	1729	1713
Line amperes	0.64	0.65	0.66	0.67	0.74	0.79

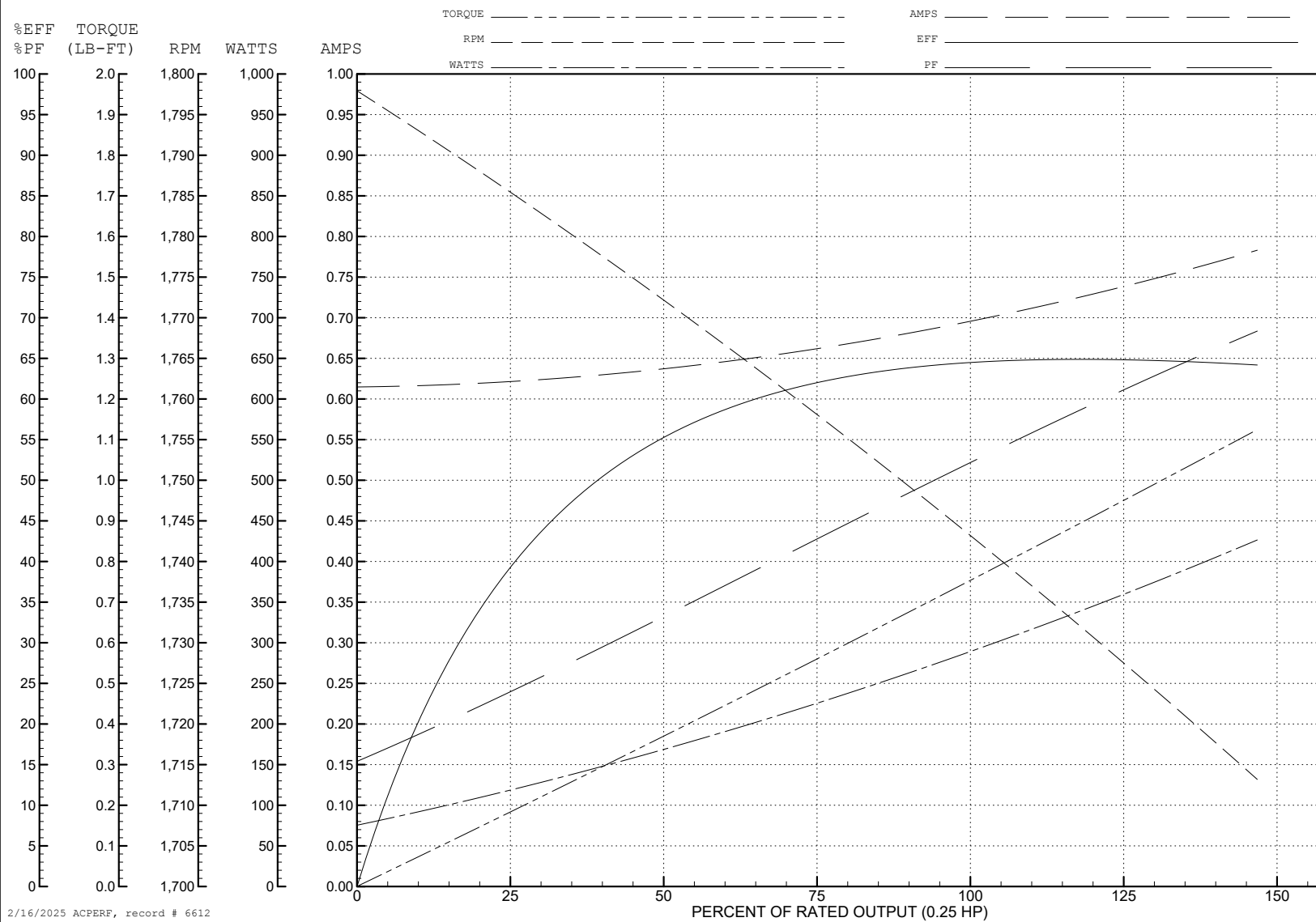
ABB Motors and Mechanical Inc.

WINDING # 34WG0895

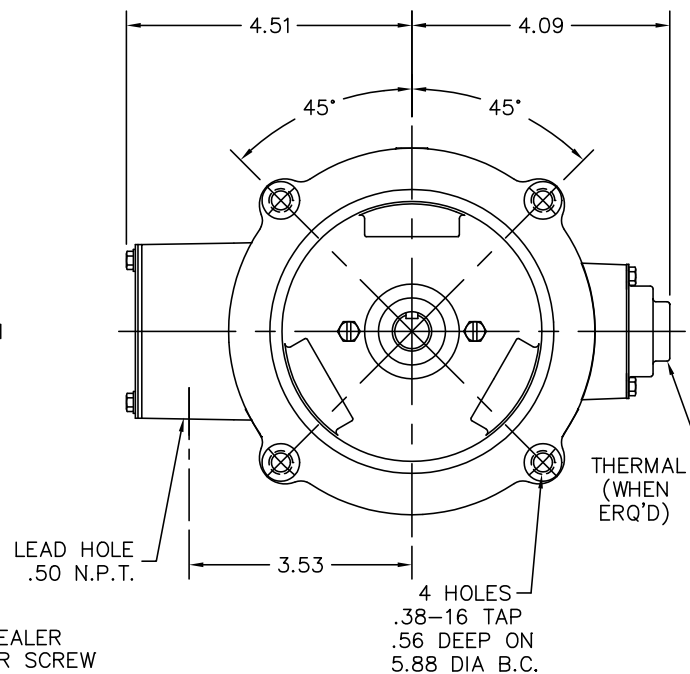
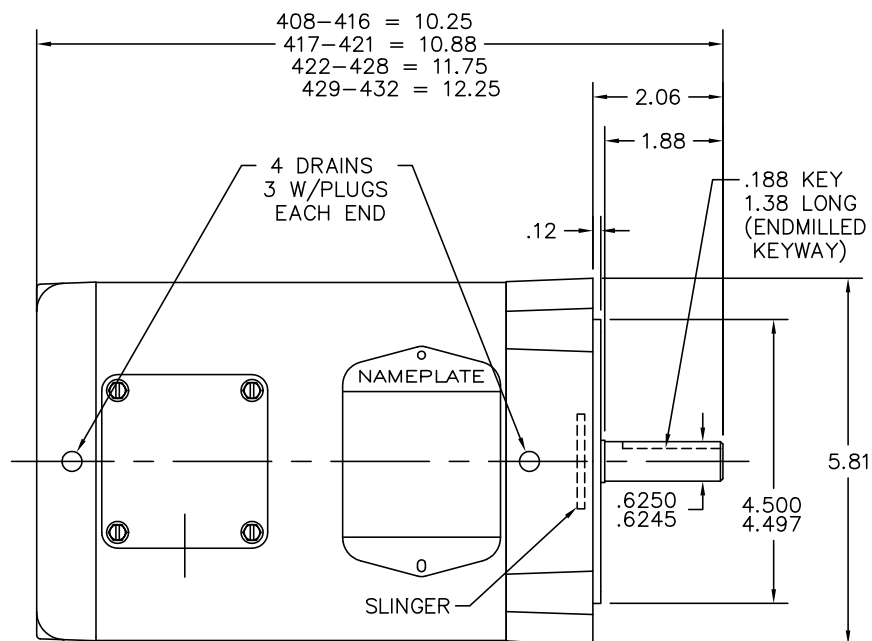
Typical performance - not guaranteed values.

0.25 HP 3 PH 60 HZ 1725 RPM 460 V 3410M

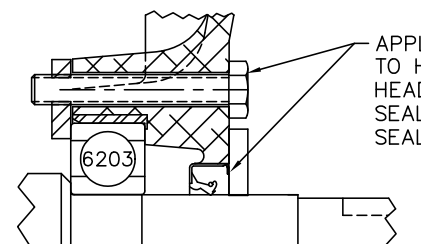
TORQUES (LB-FT): PO=3.47 PU=2.27 LR=2.57 LRA=3.45



34G716



PULLEY
END
DETAIL



APPLY COAT OF RED SEALER
TO HOUSING AND UNDER SCREW
HEADS BEFORE PRESSING SEAL IN.
SEAL MUST BE PRESSED IN WITH
SEAL OUT.

CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB							
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL		PHASE		FREQ		FRAME	
REMARKS:																	
REV:	A	ADD ENDMILLED KEYWAY, NEW SHAFT															
34G716		REF: 34A62		BY: MEB		REVISED: 05/07/96		BALDOR ELECTRIC Co. LAYOUT VERT 34M NEMA 56C TENV-HOSE DOWN W/ENDMILLED KEYWAY									
		FILE: AAA00015147		TDR: 0096483													

34G716

