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# Customer information packet

## EGDM3665T

5HP, 1750RPM, 3PH, 60HZ, 184TZ, 0641M, TEFC, F1

Class - None

Division - Not Applicable

## Specifications

Enclosure	TEFC
Frame	184TZ
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	5.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	208.0 V @ 60 HZ 230.0 V @ 60 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA EEV CSA UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	13.200 A @ 230.0 V 14.000 A @ 208.0 V 6.600 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	89.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard

## Part detail

Revision	C
Type	AC
Mech. spec.	06K575
Base	
Status	PRD/A
Elec. spec.	06WGX182
Layout	06LYK575
Eff. date	11-27-2024
CD Diagram	CD0005
Poles	04
Leads	9#16 SEE NOTES Y
Proprietary	False
Created date	02-19-2016

Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	6.6 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	0642M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	16.42 IN
Power Factor	79
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1750 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

<b>Vibration Sensor Indicator</b>	<b>No Vibration Sensor</b>
<b>Winding Thermal 1</b>	<b>None</b>
<b>Winding Thermal 2</b>	<b>None</b>

**Nameplate**

<b>NP3126L</b>									
<b>CAT.NO.</b>	EGDM3665T								
<b>SPEC.</b>	06K575X182G1								
<b>HP</b>	5								
<b>VOLTS</b>	208-230/460								
<b>AMP</b>	14-13.2/6.6								
<b>RPM</b>	1750								
<b>FRAME</b>	184TZ		<b>HZ</b>	60		<b>PH</b>	3		
<b>SER.F.</b>	1.15	<b>CODE</b>	J	<b>DES</b>	B	<b>CL</b>	F		
<b>NEMA-NOM-EFF</b>	89.5	<b>PF</b>	79						
<b>RATING</b>	40C AMB-CONT								
<b>CC</b>	010A								
<b>DE</b>	6206	<b>ODE</b>	6205						
<b>ENCL</b>	TEFC	<b>SN</b>							

**AC Induction Motor Performance Data**

Record # 37403

Typical performance - not guaranteed values

<b>Winding:</b> 06WGX182-R001		<b>Type:</b> 0642M		<b>Enclosure:</b> TEFC	
<b>Nameplate Data</b>			<b>460 V, 60 Hz: High Voltage Connection</b>		
<b>Rated Output (HP)</b>	5	<b>Full Load Torque</b>	15 LB-FT		
<b>Volts</b>	230/460	<b>Start Configuration</b>	direct on line		
<b>Full Load Amps</b>	13.2/6.6	<b>Breakdown Torque</b>	53.9 LB-FT		
<b>R.P.M.</b>	1750	<b>Pull-up Torque</b>	22.4 LB-FT		
<b>Hz</b>	60 <b>Phase</b>	3	<b>Locked-rotor Torque</b>	31.8 LB-FT	
<b>NEMA Design Code</b>	<b>B KVA Code</b>	J	<b>Starting Current</b>	46.6 A	
<b>Service Factor (S.F.)</b>		1.15	<b>No-load Current</b>	3.02 A	
<b>NEMA Nom. Eff.</b>	89.5 <b>Power Factor</b>	80	<b>Line-line Res. @ 25°C</b>	2.6259 Ω	
<b>Rating - Duty</b>	40C AMB-CONT		<b>Temp. Rise @ Rated Load</b>	53°C	
<b>S.F. Amps</b>			<b>Temp. Rise @ S.F. Load</b>	66°C	
			<b>Locked-rotor Power Factor</b>	40	
			<b>Rotor inertia</b>	0.391 lb-ft <sup>2</sup>	

**Load Characteristics 460 V, 60 Hz, 5 HP**

<b>% of Rated Load</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>S.F.</b>
<b>Power Factor</b>	41	63	75	81	84	85	83
<b>Efficiency</b>	85.2	89.7	90.3	89.8	88.5	86.9	89
<b>Speed</b>	1789	1777	1765	1752	1737	1721	1743
<b>Line amperes</b>	3.35	4.14	5.21	6.45	7.91	9.47	7.33

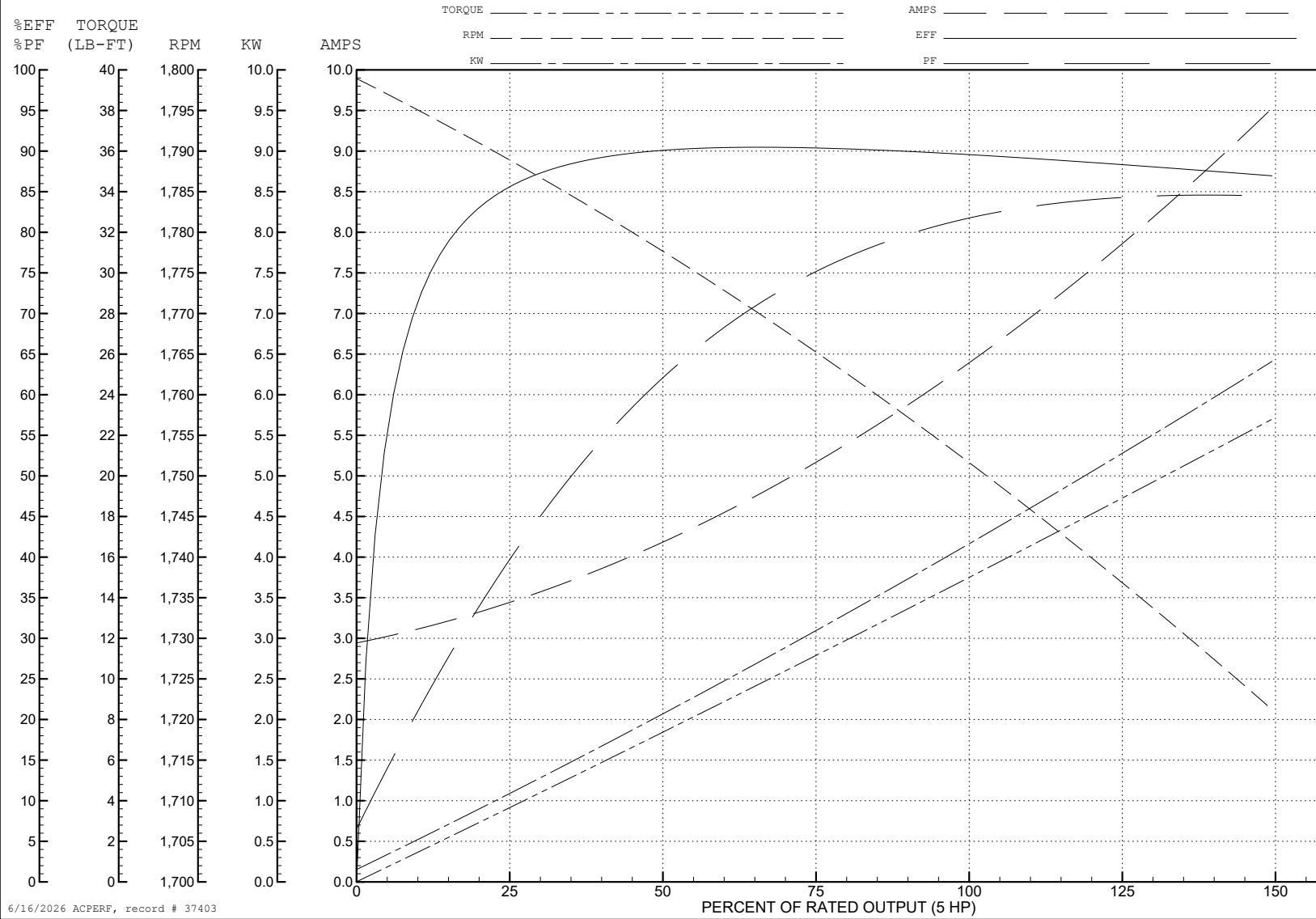
ABB Motors and Mechanical Inc.

WINDING # 06WGX182

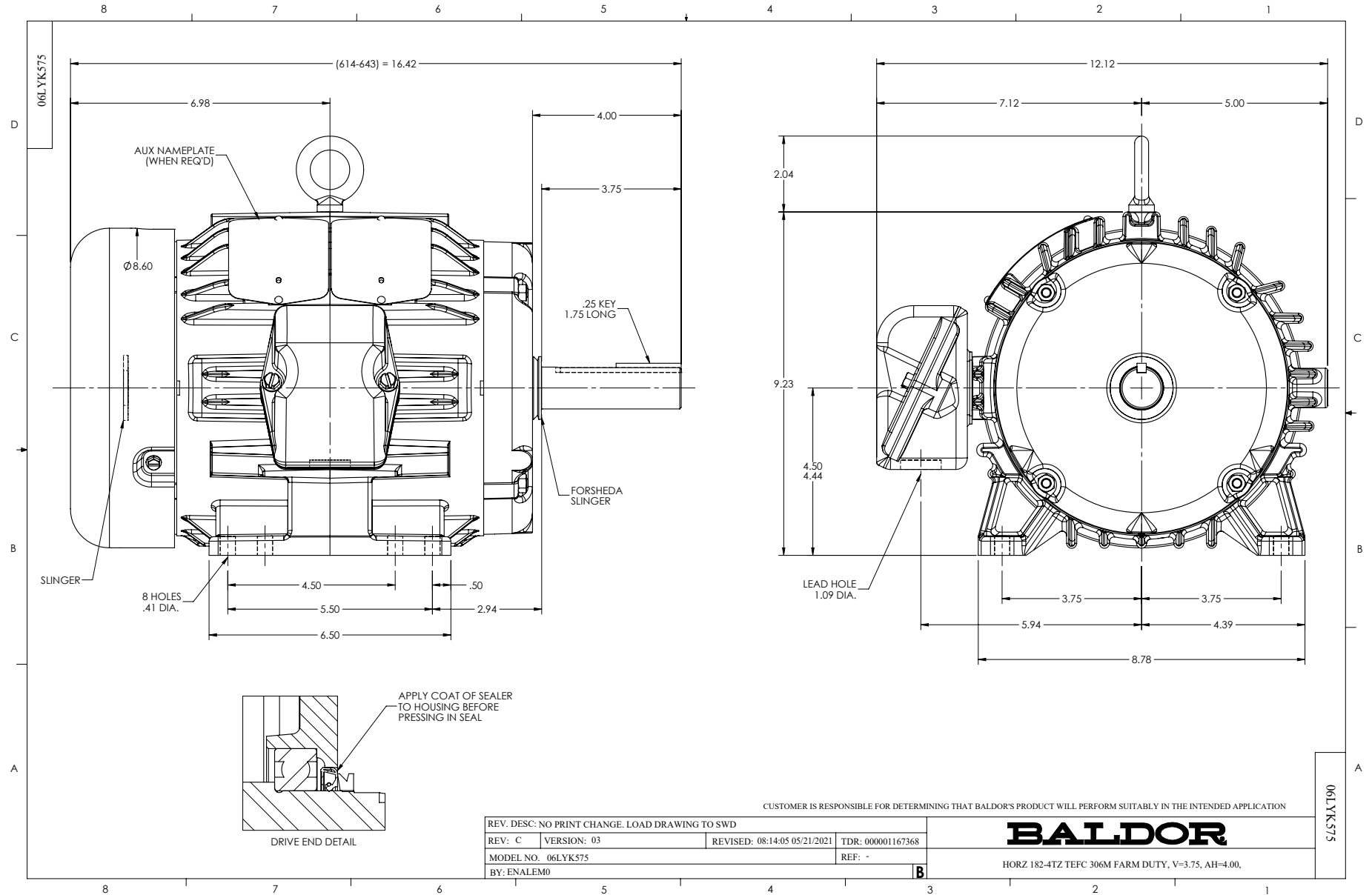
5 HP 3 PH 60 HZ 1750 RPM 460 V 0642M

Typical performance - not guaranteed values.

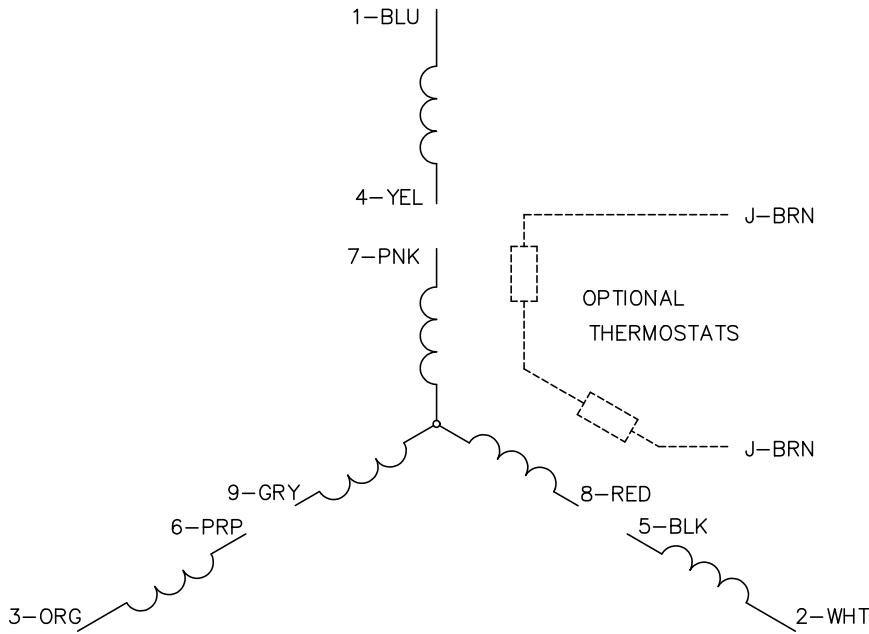
TORQUES (LB-FT): PO=53.9 PU=22.4 LR=31.8 LRA=46.6



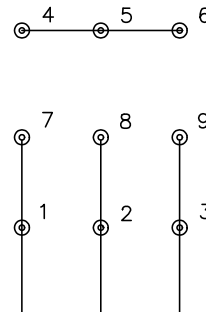
6/16/2026 ACPERF, record # 37403



CD0005

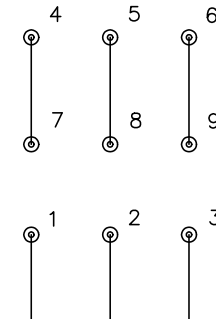


LOW VOLTAGE  
(2Y)



LINE

HIGH VOLTAGE  
(1Y)



LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
S00000		FILE: AAA00005140	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

3PH, DV, 9 LEADS