



Product Information Packet

ECP3663T-4

5HP,3500RPM,3PH,60HZ,184T,0634M,TEFC,F1

Part Detail							
Revision:	Z	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	06WGX065	CD Diagram:	CD0006	Mfg Plant:	
Mech. Spec:	06H483	Layout:	06LYH483	Poles:	02	Created Date:	08-07-2006
Base:	RG	Eff. Date:	04-22-2021	Leads:	3#16		

Specs			
Catalog Number:	ECP3663T-4	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	184T	Inverter Code:	Inverter Ready
Frame Material:	Iron	KVA Code:	L
Motor Letter Type:	Three Phase	Lifting Lugs:	Standard Lifting Lugs
Output @ Frequency:	5.000 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	3 @ 16 AWG
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	CLI GP A,B,C,D	Motor Lead Termination:	Flying Leads
XP Division:	Division II	Motor Type:	0634M
Agency Approvals:	CSA EEV	Mounting Arrangement:	F1
	UR	Power Factor:	90
	CSA	Product Family:	Chemical Processing (Not DC)
	CCSA US	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)	Shaft Extension Location:	Pulley End

Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Constant Torque Speed Range:	6	Shaft Rotation:	Reversible
Current @ Voltage:	5.700 A @ 460.0 V	Shaft Slinger Indicator:	Shaft Slinger
Design Code:	A	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
Enclosure Modification:	Severe Duty Features	Thermal Device - Winding:	None
Feedback Device:	NO FEEDBACK	Vibration Sensor Indicator:	No Vibration Sensor
Front Face Code:	Standard	Winding Thermal 1:	None
Front Shaft Indicator:	None	Winding Thermal 2:	None
		XP Temp Code:	T3C

Nameplate NP3257E

CAT.NO.	ECP3663T-4									
SPEC.	06H483X065G1									
HP	5	TE								
VOLTS	460									
AMP	5.7									
RPM	3500									
FRAME	184T					HZ	60			
SER.F.	1.15			CODE	L	DES	A			
RATING	40C AMB-CONT									
SN										
DE	6206					ODE	6206			
NEMA-NOM-EFF	89.5				PF	90				
G.MIN.EFF	89.5				CC	010A				
T. CODE	T3C				T=	160				

PH	3
CL	F

Nameplate NP3260E

SPEC.	06H483X065G1		
D.E. BRG.	30BC02XP30X		
O.D.E. BRG.	30BC02XP30X		
GREASE	POLYREX EM		
RPM MAX	5400	MAX. KVAR	N/A
BLANK			
INV. TYPE	PWM		
T=	160		
C HP FR	60	C HP TO	90
CT HZ FROM	6	CT HZ TO	60
VT HZ FROM	3	VT HZ TO	60
HTR-VOLTS		HTR-AMPS	
HTR-WATTS			
		MAX. SPACE HEATER TEMP.	

AC Induction Motor Performance Data

Record # 47072

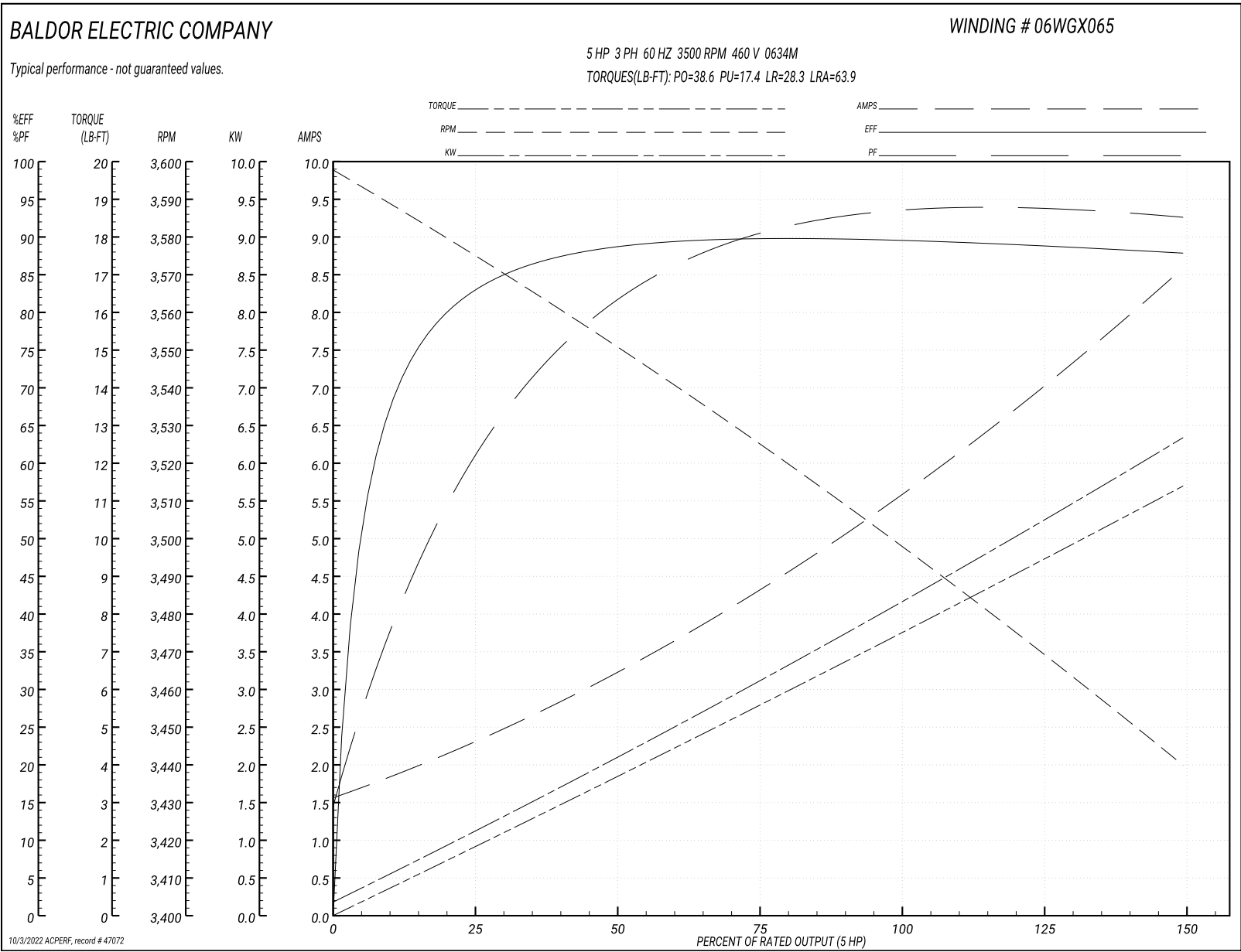
Typical performance - not guaranteed values

Winding: 06WGX065-R031			Type: 0634M		Enclosure: TEFC	
Nameplate Data			460 V, 60 Hz: Single Voltage Motor			
Rated Output (HP)		5	Full Load Torque		7.45 LB-FT	
Volts		460	Start Configuration		direct on line	
Full Load Amps		5.7	Breakdown Torque		38.6 LB-FT	
R.P.M.		3500	Pull-up Torque		17.4 LB-FT	
Hz	60	Phase	3	Locked-rotor Torque	28.3 LB-FT	
NEMA Design Code	A	KVA Code	L	Starting Current	63.9 A	
Service Factor (S.F.)		1.15	No-load Current		1.65 A	
NEMA Nom. Eff.	89.5	Power Factor	90	Line-line Res. @ 25°C	2.4282 Ω	
Rating - Duty		40C	AMB-CONT	Temp. Rise @ Rated Load	49°C	
S.F. Amps				Temp. Rise @ S.F. Load	59°C	
				Rotor inertia	0.153 LB-FT ²	

Load Characteristics 460 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	63	83	89	93	93	93	93
Efficiency	82.5	88.6	89.8	89.7	88.9	87.7	89.2
Speed	3575.6	3551.3	3526.2	3498.2	3470.4	3439.8	3482
Line amperes	2.17	3.14	4.35	5.59	7.02	8.54	6.45

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



10/3/2022 ACPERF, record # 47072

