



Product Information Packet

ECP3667T

1.5HP,1170RPM,3PH,60HZ,182T,0630M,TEFC,F

Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	06WGW969	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	06H483	Layout:	06LYH483	Poles:	06	Created Date:	12-02-2010
Base:	RG	Eff. Date:	04-22-2021	Leads:	9#16		

Specs			
Catalog Number:	ECP3667T	Front Face Code:	Standard
Enclosure:	TEFC	Front Shaft Indicator:	None
Frame:	182T	Heater Indicator:	No Heater
Frame Material:	Iron	Insulation Class:	F
Motor Letter Type:	Three Phase	Inverter Code:	Inverter Ready
Output @ Frequency:	1.500 HP @ 60 HZ	KVA Code:	K
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Voltage @ Frequency:	460.0 V @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
	230.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 16 AWG
	208.0 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:	0630M
Agency Approvals:	CSA EEV	Mounting Arrangement:	F1
	UR	Power Factor:	65
	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:	1.5	Shaft Rotation:	Reversible
Current @ Voltage:	5.000 A @ 230.0 V	Shaft Slinger Indicator:	Shaft Slinger
	5.200 A @ 208.0 V	Speed Code:	Single Speed
	2.500 A @ 460.0 V	Motor Standards:	NEMA
Design Code:	B	Starting Method:	Direct on line
Drip Cover:	No Drip Cover	Thermal Device - Bearing:	None
Duty Rating:	CONT	Thermal Device - Winding:	None
Electrically Isolated Bearing:	Not Electrically Isolated	Vibration Sensor Indicator:	No Vibration Sensor
Enclosure Modification:	Severe Duty Features	Winding Thermal 1:	None
Feedback Device:	NO FEEDBACK	Winding Thermal 2:	None
		XP Temp Code:	T3C

Nameplate NP3257E

CAT.NO.	ECP3667T		
SPEC.	06H483W969G1		
HP	1.5	TE	
VOLTS	208-230/460		
AMP	5.2-5/2.5		
RPM	1170		
FRAME	182T	HZ	60
SER.F.	1.15	CODE	K
		DES	B
RATING	40C AMB-CONT		
SN			
DE	6206	ODE	6206
NEMA-NOM-EFF	87.5	PF	65
G.MIN.EFF	87.5	CC	010A
T. CODE	T3C	T=	160

PH	3
CL	F

Nameplate NP3260E

SPEC.	06H483W969G1		
D.E. BRG.	30BC02XP30X		
O.D.E. BRG.	30BC02XP30X		
GREASE	POLYREX EM		
RPM MAX	1800	MAX. KVAR	N/A
BLANK			
INV.TYPE	PWM		
T=	160		
C HP FR	60	C HP TO	90
CT HZ FROM	1.5	CT HZ TO	60
VT HZ FROM	0-	VT HZ TO	60
HTR-VOLTS		HTR-AMPS	
HTR-WATTS			
		MAX. SPACE HEATER TEMP.	

AC Induction Motor Performance Data

Record # 47055

Typical performance - not guaranteed values

Winding: 06WGW969-R015				Type: 0630M		Enclosure: TEFC	
Nameplate Data				460 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		1.5		Full Load Torque		6.77 LB-FT	
Volts		208-230/460		Start Configuration		direct on line	
Full Load Amps		5.2-5/2.5		Breakdown Torque		24 LB-FT	
R.P.M.		1170		Pull-up Torque		12.5 LB-FT	
Hz		60		Phase		3	
NEMA Design Code		B		KVA Code		K	
Service Factor (S.F.)		1.15		Starting Current		16.19 A	
NEMA Nom. Eff.		87.5		Power Factor		65	
Rating - Duty		40C		AMB-CONT		Temp. Rise @ Rated Load	
S.F. Amps						Temp. Rise @ S.F. Load	

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	27	44	56	65	69	73	67
Efficiency	76.9	85	87.1	87.6	87	86	87.2
Speed	1193.7	1186.9	1179.4	1171.7	1163.1	1152.9	1167
Line amperes	1.7	1.9	2.18	2.51	2.92	3.38	2.76

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values





