



Product Information Packet

CECP3661T

3HP,1755RPM,3PH,60HZ,182TC,0632M,TEFC,F1

Part Detail							
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	06WGX181	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	06H482	Layout:	06LYH482	Poles:	04	Created Date:	09-22-2011
Base:	RG	Eff. Date:	11-11-2020	Leads:	9#16		

Specs			
Catalog Number:	CECP3661T	Front Face Code:	Standard
Enclosure:	TEFC	Front Shaft Indicator:	None
Frame:	182TC	Heater Indicator:	No Heater
Frame Material:	Iron	Insulation Class:	F
Motor Letter Type:	Three Phase	Inverter Code:	Inverter Duty
Output @ Frequency:	3.000 HP @ 60 HZ	KVA Code:	J
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Voltage @ Frequency:	460.0 V @ 60 HZ	Locked Bearing Indicator:	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:	0632M
Agency Approvals:	CSA EEV	Mounting Arrangement:	F1
	UR	Power Factor:	77
	CSA	Product Family:	Chemical Processing (Not DC)
	CCSA US	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	C-Face
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:	8.200 A @ 230.0 V	Shaft Slinger Indicator:	Shaft Slinger
	8.600 A @ 208.0 V	Speed Code:	Single Speed
	4.100 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.	CECP3661T		
SPEC.	06H482X181G1		
HP	3	TE	
VOLTS	208-230/460		
AMP	8.6-8.2/4.1		
RPM	1755		
FRAME	182TC	HZ	60
SER.F.	1.15	CODE	J
		DES	B
RATING	40C AMB-CONT		
SN			
DE	6206	ODE	6206
NEMA-NOM-EFF	89.5	PF	77
G.MIN.EFF	87.5	CC	010A
T. CODE	T3C	T=	160

PH	3
CL	F

Nameplate NP3260E

SPEC.	06H482X181G1		
D.E. BRG.	30BC02XP30X		
O.D.E. BRG.	30BC02XP30X		
GREASE	POLYREX EM		
RPM MAX	2700	MAX. KVAR	0.86
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 # 46998

Typical performance - not guaranteed values

Winding: 06WGX181-R047			Type: 0632M		Enclosure: TEFC		
Nameplate Data			460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		3	Full Load Torque		9.06 LB-FT		
Volts		208-230/460	Start Configuration		direct on line		
Full Load Amps		8.6-8.2/4.1	Breakdown Torque		33.1 LB-FT		
R.P.M.		1755	Pull-up Torque		18.2 LB-FT		
Hz	60	Phase	3	Locked-rotor Torque		20.4 LB-FT	
NEMA Design Code		B	KVA Code	J	Starting Current		29.8 A
Service Factor (S.F.)		1.15	No-load Current		2.14 A		
NEMA Nom. Eff.		89.5	Power Factor	77	Line-line Res. @ 25°C		3.92 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		35°C
S.F. Amps					Temp. Rise @ S.F. Load		42°C
					Rotor inertia		0.298 LB-FT2

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	38	58	70	77	81	83	79
Efficiency	83.6	88.9	90.1	89.9	89.1	87.8	89.4
Speed	1789.5	1779.3	1768.8	1757	1744.4	1730	1749
Line amperes	2.34	2.79	3.39	4.1	4.91	5.86	4.59

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values





