

BALDOR® • RELIANCE

Product Information Packet

CECP4106T

20HP,3540RPM,3PH,60HZ,256TC,0944M,TEFC,F

Part Detail							
Revision:	W	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0944M	Elec. Spec:	09WGY799	CD Diagram:	CD0180
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	09J540	Layout:	09LYJ540
Frame:	256TC	Mounting:	F1	Poles:	02	Created Date:	01-18-2011
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-13-2017
Leads:	9#12					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3241

CAT.NO.	CECP4106T		P/N			ENCLOSURE	TEFC		
SPEC.	09J540Y799G1	CC	010A	FRAME	256TC	S/N			
HP	20		CLASS	F	HZ	60	DES	A	
RPM	3540		RPM MAX	5400	PH	3	KVA-CODE	J	
VOLT	230/460		MOTOR WEIGHT	333					
AMP	44/22		SER.F.	1.15	PF	92	ODE BRG	6309	
RATING	40C AMB-CONT		NEMA-NOM-EFF	91.7	GREASE	POLYREX EM			
					INV.TYPE	PWM			
TEMP CODE	T3	INVERTER-TEMP-CODE	200						
TEMP =	200	C HP FR	60	C HP TO	90				
CT HZ FROM	6	CT HZ TO	60						
HTR-VOLTS		HTR-AMPS		HTR-WATTS		MAX. SPACE HEATER TEMP.		VT HZ FROM	0
								VT HZ TO	60

AC Induction Motor Performance Data

Record # 47264 - Typical performance - not guaranteed values

Winding: 09WGY799-R020	Type: 0944M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	20			Full Load Torque	29.8 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	44/22			Breakdown Torque	131 LB-FT
R.P.M.	3540			Pull-up Torque	41.6 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	60.3 LB-FT
NEMA Design Code	A	KVA Code	J	Starting Current	165 A
Service Factor (S.F.)	1.15			No-load Current	6.22 A
NEMA Nom. Eff.	91.7	Power Factor	92	Line-line Res. @ 25°C	0.377 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	64°C
S.F. Amps				Temp. Rise @ S.F. Load	79°C
				Locked-rotor Power Factor	27.8

Load Characteristics 460 V, 60 Hz, 20 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	67	83	91	92	93	92	93
Efficiency	86.5	91.5	92.2	92.3	91.7	90.7	92
Speed	3583	3566	3550	3533	3515	3494	3522
Line amperes	8.16	12.4	16.7	22.1	27.5	33.3	25.3

Performance Graph at 460V, 60Hz, 20.0HP Typical performance - Not guaranteed values





