



Product Information Packet

M1729T

25/11HP,1760/1160RPM,3PH,60HZ,324T,1240M

Part Detail							
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	12WGX260	CD Diagram:	CD0013	Mfg Plant:	
Mech. Spec:	12C51	Layout:	12LYC051	Poles:	04/06	Created Date:	
Base:	RG	Eff. Date:	06-28-2021	Leads:	6#10		

Specs			
Catalog Number:	M1729T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	324T	Inverter Code:	Not Inverter
Frame Material:	Iron	KVA Code:	H
Motor Letter Type:	Three Phase	Lifting Lugs:	Standard Lifting Lugs
Output @ Frequency:	11.000 HP @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
	25.000 HP @ 60 HZ	Motor Lead Quantity/Wire Size:	6 @ 10 AWG
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Motor Lead Exit:	Ko Box
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	1240M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	UR	Product Family:	General Purpose
	CSA	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

Current @ Voltage:	30.000 A @ 460.0 V	Shaft Rotation:	Reversible
Design Code:	A	Shaft Slinger Indicator:	Shaft Slinger
Drip Cover:	No Drip Cover	Speed Code:	2S-2W-VT
Duty Rating:	CONT	Motor Standards:	NEMA
Electrically Isolated Bearing:	Not Electrically Isolated	Starting Method:	Direct on line
Enclosure Modification:	Severe Duty Features	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	M1729T											
SPEC.	12C051X260G1											
HP	25/11											
VOLTS	460											
AMP	30/18											
RPM	1760/1160											
FRAME	324T				HZ		60			PH	3	
SER.F.	1.15				CODE	H	DES		A	CLASS		F
NEMA-NOM-EFF						PF						
RATING	40C AMB-CONT											
CC				USABLE AT 208V								
DE	6312				ODE		6311					
ENCL	TEFC		SN									

AC Induction Motor Performance Data

Record # 36416

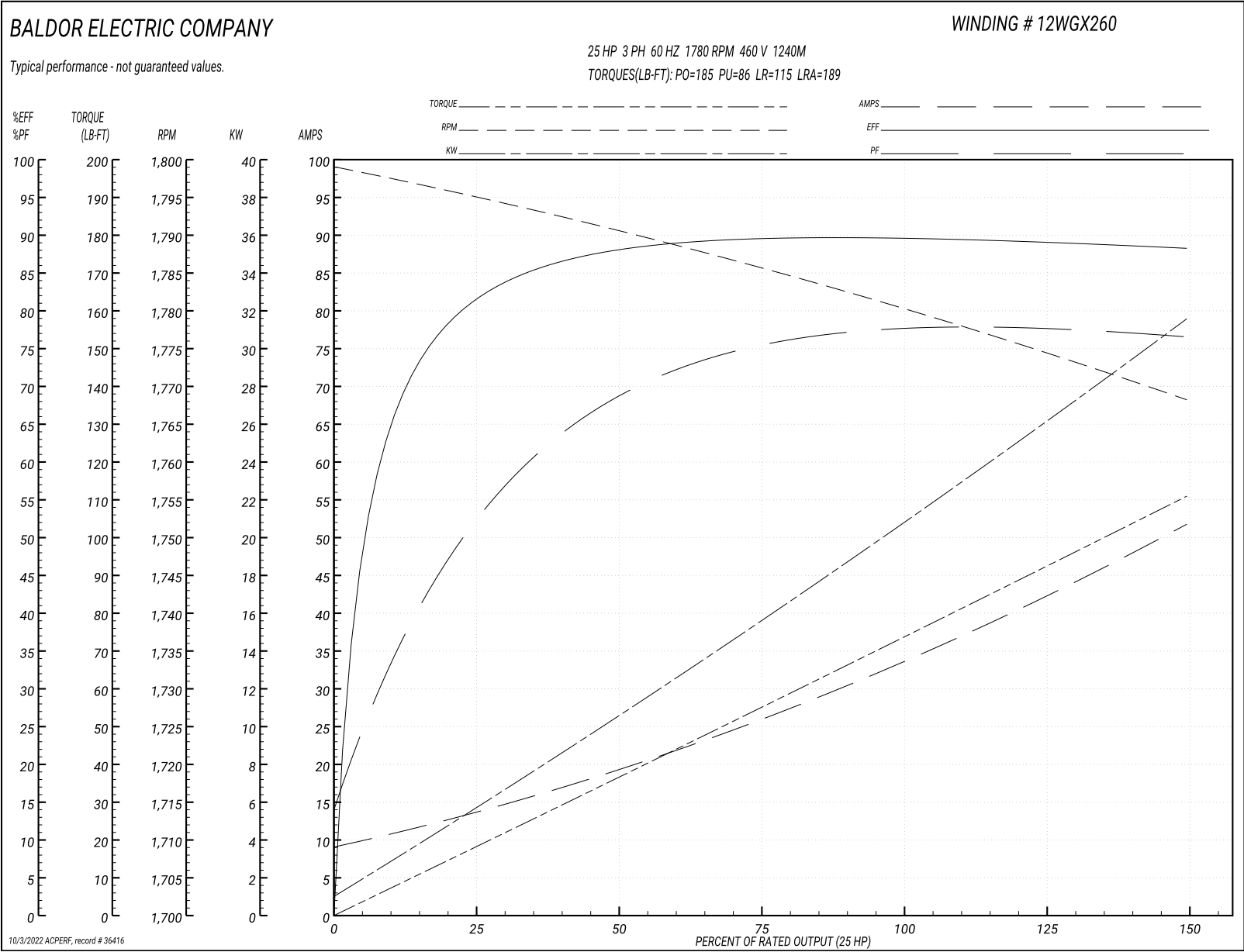
Typical performance - not guaranteed values

Winding: 12WGX260-R002			Type: 1240M		Enclosure: TEFC			
Nameplate Data			460 V, 60 Hz: High Speed Connection					
Rated Output (HP)		25/11	Full Load Torque		74 LB-FT			
Volts		460	Start Configuration		direct on line			
Full Load Amps		30/18	Breakdown Torque		185 LB-FT			
R.P.M.		1760/1160	Pull-up Torque		86 LB-FT			
Hz	60	Phase	3	Locked-rotor Torque		115 LB-FT		
NEMA Design Code		B	KVA Code	H	Starting Current		189 A	
Service Factor (S.F.)		1.15	No-load Current		10.9 A			
NEMA Nom. Eff.		0	Power Factor		0	Line-line Res. @ 25°C		0.597 Ω
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		71°C		
S.F. Amps				Temp. Rise @ S.F. Load		83°C		

Load Characteristics 460 V, 60 Hz, 25 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	55	76	84	87	58	90	70
Efficiency	81.1	87.6	89.4	89.8	89.5	88	89.6
Speed	1795	1791	1785	1780	1775	1768	1777
Line amperes	13.2	17.7	23.4	30	56.7	44.3	46

Performance Graph at 460V, 60Hz, 25.0HP Typical performance - Not guaranteed values



AC Induction Motor Performance Data

Record # 36417

Typical performance - not guaranteed values

Winding: 12WGX260-R002			Type: 1240M		Enclosure: TEFC			
Nameplate Data			460 V, 60 Hz: Low Speed Connection					
Rated Output (HP)		25/11	Full Load Torque		50 LB-FT			
Volts		460	Start Configuration		direct on line			
Full Load Amps		30/18	Breakdown Torque		143 LB-FT			
R.P.M.		1760/1160	Pull-up Torque		50 LB-FT			
Hz	60	Phase	3	Locked-rotor Torque		75 LB-FT		
NEMA Design Code		B	KVA Code	H	Starting Current		96 A	
Service Factor (S.F.)		1.15	No-load Current		12.3 A			
NEMA Nom. Eff.		0	Power Factor		0	Line-line Res. @ 25°C		0.921 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		55°C	
S.F. Amps			Temp. Rise @ S.F. Load		63°C			

Load Characteristics 460 V, 60 Hz, 11 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	24	43	57	66	74	78	71
Efficiency	83.7	87.1	88.5	89.1	89.1	88.9	89.1
Speed	1197	1196	1193	1191	1188	1186	1189
Line amperes	13.3	14.3	15.9	18	20	23	19.2

Performance Graph at 460V, 60Hz, 11.0HP Typical performance - Not guaranteed values

