

ABB BALDOR RELIANCE III

Customer information packet

M1729T

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

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	324T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	25.000 HP @ 60 HZ 11.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	UR CSA
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	30.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	18.0 a
Insulation Class	F
Inverter Code	Not Inverter

Part Detail

Revision	Y
Type	AC
Mech. spec.	12C51
Base	
Status	PRD/A
Elec. spec.	12WGX260
Layout	12LYC051
Eff. date	01-14-2025
CD Diagram	CD0013
Poles	04/06
Leads	6#10
Proprietary	False
Created date	01-01-0001

KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 10 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1240M
Mounting Arrangement	F1
Number of Poles	4
	6
Overall Length	30.28 IN
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	2.125 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1160 rpm
	1760 rpm
Speed Code	2S-2W-VT
Starting Method	Direct on line
Thermal Device - Bearing	NONE (OLD)
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
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									
DE	6312		ODE	6311					
ENCL	TEFC	SN							

Accessories

Part number	Description	Multiplier
12-1105	C FACE KIT	A8
12EP1501A03SP	D-FLANGE KIT	A8

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	Starting Current		189 A
Service Factor (S.F.)		1.15		No-load Current		10.9 A
NEMA Nom. Eff.		0	Power Factor	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

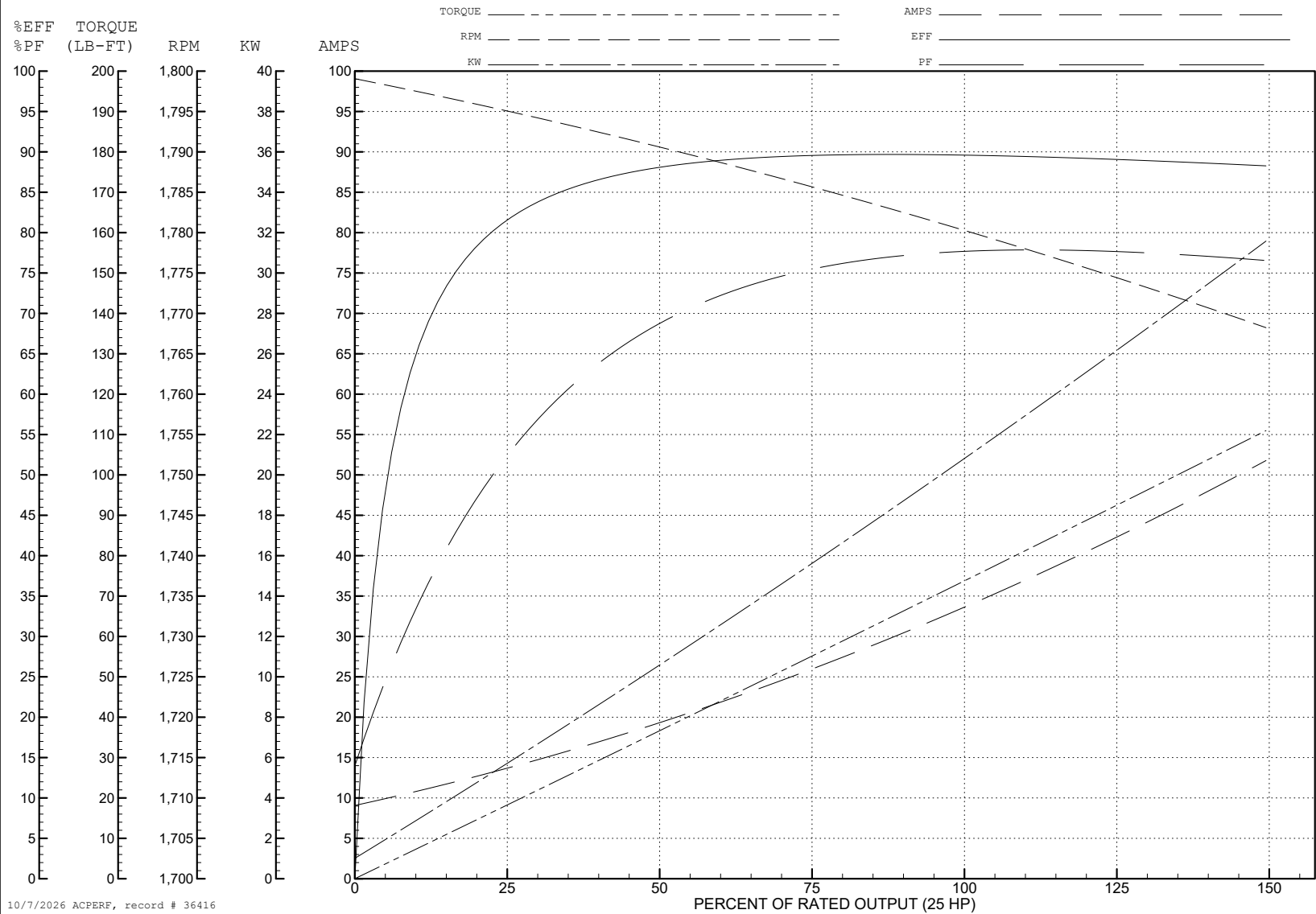
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WINDING # 12WGX260

Typical performance - not guaranteed values.

25 HP 3 PH 60 HZ 1780 RPM 460 V 1240M

TORQUES (LB-FT): PO=185 PU=86 LR=115 LRA=189



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	Locked-rotor Torque	75 LB-FT
NEMA Design Code	B KVA Code	Starting Current	96 A
Service Factor (S.F.)	1.15	No-load Current	12.3 A
NEMA Nom. Eff.	0 Power Factor	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

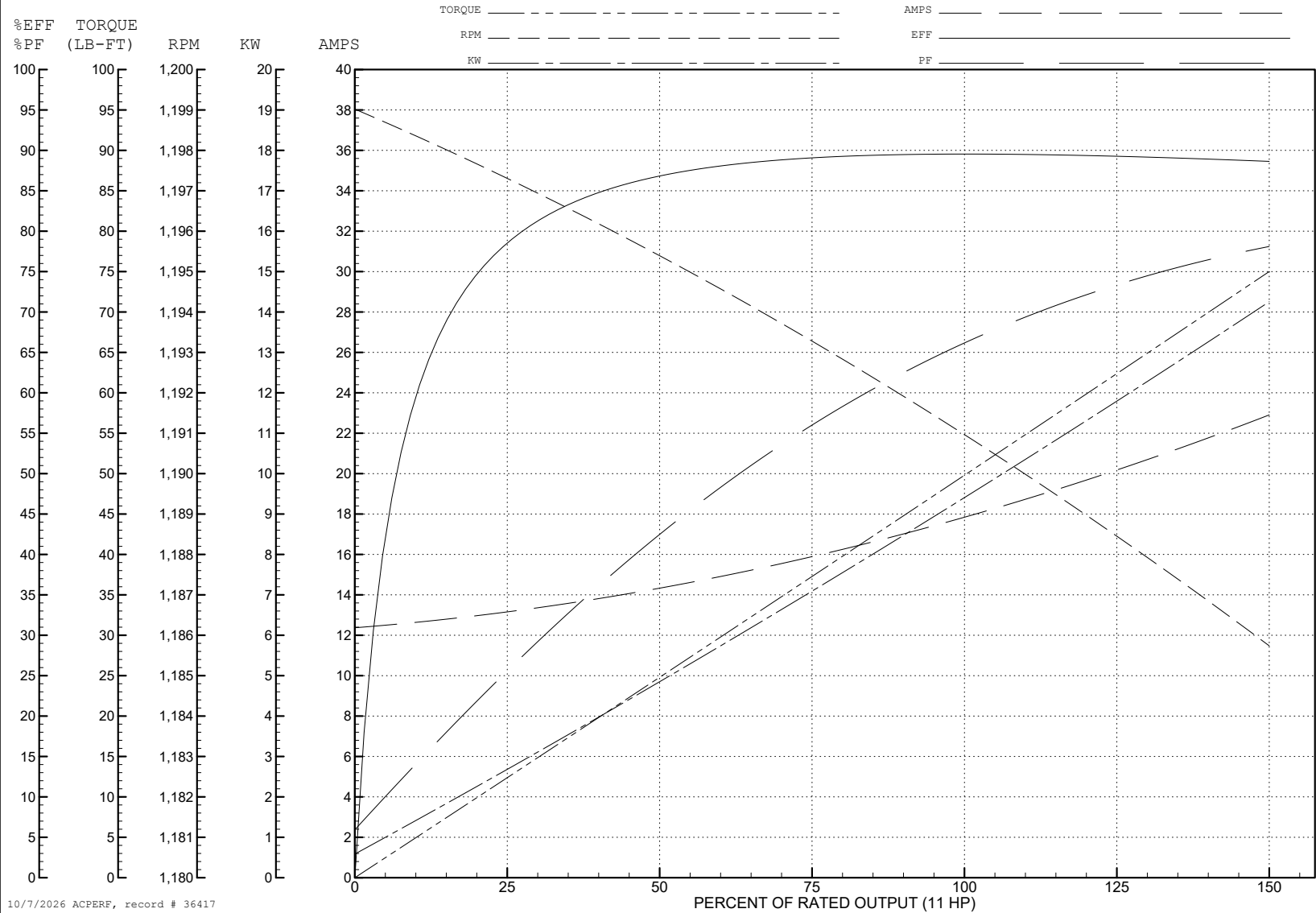
ABB Motors and Mechanical Inc.

WINDING # 12WGX260

Typical performance - not guaranteed values.

11 HP 3 PH 60 HZ 1191 RPM 460 V 1240M

TORQUES (LB-FT) : PO=143 PU=50 LR=75 LRA=96



10/7/2026 ACPERF, record # 36417

