

BALDOR® • *RELIANCE*

Product Information Packet

CSSEWDM3555T

2HP,3450RPM,3PH,60HZ,143TC,3532M,TEFC,F1

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGR129	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	35Z202	Layout:	35LYZ202	Poles:	02	Created Date:	11-24-2015
Base:	RG	Eff. Date:	03-28-2017	Leads:	9#18 15" LEAD LENGTH,0#0 Dbl Dip & Bake,0#0 Phase InsulaY		

Specs			
Catalog Number:	CSSEWDM3555T	Inverter Code:	Inverter Ready
Enclosure:	TEFC	KVA Code:	N
Frame:	143TC	Lifting Lugs:	No Lifting Lugs
Frame Material:	Stainless Steel	Locked Bearing Indicator:	Locked Bearing
Output @ Frequency:	2.000 HP @ 60 HZ	Motor Finish:	UNPAINTED
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	@ 0 AWG
Voltage @ Frequency:	460.0 V @ 60 HZ		9 @ 18 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Not Applicable	Motor Type:	3532M
Agency Approvals:	CSA	Mounting Arrangement:	F1
	UR	Power Factor:	85
Auxillary Box:	No Auxillary Box	Product Family:	Washdown All Stainless
Auxillary Box Lead Termination:	None	Pulley End Bearing Type:	Sealed Bearing
Base Indicator:	Rigid	Pulley Face Code:	C-Face
Bearing Grease Type:	Polyrex EM (-20F +300F)	Pulley Shaft Indicator:	Standard
Blower:	None	Rodent Screen:	None
Current @ Voltage:	2.500 A @ 460.0 V	RoHS Status:	ROHS COMPLIANT

	5.000 A @ 230.0 V	Shaft Extension Location:	Pulley End
	5.400 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
Design Code:	B	Shaft Rotation:	Reversible
Drip Cover:	No Drip Cover	Shaft Slinger Indicator:	No Slinger
Duty Rating:	CONT	Speed Code:	Single Speed
Electrically Isolated Bearing:	Not Electrically Isolated	Motor Standards:	NEMA
Feedback Device:	NO FEEDBACK	Starting Method:	Direct on line
Front Face Code:	Standard	Thermal Device - Bearing:	None
Front Shaft Indicator:	None	Thermal Device - Winding:	None
Heater Indicator:	No Heater	Vibration Sensor Indicator:	No Vibration Sensor
Insulation Class:	H	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP1953A01										
CAT.NO.	CSSEWDM3555T									
SPEC.	35Z202R129G1									
HP	2									
VOLTS	230/460									
AMP	5/2.5									
RPM	3450									
FRAME	143TC				HZ	60			PH	3
SER.F.	1.15		CODE	N	DES	B		CLASS	H	
NEMA-NOM-EFF	86.5			PF	85					
RATING	40C AMB-CONT									
CC	010A				USABLE AT 208V	5.4				
DE	6205			ODE	6205					
ENCL	TEFC		SN							

AC Induction Motor Performance Data

Record # 57369 - Typical performance - not guaranteed values

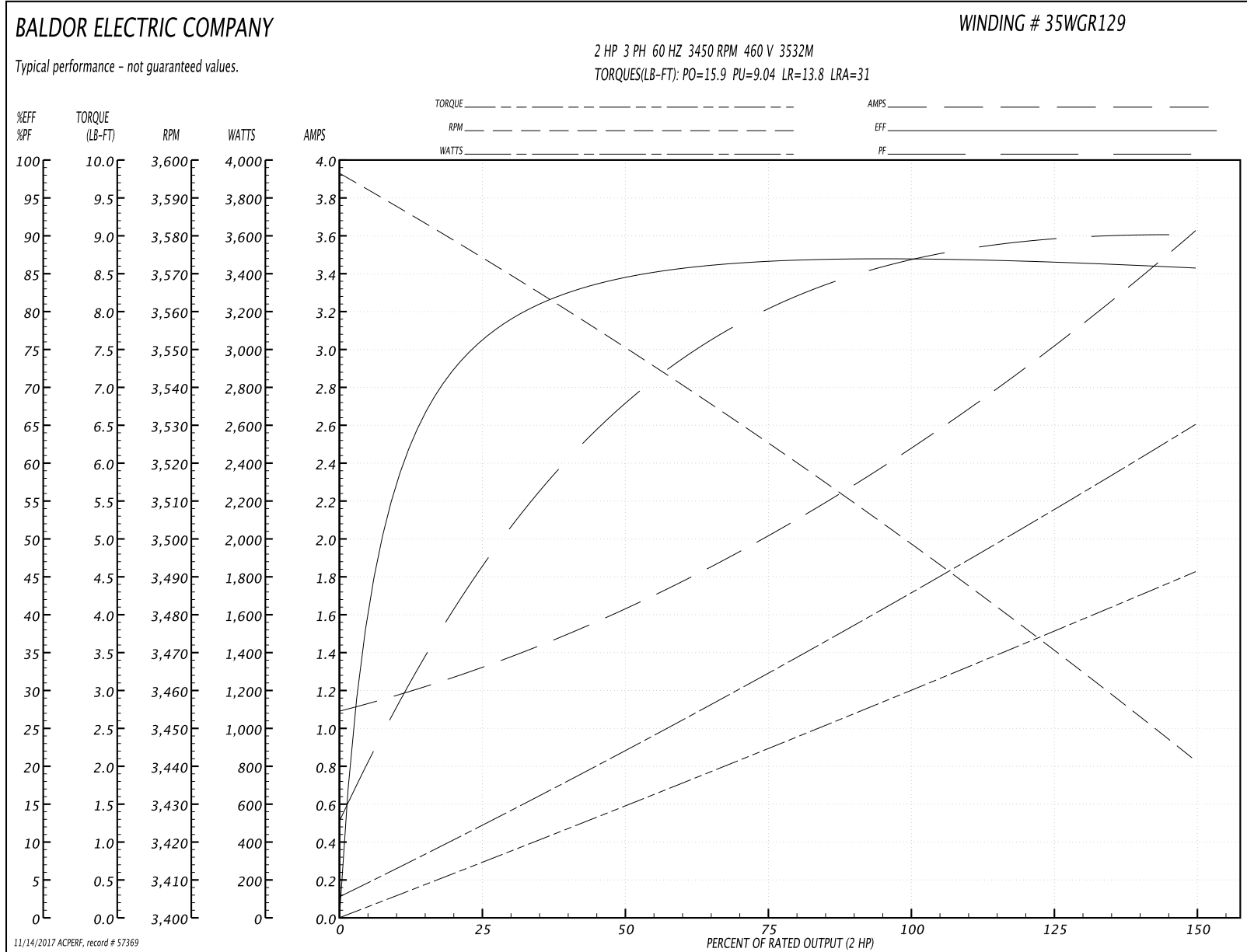
Winding: 35WGR129-R013	Type: 3532M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	2.99 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	5/2.5			Breakdown Torque	15.9 LB-FT
R.P.M.	3450			Pull-up Torque	9.04 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	13.8 LB-FT
NEMA Design Code	B	KVA Code	N	Starting Current	31 A
Service Factor (S.F.)	1.15			No-load Current	1.13 A
NEMA Nom. Eff.	86.5	Power Factor	85	Line-line Res. @ 25°C	5.59 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	51°C
S.F. Amps				Temp. Rise @ S.F. Load	59°C
				Locked-rotor Power Factor	47.5
				Rotor inertia	0.0885 LB-FT ²

Load Characteristics 460 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	48	70	80	86	89	91	88
Efficiency	75.8	84.9	86.5	87.1	86.6	85.7	86.8
Speed	3574	3549	3525	3500	3471	3441	3483
Line amperes	1.27	1.62	2.03	2.5	3.04	3.6	2.82

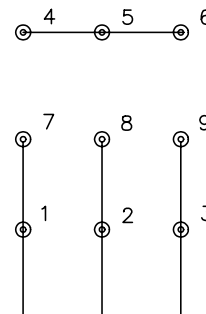
Performance Graph at 460V, 60Hz, 2.0HP Typical performance - Not guaranteed values



CD0005

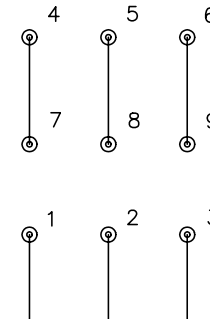


LOW VOLTAGE
(2Y)



LINE

HIGH VOLTAGE
(1Y)



LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
900003		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005