



Product Information Packet

CSSEWDM3542

.75HP,1760RPM,3PH,60HZ,56C,3522M,TENV,F1

Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGP564	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	35Z189	Layout:	35LYZ189	Poles:	04	Created Date:	08-01-2012
Base:	RG	Eff. Date:	12-14-2017	Leads:	9#18		

Specs			
Catalog Number:	CSSEWDM3542	Insulation Class:	H
Enclosure:	TENV	Inverter Code:	Inverter Ready
Frame:	56C	KVA Code:	N
Frame Material:	Stainless Steel	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.750 HP @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 18 AWG
Voltage @ Frequency:	208.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	460.0 V @ 60 HZ	Motor Type:	3522M
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	70
Agency Approvals:	UR	Product Family:	Washdown All Stainless
	CSA	Pulley End Bearing Type:	Sealed Bearing
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)	RoHS Status:	ROHS COMPLIANT
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	1.300 A @ 460.0 V	Shaft Ground Indicator:	No Shaft Grounding
	2.600 A @ 208.0 V	Shaft Rotation:	Reversible
	2.600 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	B	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	NONE (OLD)
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
Heater Indicator:	No Heater	Winding Thermal 2:	None

Nameplate NP1951A01

CAT.NO.	CSSEWDM3542										
SPEC.	35Z189P564G1										
HP	.75										
VOLTS	208-230/460										
AMP	2.6/1.3										
RPM	1760										
FRAME	56C					HZ	60				
SER.F.	1.15			CODE	N	DES			B	CLASS	PH 3
NEMA-NOM-EFF	84				PF	70					
RATING	40C AMB-CONT										
CC	USABLE AT 208V										
DE	6205					ODE	6205				
ENCL	TENV		SN								

Parts List		
Part Number	Description	Quantity
SA248755	SA 35Z189P564G1	1.000 EA
RA235623	RA 35Z189P564G1	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35FE1917A10	FREP TENV 205 BRG NO GRS 4X.125 NPT (SS)	1.000 EA
RM1070A25	O-RING, VITON/FKM .070CS X 6.190ID	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
35PE1916A05	PUEP 56C ENC 205 BRG 4X.125 NPT (SS)	1.000 EA
RM1070A25	O-RING, VITON/FKM .070CS X 6.190ID	1.000 EA
HW4600E99	25 X 42 X 6 AFX SEAL, GRAPHITE INFUSED V	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
RM1070A26	O-RING,4.5MM I.D.X1.5MM C.S. (VITON)	4.000 EA
36GS3008SP	WHITE NEOPREME KO BOX LID GASKET	1.000 EA
35CB4515	35 CB LID #304 STAINLESS STEEL	1.000 EA
59XN0832S07	8/32 X 7/16 HX WS HD SER X	4.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.005 QT
MJ5004A37	#76732 LOCTITE ANTISEIZE THRD COMPOUND	0.005 EA
HA5027A02	HA4054 T-DRAIN X2 BAGGED WITH LABEL	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
WD5603A01	KIT, CLOSED-END LEAD SPLICE (18-14GA)	1.000 EA
HA3100S09	THRUBOLT 9.25 LENGTH SS	4.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA
LB1561	INSTRUCTION TAG CLOSED-END SPLICE KIT AC	1.000 EA
HA5027A07	85XU1208S08 FACE DRAIN PINS BAGGED	1.000 EA

AC Induction Motor Performance Data

Record # 39345 - Typical performance - not guaranteed values

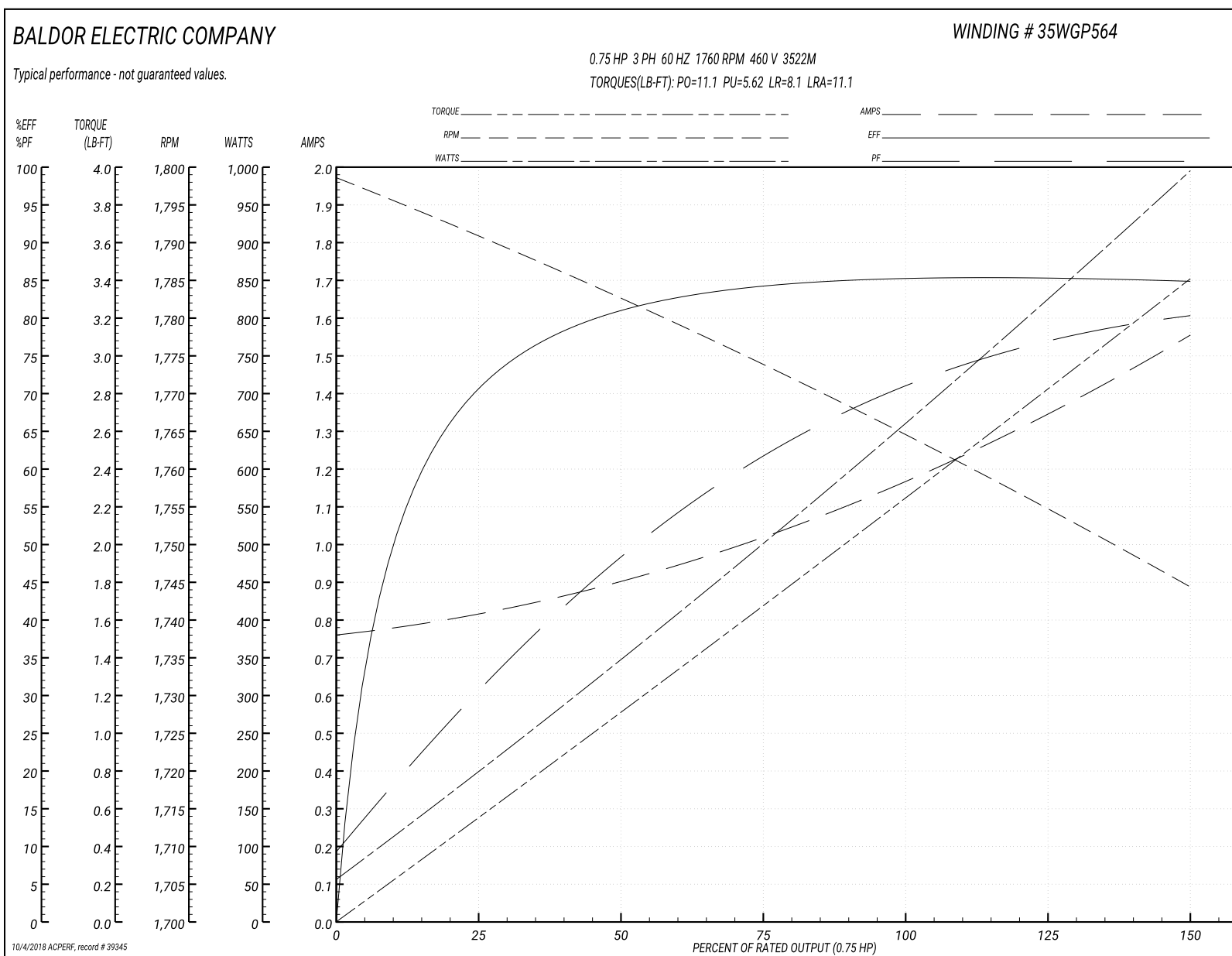
Winding: 35WGP564-R005	Type: 3522M	Enclosure: TENV
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	2.24 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	2.6/1.3			Breakdown Torque	11.1 LB-FT
R.P.M.	1760			Pull-up Torque	5.62 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	8.1 LB-FT
NEMA Design Code	B	KVA Code	N	Starting Current	11.1 A
Service Factor (S.F.)	1.15			No-load Current	0.774 A
NEMA Nom. Eff.	84	Power Factor	65	Line-line Res. @ 25°C	16 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	60°C
S.F. Amps				Temp. Rise @ S.F. Load	69°C
				Locked-rotor Power Factor	51.3
				Rotor inertia	0.13 LB-FT2

Load Characteristics 460 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	32	49	62	69	76	81	69
Efficiency	71.7	81	84.4	85.4	85.2	84.9	84.2
Speed	1790	1782	1774	1765	1755	1744	1752
Line amperes	0.808	0.891	1.01	1.19	1.36	1.54	1.39

Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values



10/4/2018 ACPERF, record # 39345

