



Product Information Packet

M7015

1//.75HP,1750//1450RPM,3PH,60//50HZ,182

Part Detail							
Revision:	M	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGP674	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	35M526	Layout:	35LYM526	Poles:	04	Created Date:	07-26-2010
Base:	RG	Eff. Date:	03-08-2016	Leads:	9#18		

Specs			
Catalog Number:	M7015	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	B
Frame:	182	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	M
Output @ Frequency:	.750 HP @ 50 HZ	Lifting Lugs:	No Lifting Lugs
	1.000 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 18 AWG
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	380.0 V @ 50 HZ	Motor Lead Termination:	Flying Leads
	230.0 V @ 60 HZ	Motor Type:	3516M
	190.0 V @ 50 HZ	Mounting Arrangement:	F1
XP Class and Group:	CLI GP D; CLII GP F,G	Power Factor:	73
XP Division:	Division I	Product Family:	General Purpose
Agency Approvals:	CSA	Pulley End Bearing Type:	Ball
	UL	Pulley Face Code:	Standard
Auxillary Box:	No Auxillary Box	Pulley Shaft Indicator:	Standard
Auxillary Box Lead Termination:	None	Rodent Screen:	None
Base Indicator:	RG	RoHS Status:	ROHS COMPLIANT

Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End
Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	3.200 A @ 230.0 V	Shaft Rotation:	Reversible
	3.000 A @ 190.0 V	Shaft Slinger Indicator:	No Slinger
	1.600 A @ 460.0 V	Speed Code:	Single Speed
	1.500 A @ 380.0 V	Motor Standards:	NEMA
Design Code:	B	Starting Method:	Direct on line
Drip Cover:	No Drip Cover	Thermal Device - Bearing:	None
Duty Rating:	CONT	Thermal Device - Winding:	Normally Closed Thermostat
Electrically Isolated Bearing:	Not Electrically Isolated	Vibration Sensor Indicator:	No Vibration Sensor
Feedback Device:	NO FEEDBACK	Winding Thermal 1:	None
Front Face Code:	Standard	Winding Thermal 2:	None
Front Shaft Indicator:	None	XP Temp Code:	T3C

Nameplate NP1426XPSLEV

NO.		CC	010A
SER.			
SPEC.	35M526P674H1		
CAT.NO.	M7015		
HP	1//.75	T. CODE	T3C
VOLTS	230/460//190/380		
AMPS	3.2/1.6//3/1.5		
RPM	1750//1450		
HZ	60//50	PH	3
SER.F.	1.00	DES	B
RATING	40C AMB-CONT	CL	B
FRAME	182	CODE	M
USABLE AT 208V		NEMA-NOM-EFF	82.5
BLANK		PF	73

Parts List		
Part Number	Description	Quantity
SA200340	SA 35M526P674H1	1.000 EA
RA187654	RA 35M526P674H1	1.000 EA
35CB3001A01SP	EXPL CONDUIT BOX, MACH, 1/2" PIPE TAP LE	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 EA
35EP3700A01SP	FR ENDPLATE, XPFC	1.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35EP3701A01	PU ENDPLATE, XPFC - 205 BRG	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A01SP	IEC FH NO GREASER W/PRIMED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	6.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
MG1025G29	WILKOFASST, 789.229, DARK CHARCOAL GRAY	0.017 GA
HA3104A08	THRUBOLT-5/16-18X9.375 X X	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1426XPSLEV	SS XP UL CSA-EEV CC CL-I GP-D	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA

AC Induction Motor Performance Data

Record # 32820 - Typical performance - not guaranteed values

Winding: 35WGP674-R003	Type: 3516M	Enclosure: XPFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1//.75			Full Load Torque	2.99 LB-FT
Volts	230/460//190/380			Start Configuration	direct on line
Full Load Amps	3.2/1.6//3/1.5			Breakdown Torque	17.8 LB-FT
R.P.M.	1750//1450			Pull-up Torque	8.32 LB-FT
Hz	60//50	Phase	3	Locked-rotor Torque	10.4 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	13.2 A
Service Factor (S.F.)	1			No-load Current	1.04 A
NEMA Nom. Eff.	82.5	Power Factor	73	Line-line Res. @ 25°C	16.3 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	41°C
				Locked-rotor Power Factor	63
				Rotor inertia	0.0946 LB-FT ²

Load Characteristics 460 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	32	50	63	72	79	83
Efficiency	66.6	78	81.4	82.6	82.5	81.6
Speed	1788	1776	1764	1750	1735	1719
Line amperes	1.11	1.2	1.36	1.56	1.77	2.06

Performance Graph at 460V, 60Hz, 1.0HP Typical performance - Not guaranteed values

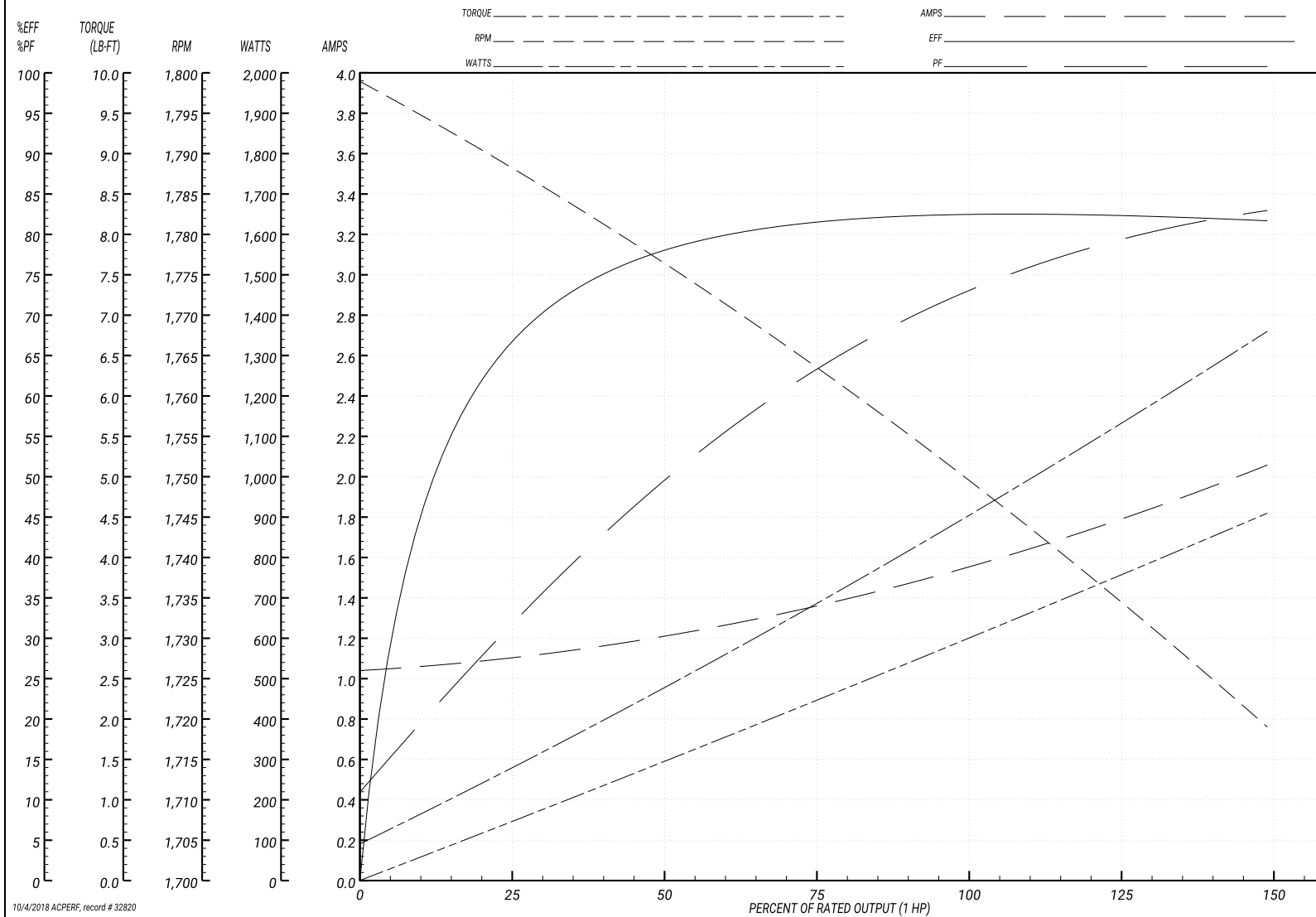
BALDOR ELECTRIC COMPANY

WINDING # 35WGP674

Typical performance - not guaranteed values.

1 HP 3 PH 60 HZ 1750 RPM 460 V 3516M

TORQUES(LB-FT): PO=17.8 PU=8.32 LR=10.4 LRA=13.2



AC Induction Motor Performance Data

Record # 32821 - Typical performance - not guaranteed values

Winding: 35WGP674-R003	Type: 3516M	Enclosure: XPFC
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Nameplate Data				380 V, 50 Hz: High Voltage Connection	
Rated Output (HP)	1//.75			Full Load Torque	2.7 LB-FT
Volts	230/460//190/380			Start Configuration	direct on line
Full Load Amps	3.2/1.6//3/1.5			Breakdown Torque	16 LB-FT
R.P.M.	1750//1450			Pull-up Torque	8.1 LB-FT
Hz	60//50	Phase	3	Locked-rotor Torque	10.1 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	12.1 A
Service Factor (S.F.)	1			No-load Current	1.02 A
NEMA Nom. Eff.	82.5	Power Factor	73	Line-line Res. @ 25°C	16.3 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	37°C
				Locked-rotor Power Factor	69
				Rotor inertia	0.0946 LB-FT ²

Load Characteristics 380 V, 50 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	31	48	61	71	78	82
Efficiency	64.3	76.4	80.2	81.5	81.4	80.3
Speed	1489	1478	1467	1454	1440	1426
Line amperes	1.08	1.16	1.29	1.47	1.66	1.92

Performance Graph at 380V, 50Hz, 0.75HP Typical performance - Not guaranteed values

