

BALDOR® • *RELIANCE*

Product Information Packet

M1218

.5/.22HP, 1725/1140RPM, 3PH, 60HZ, 56, 3520M

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Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3520M	Elec. Spec:	35WGY623	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35B011	Layout:	
Frame:	56	Mounting:	F1	Poles:	04/06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	10-24-2011
Leads:	6#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	M1218								
SPEC.	35B11Y623G1								
HP	.5/.22								
VOLTS	460								
AMP	.9/.6								
RPM	1725/1140								
FRAME	56	HZ	60	PH	3				
SER.F.	1.15	CODE	H	DES	B	CLASS	B		
NEMA-NOM-EFF	78	PF	72						
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6205	ODE	6203						
ENCL	OPEN	SN							

Parts List		
Part Number	Description	Quantity
SA023498	SA 35B11Y623G1	1.000 EA
RA019548	RA 35B11Y623G1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007	35 CB CASTING W/.88 DIA. LEAD HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3201A03	STD FR EP OPEN-203BRG-35L OR M FRAME--LE	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3200A02	STD PU ENDPLATE-OPEN-205 BRG	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
HA3100A15	THRUBOLT 10-32 X 8.375	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0013	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA

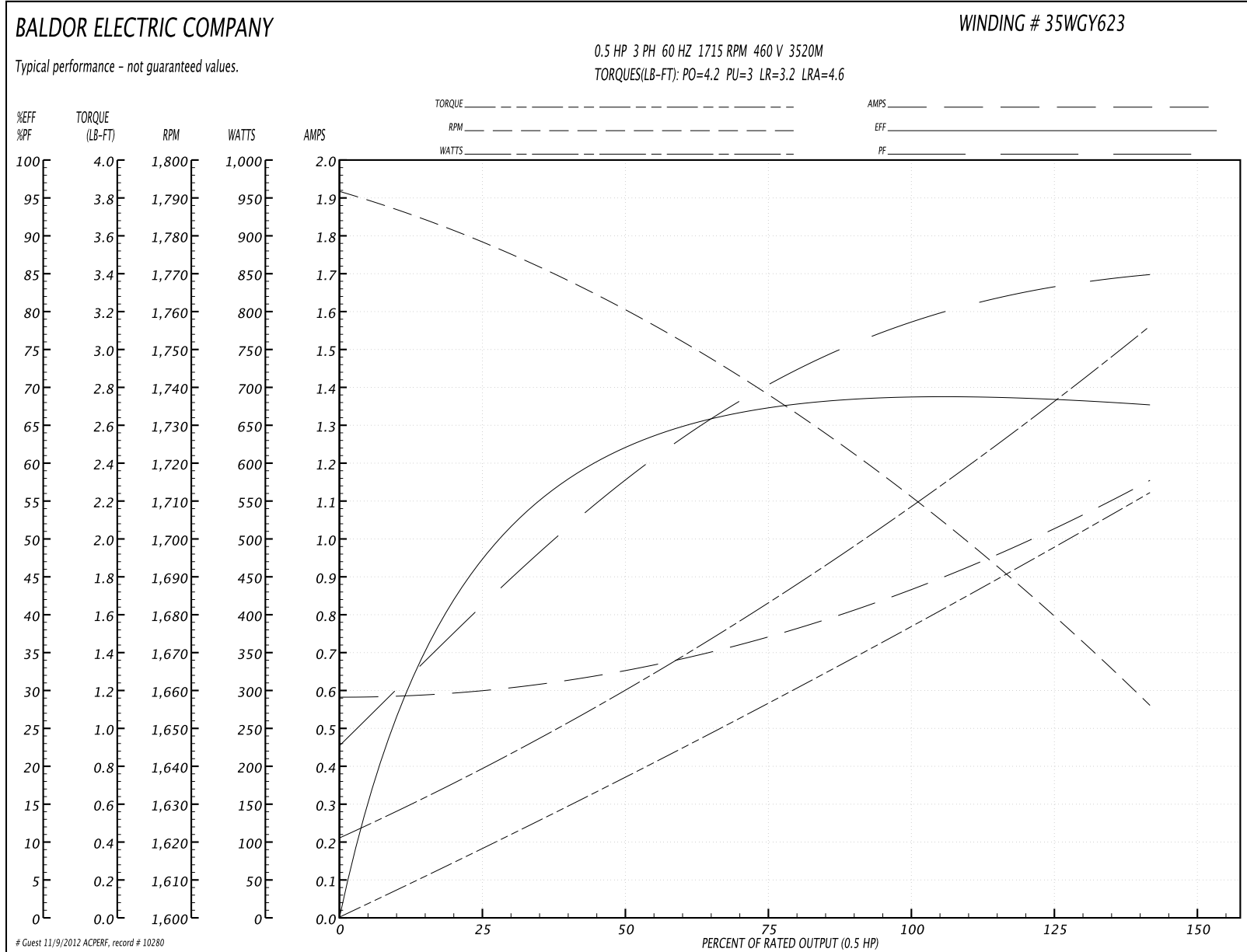
Accessories		
Part Number	Description	Multiplier
35-8764	C FACE KIT	A8
35EP1604A01SP	D-FLANGE KIT	A8

Performance Data at 460V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	1.5 LB-FT	Start Configuration:	DOL
No-Load Current:	0.58 Amps	Break-Down Torque:	4.2 LB-FT
Line-line Res. @ 25°C.:	62.3 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	3.0 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	3.2 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	4.6 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	41.0	58.0	71.0	80.0	86.0	90.0	0.0
Efficiency:	46.8	61.4	67.2	69.2	69.0	67.3	0.0
Speed:	1777.0	1759.0	1738.0	1715.0	1688.0	1654.0	0.0
Line Amperes:	0.6	0.66	0.74	0.85	0.99	1.16	0.0

Performance Graph at 460V, 60Hz, 0.5HP Typical performance - Not guaranteed values



Performance Data at 460V, 60Hz, 0.22HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	1.0 LB-FT	Start Configuration:	DOL
No-Load Current:	0.52 Amps	Break-Down Torque:	3.1 LB-FT
Line-line Res. @ 25°C.:	120.0 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	1.8 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	2.2 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	2.4 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	34.0	44.0	53.0	62.0	69.0	75.0	0.0
Efficiency:	29.3	44.6	53.2	58.2	60.8	61.9	0.0
Speed:	1187.0	1178.0	1168.0	1156.0	1144.0	1129.0	0.0
Line Amperes:	0.52	0.53	0.55	0.58	0.61	0.66	0.0

Performance Graph at 460V, 60Hz, 0.22HP Typical performance - Not guaranteed values

