

PRODUCT INFORMATION PACKET

Model No: 056B17F5319

Catalog No: K319

2 HP Pressure Washers Motor, 1 phase, 1800 RPM, 115/230 V, 56HC Frame, TEFC
Pressure Washer Motors





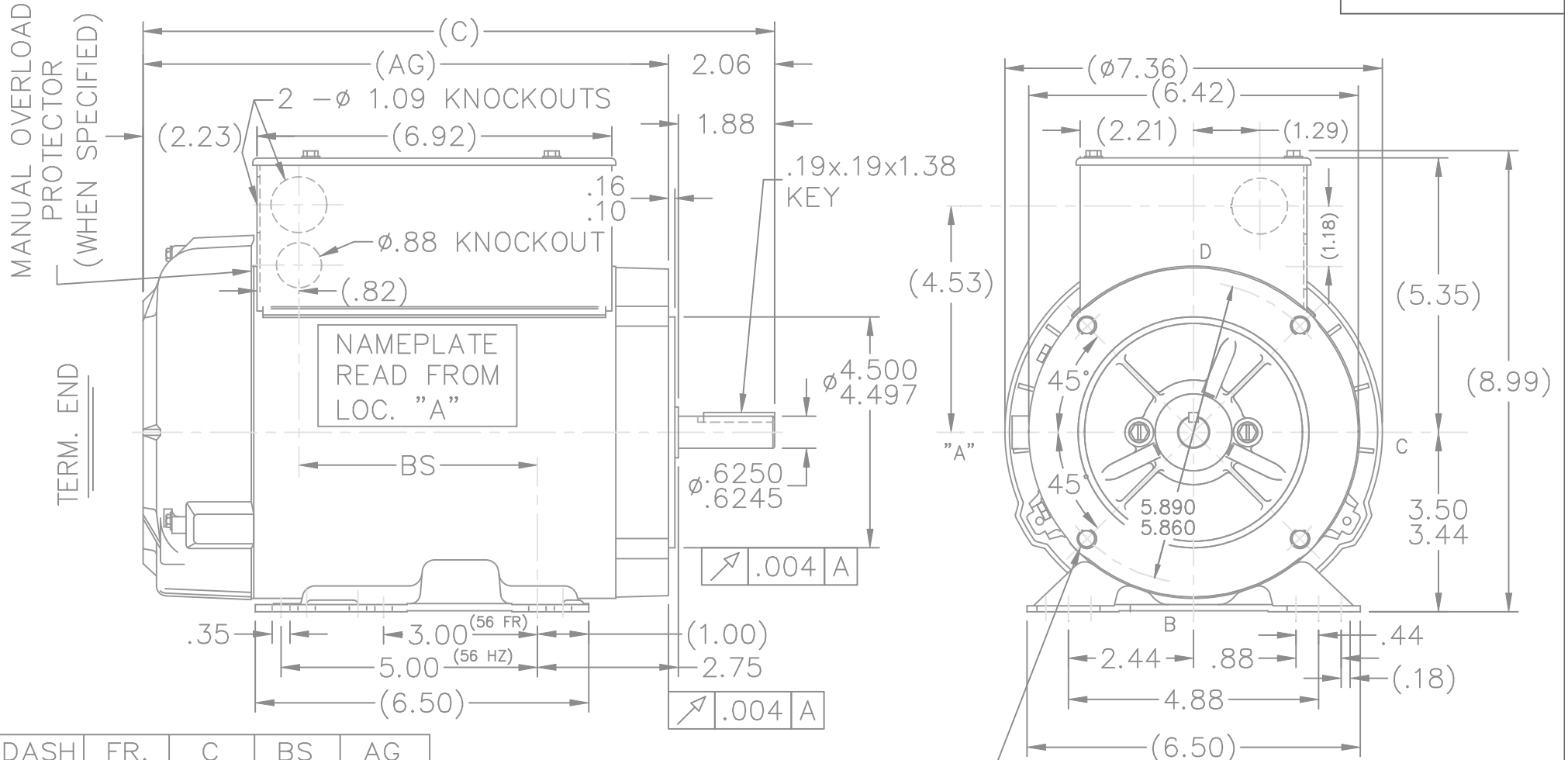
Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/230 V
Current	18.8/9.4 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	81.5 %	Power Factor	86.1
Duty	Continuous	Insulation Class	F
Design Code	No Design Code	KVA Code	J
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized (Not Protector)	CSA	Y
CE	Y	IP Code	43

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	14.82 in
Frame Length	9.56 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F3
Connection Drawing	A-102006-52	Outline Drawing	A-100177-956

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3/8-16 UNC-2B
.56 MIN. FULL
THD 4 HOLES

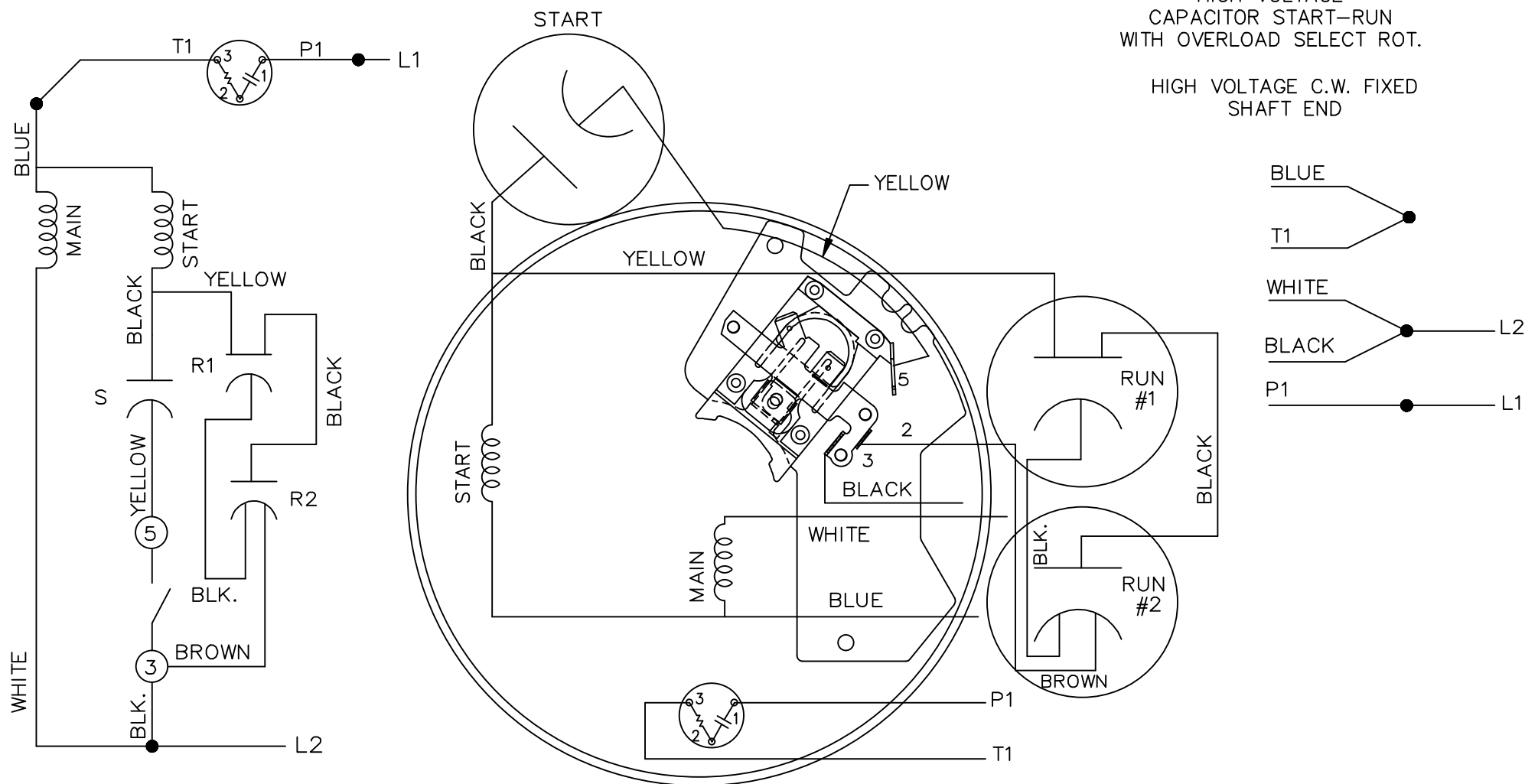
DASH	FR.	C	BS	AG
806	56-80	13.32	5.64	11.25
856	56-85	13.82	6.14	11.75
956	56-95	14.82	7.14	12.75
1006	56-100	15.32	7.64	13.25


			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN KL 02-08-1994	
			DEC.	INCHES		CHK ML 02-10-1994	APPD ET 02-15-1994
6	REDRAWN IN AUTOCAD	TAT 06-24-2005	DRS	.XX	\pm .03	TITLE OUTLINE	SCALE 11=32
5	KEY WAS .19X.19.1.25 CN 18128	MRB 07-14-1994		.XXX	\pm .005	56TC FR. - TEFC	REF
4	REDRAWN ON CADD - NO CHANGES 4115448	KL 02-15-1994		.XXXX	\pm .0005	MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG	\pm '30"	FINISH	PREV
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT		RFP			CAD FILE 100177	SIZE A
			DIST WP				DRAWING NO. 100177
							PAGE OF 6
							REV. 6

HIGH VOLTAGE C.W. SHAFT END

HIGH VOLTAGE
CAPACITOR START-RUN
WITH OVERLOAD SELECT ROT.

HIGH VOLTAGE C.W. FIXED
SHAFT END



				TOLERANCES UNLESS SPECIFIED		 Dayton Electric Mfg. Co. Lake Forest IL 60045 USA	DRAWN UD 04/10/2012		
				DEC.	INCHES		CHK AB 04/10/2012		
				.X	±.1	TITLE CONNECTION DIAGRAM	APPD SKM 04/10/2012	SCALE 5=8	
				.XX	±.02		REF 4UX55BA-WD		
				.XXX	±.005		FMF MU107464		
				.XXXX	±.0005		PREV		
NO.	REVISION	BY & DATE	CHK ANG ±7'30"	FINISH					
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				DIST WP					



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460 Volts
60 HZ
1.5 HP

HP 1.50

PHASE 1

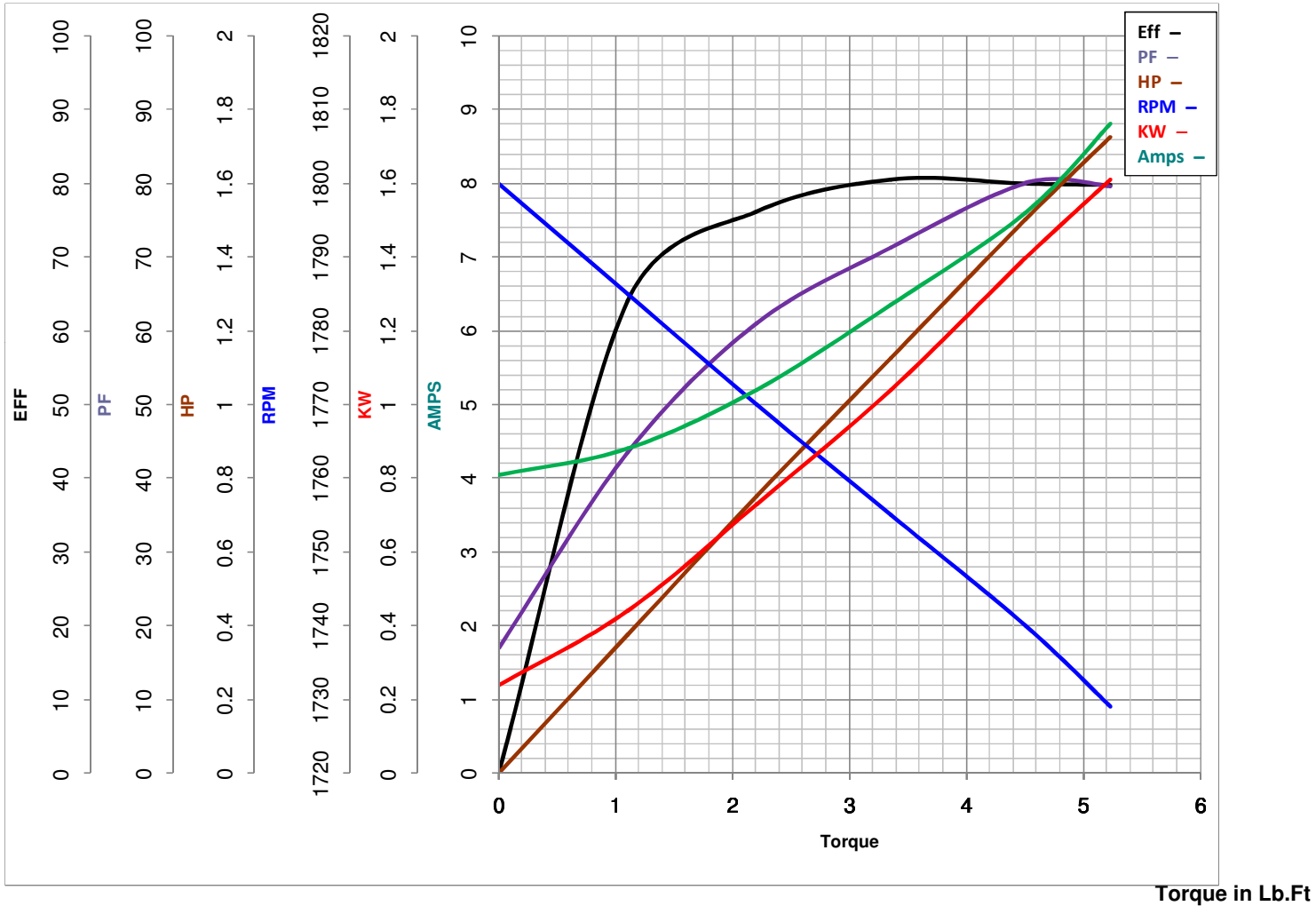
Model No 56B17F5324

VOLTS 115/208-230

Catalog No X902

HZ 60

RPM 1725



FL TORQUE	<u>4.51</u>	Lb.Ft	FL AMPS	<u>15.2/8.2-7.6</u>
BD TORQUE	<u>12.4</u>	Lb.Ft	PU TORQUE	<u>12.6</u> Lb.Ft
LR TORQUE	<u>14.8</u>	Lb.Ft	LR AMPS	<u>53.8</u>
WINDING	ZB406-3		Date	1/17/2019