



Customer information packet

6-2978-2963

15HP, 3450RPM, 3PH, 60HZ, 6260M, TEFC, F1

Specifications

Enclosure	TEFC
Frame Material	Iron
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	15.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ 230.0 V @ 60 HZ 208.0 V @ 60 HZ
Agency Approvals	CCSA US CE CSA CSA EEV UL UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	36.000 A @ 208.0 V 34.000 A @ 230.0 V 17.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	15 MIN
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None

Part detail

Revision	AC
Type	AC
Mech. spec.	6-2978
Base	
Status	NLA/A
Elec. spec.	06WG2963
Layout	06LY2978
Eff. date	07-08-2022
CD Diagram	CD0005
Poles	02
Leads	9#14
Proprietary	False
Created date	01-01-0001

Heater Indicator	No Heater
High Voltage Full Load Amps	17.0 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	J
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 14 AWG
Motor Lead Termination	Flying Leads
Motor Standards	Other
Motor Type	6260M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	18.47 IN
Product Family	Arbor Saw
Pulley End Bearing Type	Double Row Angular Contact
Pulley Face Code	Standard
Pulley Shaft Indicator	Key Only (When Non-STD)
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.00
Shaft Diameter	1.500 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3450 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None

Winding Thermal 2

None

Nameplate

NP1264L									
CAT.NO.									
SPEC.	6-2978-2963								
HP	15 SAW DUTY								
VOLTS	208-230/460								
AMP	36-34/17								
RPM	3450								
FRAME				HZ	60		PH	3	
SER.F.	1.00	CODE	J	DES	A	CL	F		
NEMA-NOM-EFF			PF						
RATING	40C AMB-INT. DUTY 15 MIN								
CC									
DE	5208		ODE	6205					
ENCL	TEFC	SN							

Parts list

Part number	Description	Quantity
SA080100	SA 6-2978-2963	1.000 ea
RA073510	RA 6-2978-2963	1.000 ea
36CB3000A17	CONDUIT BOX, MACH	1.000 ea
35GS1022A02	GASKET BOX .06 THK NEOP BLK HDN 30-40 DU	1.000 ea
WD4100A05	DP-1093 HEYCO PLUG OR 62MP1093 MICOR PL	1.000 ea
51XN1032A08	10-32 X 0.500 HX WS SL SR ZN	2.000 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
HW1003A10	WASHER, #10 EX TH LK, ZN X	1.000 ea
06EP1102A01	FR ENDPLATE, MACH	1.000 ea
HW4500A20	1/8NPT SL PIPE PLUG	1.000 ea
84XN2520J36	1/4 20 X 2 1/4 SOCK HD CAP	4.000 ea
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 ea
06FN2001A01SP	EXTERNAL FAN, MACH	1.000 ea
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 ea
06EP1101A02	PU ENDPLATE, MACH	1.000 ea
HW4500A20	1/8NPT SL PIPE PLUG	1.000 ea
84XN2520J28	1/4-20X 1 3/4 HEX SOCKET HEAD CAP	4.000 ea
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 ea
84XN2520J40	1/4-20 X 2 1/2 SOC HD CAP SCREW	4.000 ea
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 ea
80XN2520J06	1/4-20 X 3/8 SET SCREW	1.000 ea
36FH4500A06	DRIP/FAN COVER, W/PRIMER	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 ea
35CB4514GX	CONDUIT BOX LID KIT	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 ea
HW2500A11	KEY, WOODRUFF # 405	1.000 ea
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 ea
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 lb
MG1000G27	MED CHARCOAL METALLIC GREY	0.015 ga
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 ea

LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 ea
MN416A01	TAG-INSTAL-MAINT no wire (2400 bx)4/22	1.000 ea
NP1264L	NP ALUM, W/O CSA OR UL, LASER ETCHED	1.000 ea
37PA1074	PALLET PACK GRP, PRINT BOX PK1026A06	1.000 ea
PK3082	STYROFOAM CRADLE	1.000 ea
PK3085X	FOAM SHAFT SUPPORT PRECUT 4-1/4 X 6-3/4	1.000 ea

AC Induction Motor Performance Data

Record # 50628

Typical performance - not guaranteed values

Winding: 06WG2963-R007			Type: 6260M		Enclosure: TEFC		
Nameplate Data				460 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		15 SAW DUTY		Full Load Torque		22.8 LB-FT	
Volts		208-230/460		Start Configuration		direct on line	
Full Load Amps		36-34/17		Breakdown Torque		96 LB-FT	
R.P.M.		3450		Pull-up Torque		53 LB-FT	
Hz	60	Phase	3	Locked-rotor Torque		74 LB-FT	
NEMA Design Code		A	KVA Code	J	Starting Current		129 A
Service Factor (S.F.)				1	No-load Current		3.7 A
NEMA Nom. Eff.		0	Power Factor	0	Line-line Res. @ 25°C		1.1 Ω
Rating - Duty		40C AMB-15 MIN		Temp. Rise @ Rated Load		95°C	
				Locked-rotor Power Factor		54	
				Rotor inertia		0.27 LB-FT2	

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	81	90	90	94	94	97
Efficiency	78.2	86.8	86.5	86.2	84.3	80.9
Speed	3562	3530	3489	3454	3410	3363
Line amperes	5.7	9.2	13.6	17.3	21.9	26.1

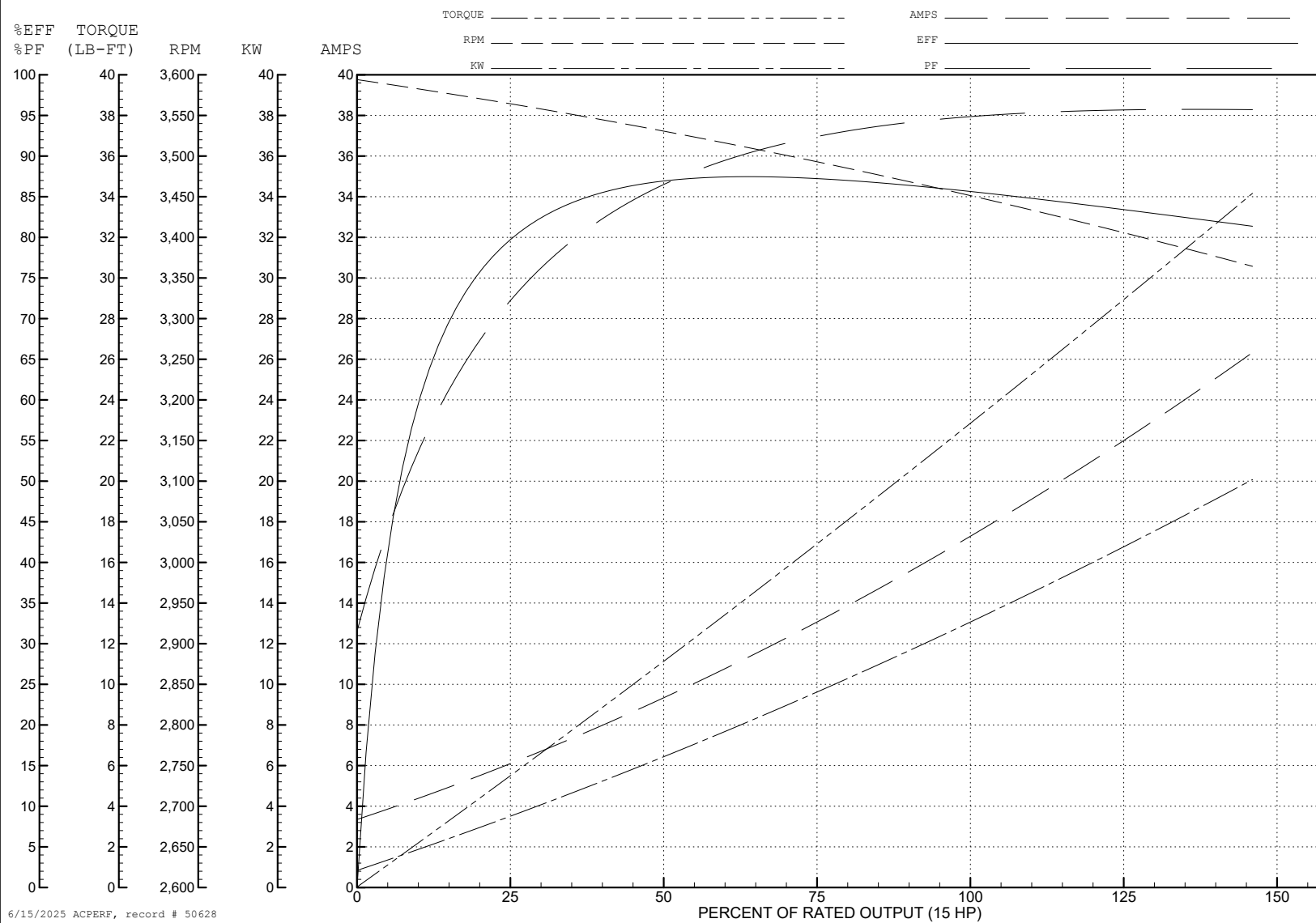
ABB Motors and Mechanical Inc.

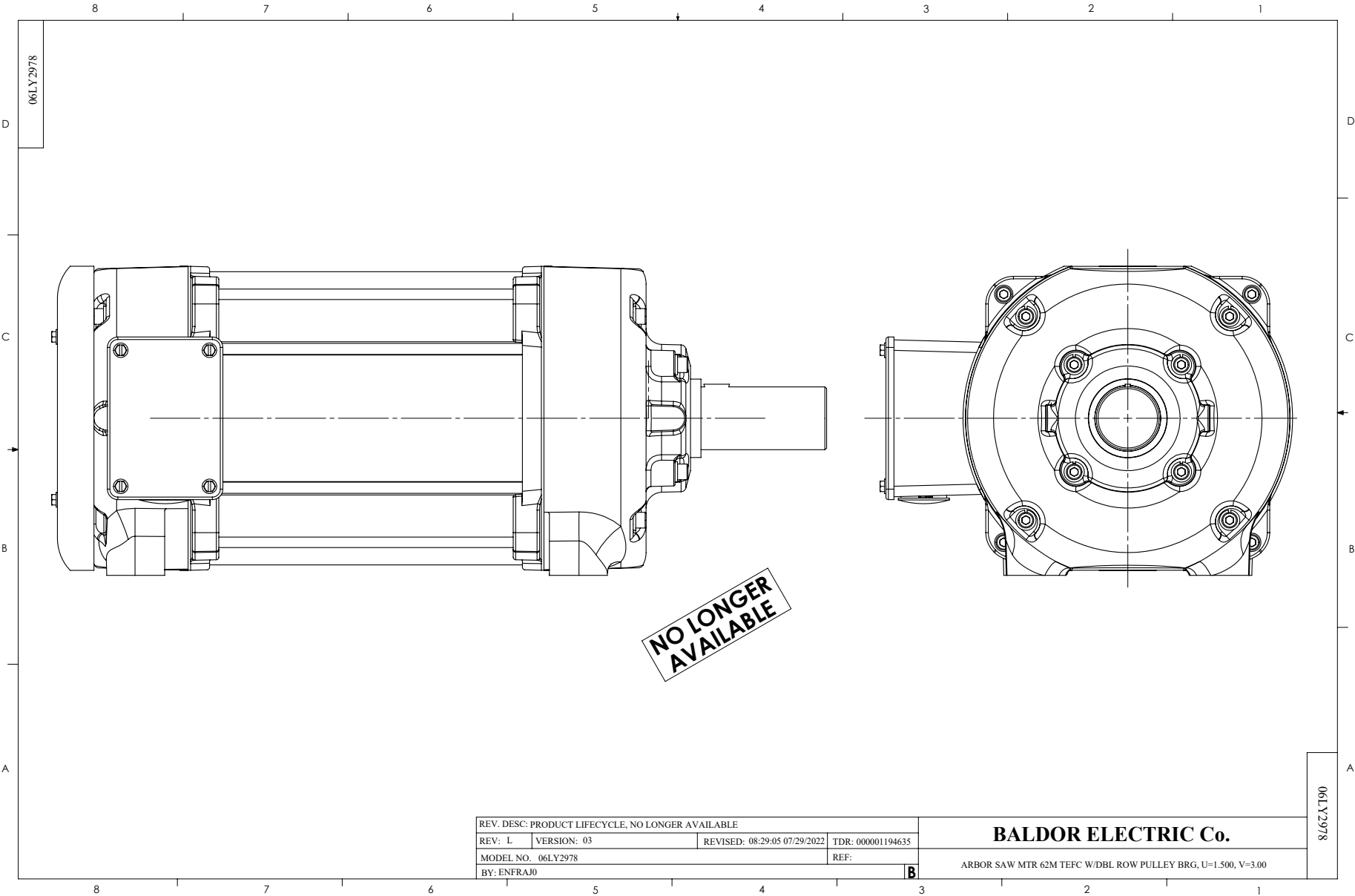
WINDING # 06WG2963

Typical performance - not guaranteed values.

15 HP 3 PH 60 HZ 3450 RPM 460 V 6260M

TORQUES (LB-FT): PO=96 PU=53 LR=74 LRA=129





CD0005



- 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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
900000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.	
3PH, DV, 9 LEADS	