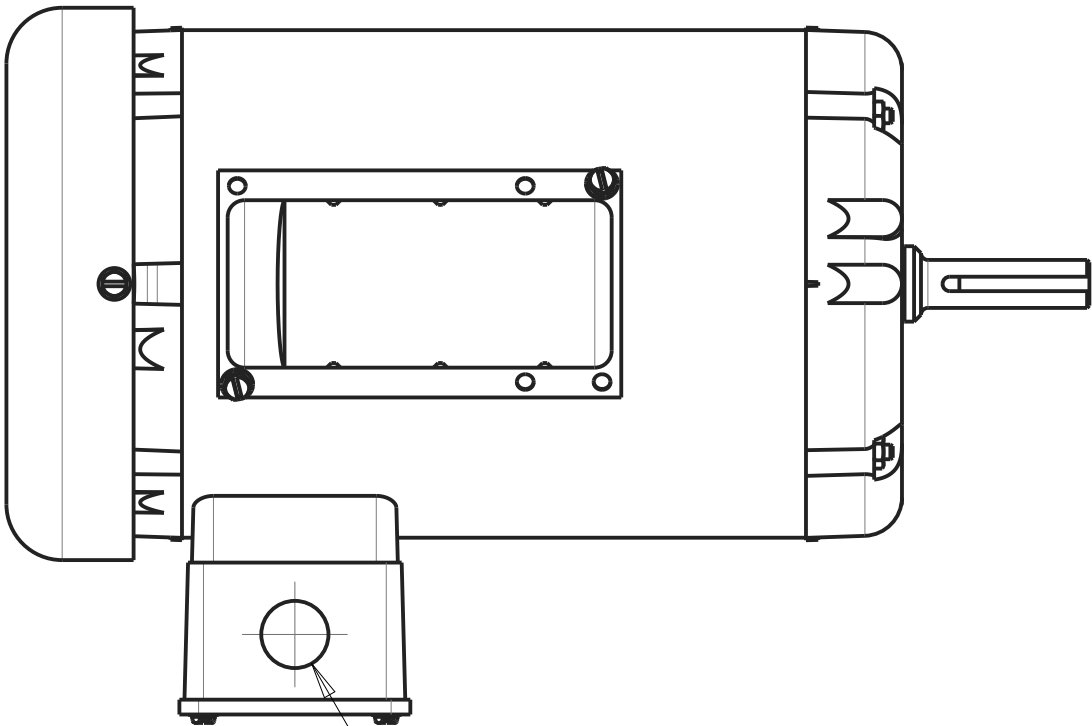


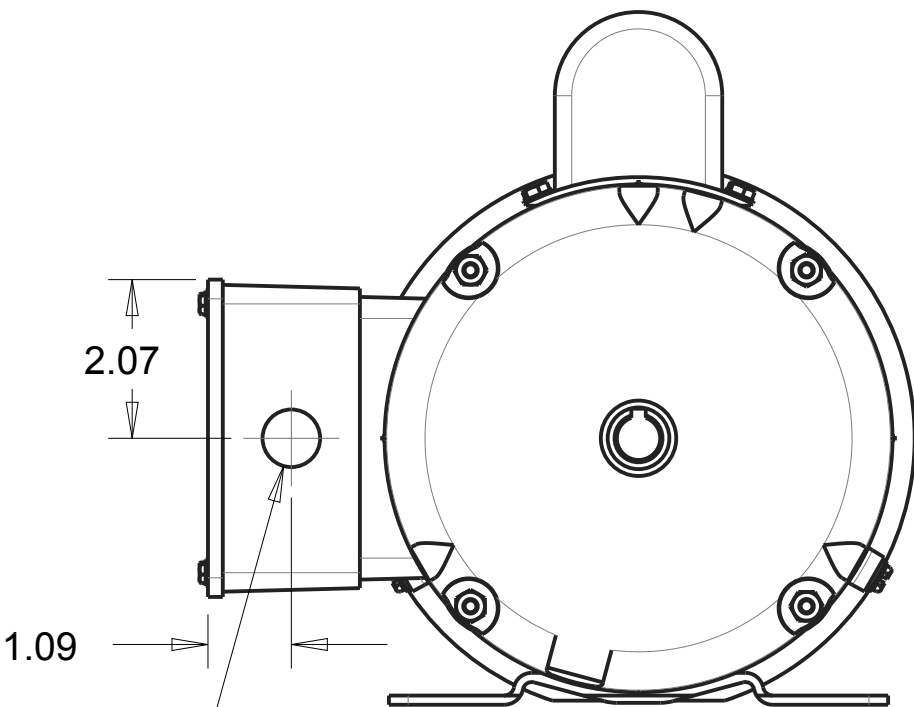
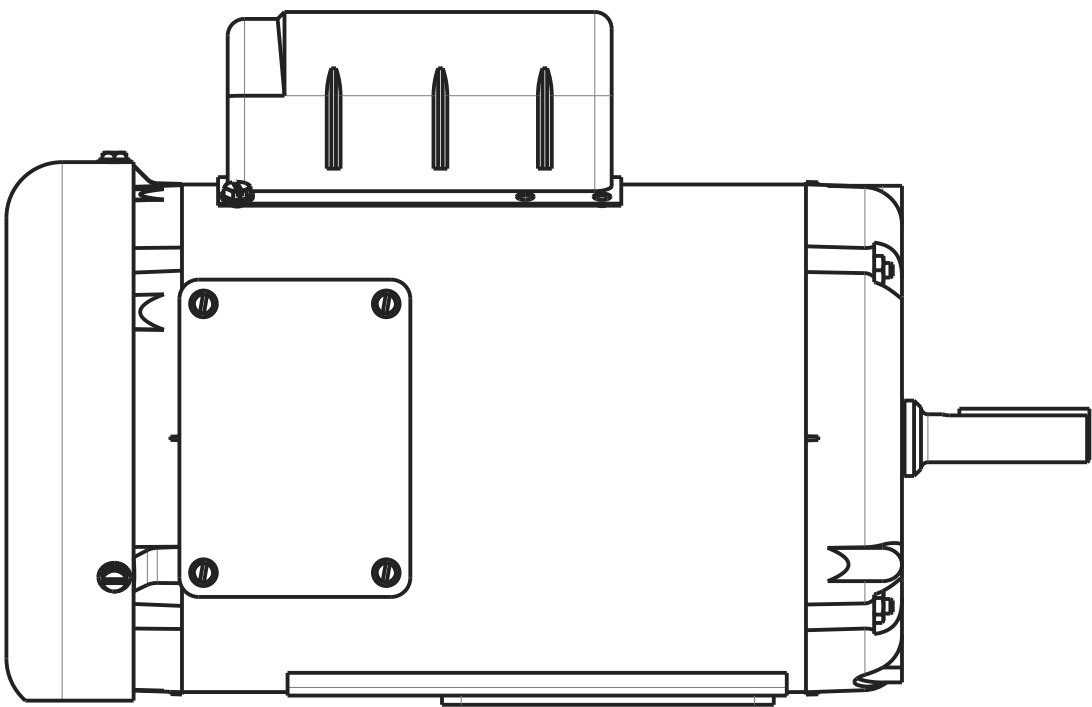
1

MACHINING DETAIL



MOTOR ARRIVES WITH (Ø .875) HOLE.
ORIENT BOX AS SHOWN IN DRAWING BEFORE MACHINING Ø 3/4" HOLE.

2



DRILL Ø 3/4 (.750) THRU ONE WALL

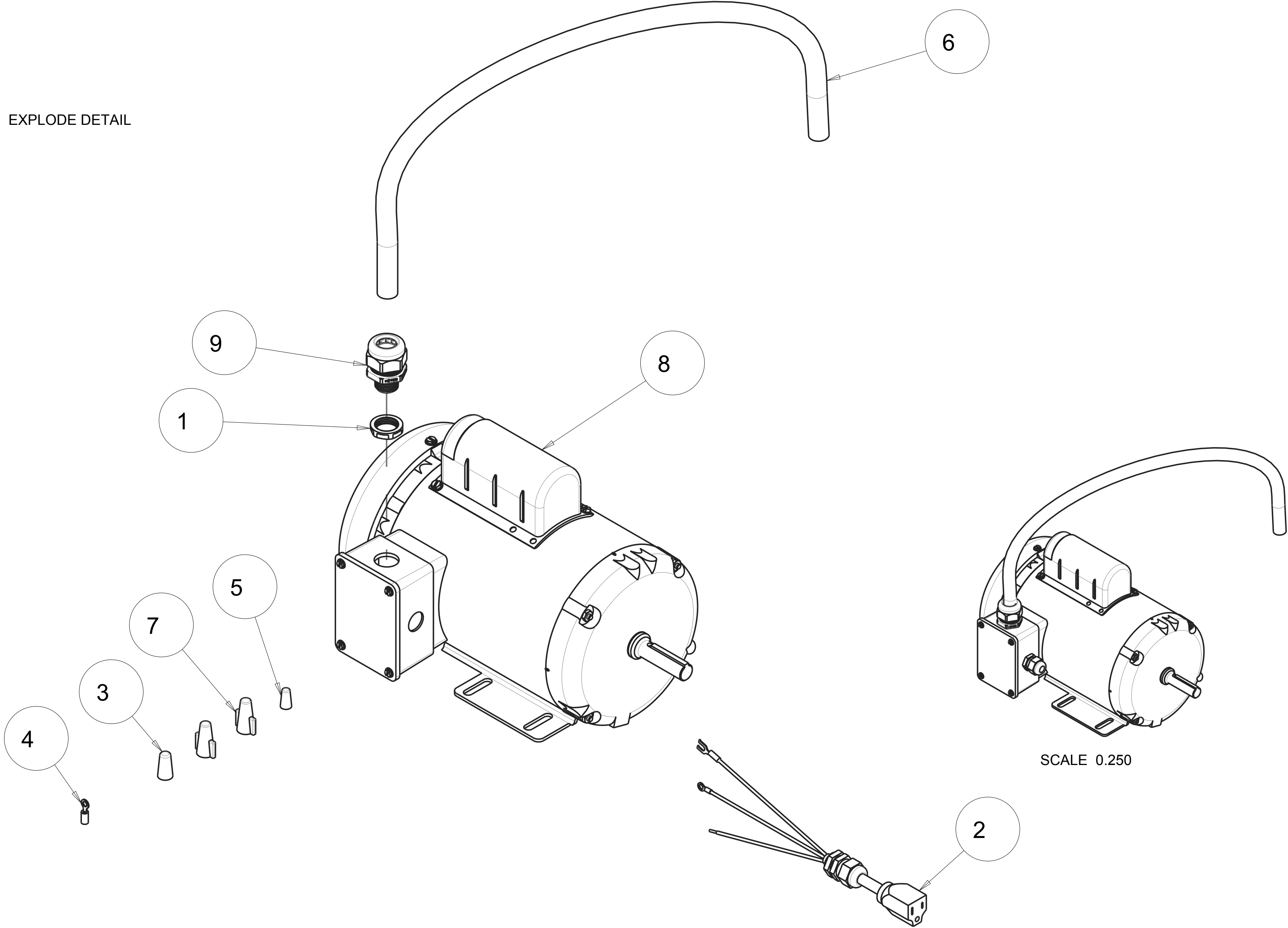
3

4

5

- NOTES:
1. MOTOR ASSEMBLY CAN BE SUBSTITUTED WITH 172729-WEG ON JOBS.
2. BALDOR MOTOR ASSEMBLY TO BE USED ONLY WITH 16" MK-2002 AT 230V.
3. USE WEG MOTOR ASSEMBLY 172729-WEG FOR 14" SAWS AT 115V.

EXPLODE DETAIL



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	INITIAL RELEASE, ECO #2418	12/13/18	SSH
-	A	WIRING DIAGRAM CHANGE FOR NEW MOTOR, ECO# 2427	04/22/19	SSH
-	B	ADD -WEG VERSION, ECO# 2444	07/12/19	SSH

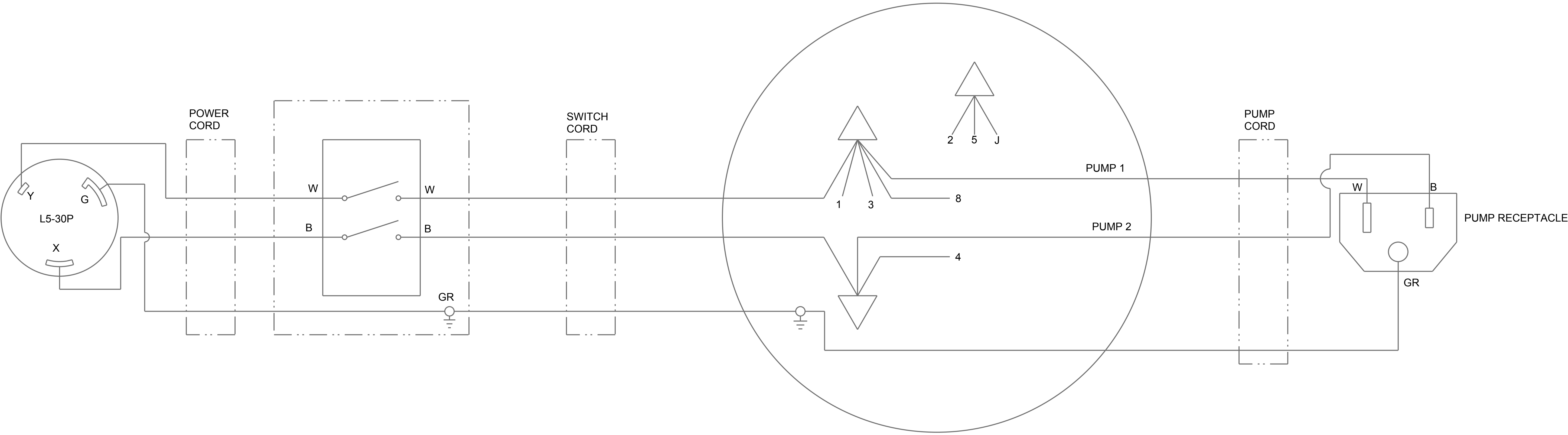
1	172832	CONNECTOR, CORD, MLTF1/2	9
1	172728	MTR, 2HP 230V 3450RPM L3515M	8
2	172202	WIRE NUT, 4#10 (RED)	7
1	171227_09	CORD, ELEC, 10/3 SJOOW BLACK (4 FT)	6
1	170637	WIRE NUT 4/#16 (ORANGE)	5
1	165108	TERMINAL, 12-10 X #10 RING PI	4
1	159968	WIRE NUT 4#16 (YELLOW)	3
1	159909	CORD,16/3 SJTW X 5-15R PUMP	2
1	153829	NUT,STRN RLF,PLAS,1/2NPT	1
QTY. REQ.	PART OR IDENTIFYING NO.	DESCRIPTION	ITEM NO.

PARTS LIST							
TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES WHOLE NO. AND FRACTIONS = 1/16 (EXCEPT DRILL HOLES) X = ± .03 .XX = ± .010 .XXX = ± .005 ANGLES = ± 1/2°			DATE	 MK DIAMOND PRODUCTS INC. 1315 STORM PARKWAY TORRANCE, CA. 90509			
	DRAWN	SSH	12/13/18				
	CHECK	SMH	12/13/18				
	DESIGN	SSH	12/13/18				
NEXT ASSY.			170816	MK-2002 BRICK SAW MTR, 2HP 230V 3450RPM L3515M -COMP			
PROPRIETARY NOTICE: THIS DRAWING AND INFORMATION IT CONTAINS ARE THE PROPERTY OF MK DIAMOND INC. AND ARE CONSIDERED CONFIDENTIAL AND MAY NOT BE REPRODUCED, COPIED, OR USED IN PART OR IN WHOLE WITHOUT THE WRITTEN CONSENT OF MK DIAMOND PRODUCTS INC..							
DO NOT SCALE DRAWING	APPLICATION		SCALE: 0.400	SIZE	PART NO.	DWG. NO.	REV.
				D	172729	172729	B
					SHEET: 1 of 6		

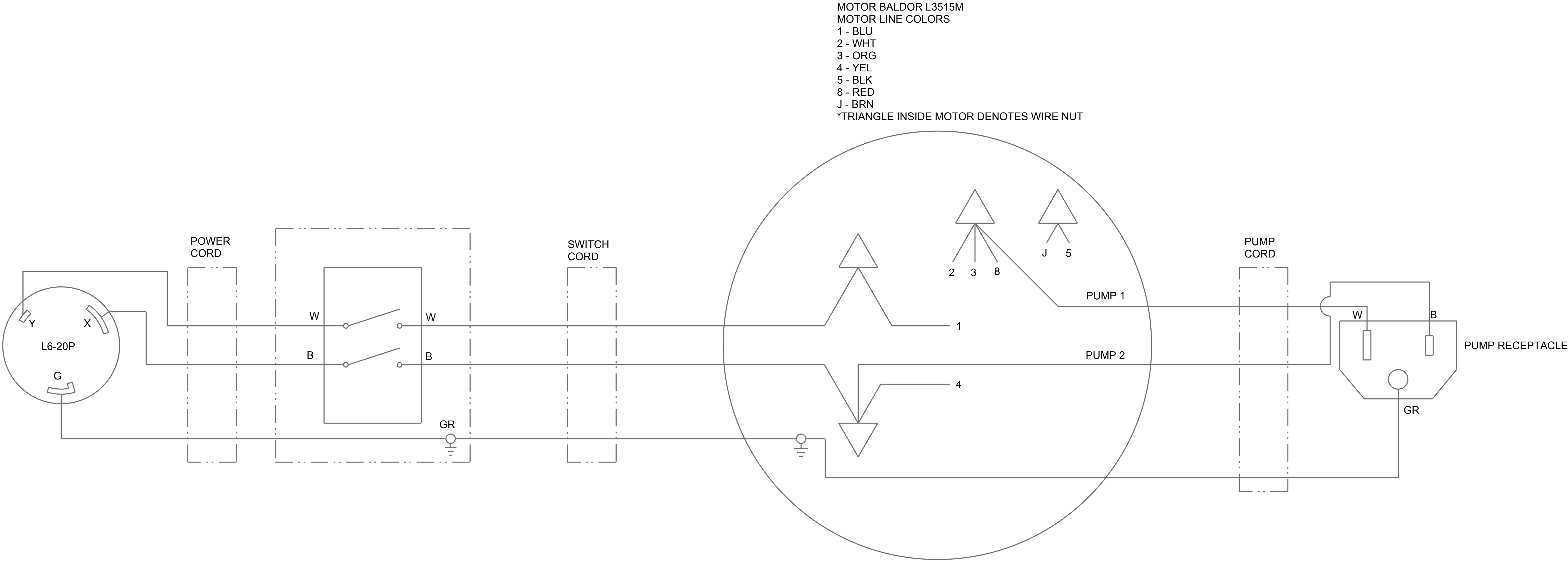
WIRING DIAGRAM FOR BALDOR MOTOR L3515M 115V

NOTES:
1. THIS WIRING DIAGRAM ONLY FOR SPECIAL CIRCUMSTANCES.
2. PLUG REQUIRED IS L5-30P.

MOTOR BALDOR L3515M
MOTOR LINE COLORS
1 - BLU
2 - WHT
3 - ORG
4 - YEL
5 - BLK
8 - RED
J - BRN
*TRIANGLE INSIDE MOTOR DENOTES WIRE NUT

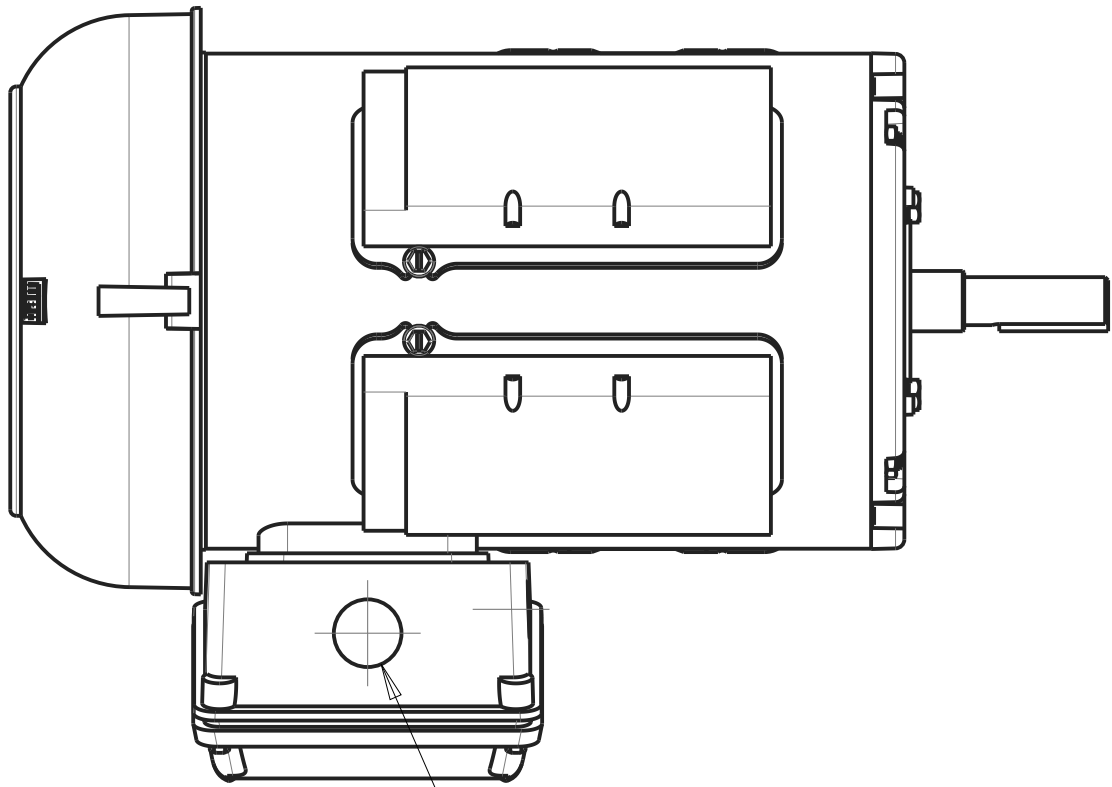


WIRING DIAGRAM FOR BALDOR MOTOR L3515M 230V

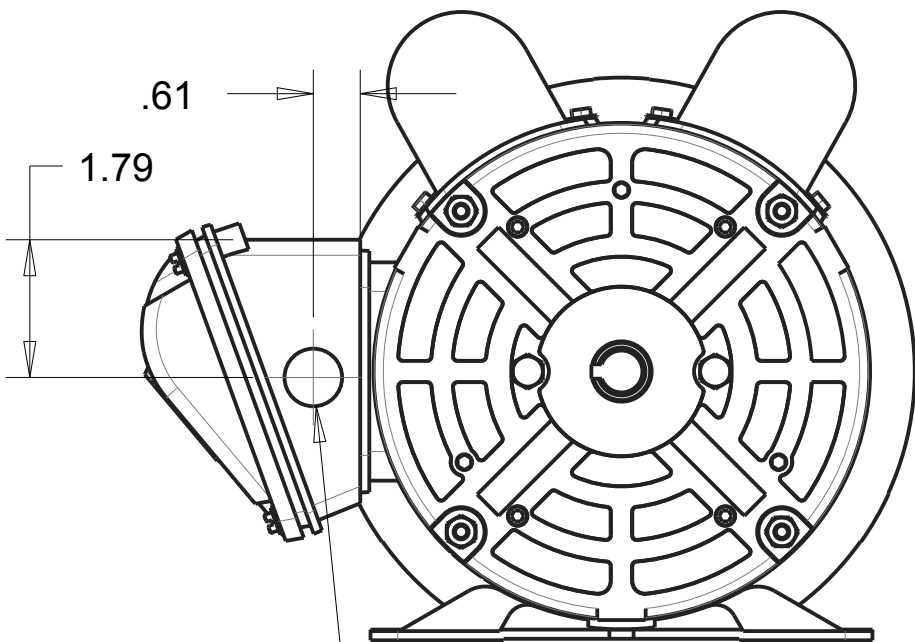
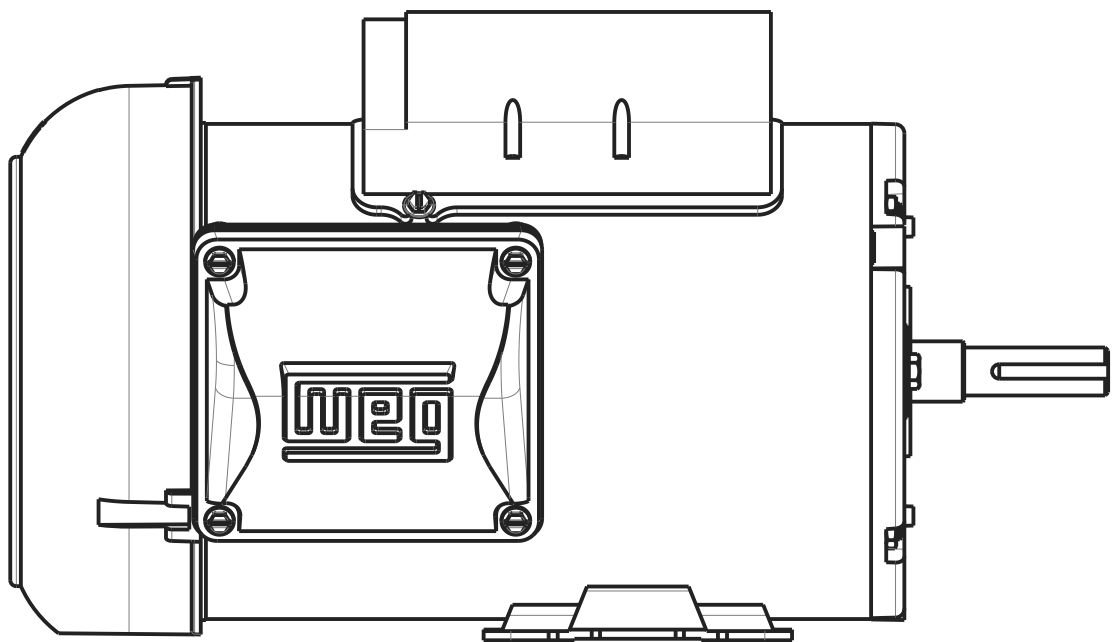


1

MACHINING DETAIL



MOTOR ARRIVES WITH (Ø .881) LEAD HOLE.
FLIP BOX TO ORIENT HOLE AS SHOWN BEFORE MACHINING/ASSEMBLING.



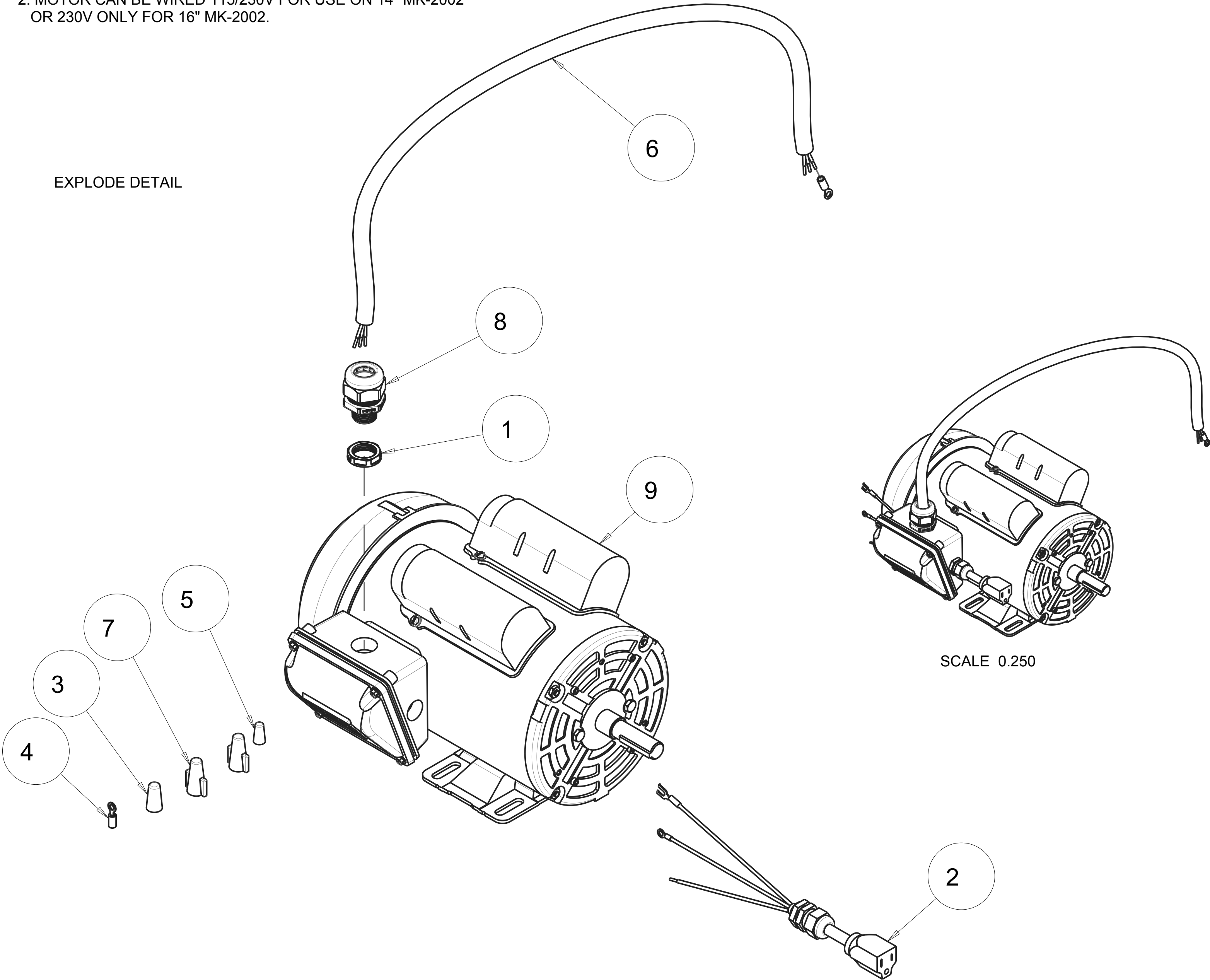
DRILL Ø 3/4 (.750) THRU ONE WALL

4

5

- NOTES:
1. THIS ASSEMBLY CAN BE USED IN PLACE OF 172729.
2. MOTOR CAN BE WIRED 115/230V FOR USE ON 14" MK-2002
OR 230V ONLY FOR 16" MK-2002.

EXPLODE DETAIL



SCALE 0.250

1	172867	MTR, 2HP 115/208-230V 1PH 3450RPM WEG 00236ES1BOL56-S	9
1	172832	CONNECTOR, CORD, MLTF1/2	8
2	172202	WIRE NUT, 4#10 (RED)	7
1	171227_11	CORD, ELEC, 10/3 SJOOW, BLACK (3 FT)	6
1	170637	WIRE NUT 4/#16 (ORANGE)	5
2	165108	TERMINAL, 12-10 X #10 RING PI	4
1	159968	WIRE NUT 4#16 (YELLOW)	3
1	159909	CORD,16/3 SJTW X 5-15R PUMP	2
1	153829	NUT,STRN RLF,PLAS,1/2NPT	1
QTY. REQ.	PART OR IDENTIFYING NO.	DESCRIPTION	ITEM NO.

PARTS LIST				
TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES WHOLE NO. AND FRACTIONS = 1/16 (EXCEPT DRILL HOLES) X = ± .03 XX = ± .010 XXX = ± .005 ANGLES = ± 1/2°	DRAWN		DATE	
	CHECK			
	DESIGN			
	NEXT ASSY.		170815 & 170816	
	PROPRIETARY NOTICE: THIS DRAWING AND INFORMATION IT CONTAINS ARE THE PROPERTY OF MK DIAMOND INC. AND ARE CONSIDERED CONFIDENTIAL AND MAY NOT BE REPRODUCED, COPIED, OR USED IN PART OR IN WHOLE WITHOUT THE WRITTEN CONSENT OF MK DIAMOND PRODUCTS INC.			
DO NOT SCALE DRAWING	APPLICATION		SCALE: 0.400	
SHEET: 4 of 6		SHEET: 4 of 6		

	MK DIAMOND PRODUCTS INC. 1315 STORM PARKWAY TORRANCE, CA. 90509		
	MK-2002 BRICK SAW MTR, 2HP 115/208-230V 1PH 3450RPM WEG MK-2002 -COMP		
SIZE	PART NO.	DWG. NO.	REV.
D	172729-WEG	172729-WEG	B

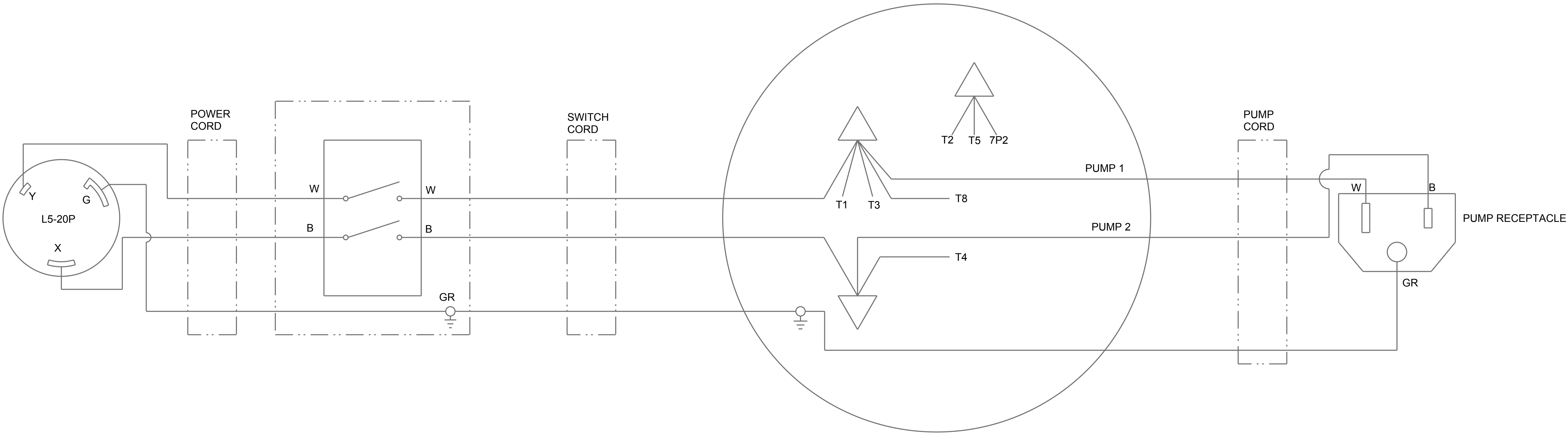
MK DIAMOND PRODUCTS INC.
1315 STORM PARKWAY
TORRANCE, CA. 90509

MK-2002 BRICK SAW
MTR, 2HP 115/208-230V 1PH 3450RPM WEG MK-2002 -COMP

SIZE D PART NO. 172729-WEG DWG. NO. 172729-WEG REV. B

WIRING DIAGRAM FOR WEG MOTOR 00236ES1BOL56-S 115V

MOTOR WEG 00236ES1BOL56-S
MOTOR LINE COLORS
T1 - BLU
T2 - WHT
T3 - ORG
T4 - YEL
T5 - BLK
T8 - RED
7P2 - BRN
*TRIANGLE INSIDE MOTOR DENOTES WIRE NUT



WIRING DIAGRAM FOR WEG MOTOR 00236ES1BOL56-S 230V

MOTOR WEG 00236ES1BOL56-S
MOTOR LINE COLORS
T1 - BLU
T2 - WHT
T3 - ORG
T4 - YEL
T5 - BLK
T8 - RED
7P2 - BRN
*TRIANGLE INSIDE MOTOR DENOTES WIRE NUT

