

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLE PER SHURflo PROCESS SPECIFICATION 99-0061, 99-0062, 99-0063, 99-0066 AND 99-0067.

2. ITEMS 9 THROUGH 11 AND ITEMS 13 AND 29 (PACKAGING) NOT SHOWN.
ITEM 28 (LITERATURE) NOT SHOWN.

3. AFFIX ITEM 13 (ROHS LABEL) ON MASTER CARTON ADJACENT TO THE SHIPPING LABEL.

4. Label Criteria

Voltage 230 VAC	Open Flow GPM 3 GPM	Serial Number N
Amperage 0.9 AMP MAX	Open Flow LPM 11.4	ROHS Label Y
Dph/Vlv Matl	PSI/IN HG 30 PSI	Logo1 USR
Lbl Box Qty	Fuse 0.8	Logo2 NSFACUM
Meter 32 METERS	Bar 3.1	Logo3
Hertz 50/60 HZ	Watts 207 WATTS	Logo4 PENTAIRS
	UPC Number	Logo5
		Logo6

Label Type 1 1088P65	LT1 Item # CY19-390-00
Label Type 2	LT2 Item #
Label Type 3	LT3 Item #
Label Type 4	LT4 Item #
Label Type 5	LT5 Item #
Label Type 6	LT6 Item #

I/C Ref Number
Motor/GP Ref 11-160-10
Fuse Lbl Comment PROTECT W/ 0.8 AMP SLOW BLOW FUSE
Misc Lbl Comment THERMALLY PROTECTED
Misc Lbl Comment2
Misc Lbl Comment3

5. ASSEMBLE PER SHURflo PROCESS SPECIFICATION 99-0720.

6. APPLY ITEM 27 (ANTI-SEIZE COMPOUND) TO MOTOR SHAFT PRIOR TO INSTALLING PUMPHEAD.

7. REFER TO SHURflo SPEC 99-0070 FOR TEST PROCEDURE.

8. GROUND/HI-POT TEST PER 04-011-0011. TEST 100% AND LOG RESULTS.

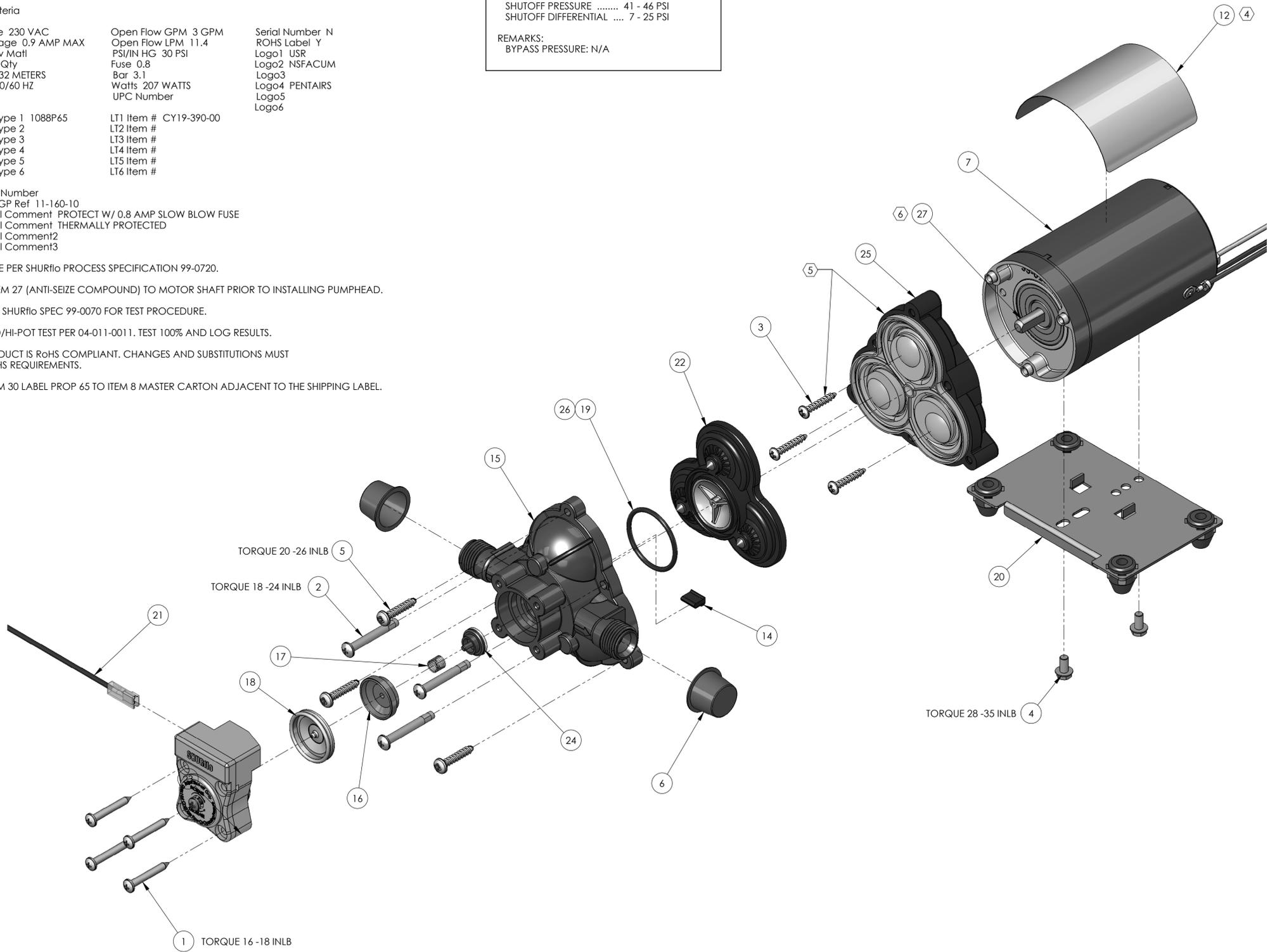
9. THIS PRODUCT IS ROHS COMPLIANT. CHANGES AND SUBSTITUTIONS MUST MEET ROHS REQUIREMENTS.

10. AFFIX ITEM 30 LABEL PROP 65 TO ITEM 8 MASTER CARTON ADJACENT TO THE SHIPPING LABEL.

TEST CRITERIA:
VOLTAGE 230 VAC
MAXIMUM AMPS 0.4
PRESSURE 10 PSI
MINIMUM FLOW 2.7
SHUTOFF PRESSURE 41 - 46 PSI
SHUTOFF DIFFERENTIAL 7 - 25 PSI

REMARKS:
BYPASS PRESSURE: N/A

REVISION HISTORY				
REV	DESCRIPTION	DATE	BY	CHECKED
N	SEE ECN 21200	12/3/14	DRD	JMP
P	PCO 22806	09/24/18	MJO	JMP

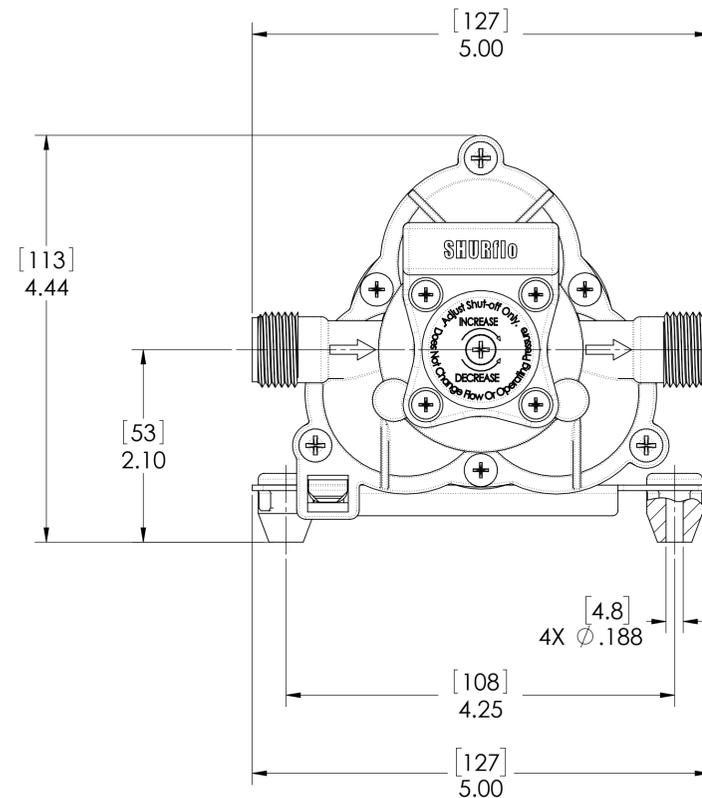
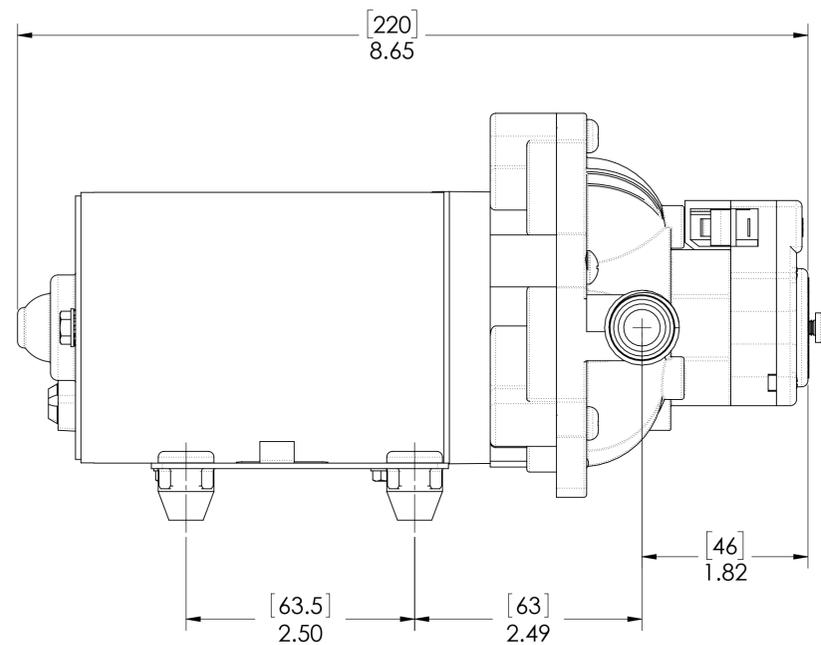


QTY	UNITS	ITEM NO.	PART NUMBER	DESCRIPTION
0.167	EA	30	19-295-00	LABEL, PROP 65
0.008	EA	29	U64-224	PALLET 48" X 40" HARDWOOD
1	EA	28	911-396	LIT, 2088/2090 INSTALLATION MANUAL
0.004	OZ	27	9-063	ANTI-SEIZE LUBRICANT COMPOUND
0.004	EA	26	9-044	O-RING GREASE
1	EA	25	84-348-30	DIAPHRAGM/SUPPORTED DRIVE
1	EA	24	84-295-10	CHECK VALVE ASSEMBLY
1	EA	23	84-324-45	PRESSURE SWITCH ASSY, LP 45 PSI
1	EA	22	84-132-10	VALVE ASSEMBLY, POLY SANTO
1	EA	21	84-114-15	PIGTAIL 18 AWG BROWN 24"
1	EA	20	84-001-01	BASEPLATE ASSEMBLY
1	EA	19	5-042-126	O-RING, EPDM
1	EA	18	41-064-10	DIAPHRAGM, L-P SWITCH SANTO
1	EA	17	32-144-00	SPRING
1	EA	16	21-450-00	CHECK VALVE INSERT
1	EA	15	21-449-00	UPPER HSG 1/2 NPSM MALE
1	EA	14	21-337	PLUG, STRAIN RELIEF
0.167	EA	13	19-690-00	RoHS COMPLIANT LABEL
1	EA	12	19-390-00	LABEL, BLANK SILVER
0.167	EA	11	18-963-00	INSERT, DIVIDER
0.167	EA	10	18-962-00	INSERT, BOTTOM
0.333	EA	9	18-999-00	INSERT, TOP
0.167	EA	8	18-213	BOX
1	EA	7	11-160-10	MOTOR ASSEMBLY 230V PAINTED
2	EA	6	10-190	CAP PLUG
3	EA	5	1-285-00	SCR, #10 -12 TYPE A X 1.00
2	EA	4	1-274-10	SCR, #10-24 TYPE TAPTITE X .375
3	EA	3	1-254-01	SCR, #8-15 X TYPE A X 1.00
3	EA	2	1-189	SCR, #10-32 UNRF-2A X 1.50
4	EA	1	1-188-00	SCR #8-15A X 1.25PHPL SP

FOR ADDITIONAL DOCUMENT REQUIREMENTS SEE SHURflo SPECIFICATION NO. 99-0867

STANDARD SHURflo SYMBOLS		NOTICE: THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY SHURflo LLC. AND ALL DESIGN, MANUFACTURING, PREPRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE, AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON, OR TO INCORPORATE IN OTHER PROJECTS ANY FEATURE UNIQUE TO THIS DESIGN. ANY AVAILABLE ROHS HEREIN ARE EXPRESSLY RESERVED. THIS DRAWING SHALL BE RETURNED TO SHURflo LLC UPON REQUEST.		MATERIAL: FINISH:		APPROVALS		DATE	
(X.XXX)	INDICATES A CRITICAL/INSPECTION DIMENSION.			TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AT 68°F. FILLET RADI (0.10 TO .030) BREAK CORNERS R.005-.015 OR CHAMFER. SURFACE FINISH: 125 MICRS IN PER ANS B46.1. ANGLES ± 0.5°. FRACTIONS ± 1/32 (LINEAR SEE BELOW)		DRAWN BY: CF		03/11/14	
(X.XXXEXXXX)	INDICATES AN ORIGINAL DESIGN DIMENSION AND TOLERANCE. THE DESIGN DIMENSION WILL BE REVERTED TO IF NEW TOOLING IS CREATED OR IF THE EXISTING TOOLING IS REWORKED IN THIS AREA.			DECIMAL PLACES		DESIGNER:			
(X.XXX)	INDICATES A FLAGGED NOTE.			ALLOWANCE		CHECKED BY: NK		03/11/14	
(X.XXX)	INDICATES LOCATION AND REVISION LEVEL OF A CHANGE.			.XX ±.030		DESIGNER:			
				.XXX ±.010		PRELIMINARY DESIGN NUMBER:			
				.XXX ±.005		TITLE: ASSY DWG 2088-594-444			
				.XXX ±.001		SIZE D		PART NUMBER: 2088-594-444-ASY	
				DO NOT SCALE DRAWING		SCALE: NTS		PART FILE NAME: 2088-594-444	
						SHEET 1 OF 2			

REVISION HISTORY				
REV	DESCRIPTION	DATE	BY	CHECKED
1	SEE ASSY DRAWING FOR REVISION HISTORY			



ALL DIMENSIONS ARE FOR REFERENCE ONLY
 (DO NOT USE TO CREATE SPECIFICATION CONTROL DRAWING)

FOR ADDITIONAL DOCUMENT REQUIREMENTS
 SEE SHURflo SPECIFICATION NO. 99-0867

STANDARD SHURflo SYMBOLS
[X.XXX] INDICATES A CRITICAL/INSPECTION DIMENSION.
[X.XXXeXXX] INDICATES AN ORIGINAL DESIGN DIMENSION AND TOLERANCE. THE DESIGN DIMENSION WILL BE REVERTED TO IF NEW TOOLING IS CREATED OR IF THE EXISTING TOOLING IS REWORKED IN THIS AREA.
[X.XXX] INDICATES A FLAGGED NOTE.
[X.XXX] INDICATES LOCATION AND REVISION LEVEL OF A CHANGE.

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DECIMAL PLACES	ALLOWANCE
.XX	±.030
.XXX	±.010
.XXXX	±.005
.XXXXX	±.001
DO NOT SCALE DRAWING	

APPROVALS	DATE
DRAWN BY: CF	03/11/14
DESIGN ENG.:	--/--/--
DESIGNER:	--/--/--
CHECKED BY: NK	03/11/14
PRELIMINARY DESIGN NUMBER:	

SHURflo 3545 Harbor Gateway South # 103
 Costa Mesa, CA 92626
FIRST IN FLUID INNOVATION

TITLE: **INST DWG 2088-594-444**
PUMP 230V 45 PSI 3.0G P/S/S

SIZE **D** PART NUMBER: **2088-594-444-INST** REV: **P**

SCALE: NTS PART FILE NAME: **2088-594-444** SHEET 2 OF 2