

# **WEINMAN**

## **PRODUCTS INDEX**

**Section 700** - Vertical Sump Pumps Models S and SA

Bulletin 700

Section A - Submittal Data Pages

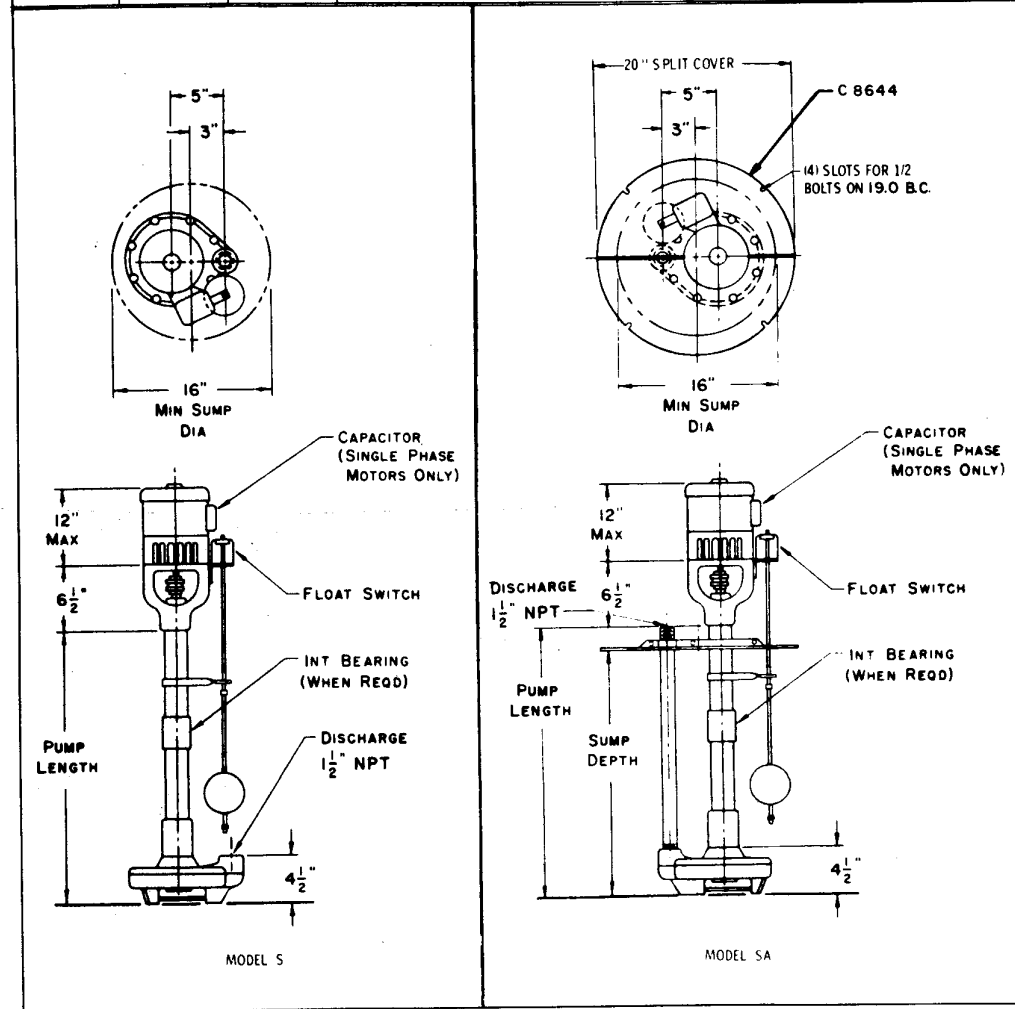
Section B - Parts List Pages

Typical Specifications - Models

## Models S and SA Sump Pumps Simplex

PUMP	DISCH. SIZE			PUMP No.	
GPM	TDH	FEET		FOR	
SUMP DEPTH	NO OF INT. BRGS.				
MOTOR	FRAME NO.	H.P.			
R.P.M.	VOLTS	PH.	HTZ.	CERT. BY	DATE

MODEL	STANDARD PUMP LENGTHS	
	PUMP LENGTH	NO. INT. BRGS
SA 2	26"	18"-24"
SA 4	50"	25"-48"
SA 6	74"	49"-72"
SA 8	98"	73"-96"



# WEINMAN

## Models SA Sump Pumps Simplex with Square Covers

PUMP GPM SUMP DEPTH COVER SIZE(SQ.) MOTOR R. P. M.	DISCH. SIZE TDH FEET NO. OF INT. BRGS. VAPOR TIGHT YES OR NO FRAME NO. H. P. VOLTS PH. CY.	PUMP NO. FOR CERT. BY DATE
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MOTORS			
1-PHASE	3-PHASE	MOTOR FRAME	C
1750	1750	56C	12
.33	.33	56C	12
.50	.50	56C	12
.75	.75	56C	12

STANDARD SUMP DEPTHS			
SUMP DEPTH	NO INT. BRGS.	SUMP DEPTH	NO INT. BRGS.
0'-2'	0	4'-6'	1
2'-4'	0	6'-8'	1

MODEL	PUMP LENGTH	SUMP DEPTH
SA 2	26	18 -24
SA 4	50	24 -48
SA 6	72	49 -72
SA 8	96	73 -96

SQUARE BASIN COVERS					SQUARE BASIN COVERS & MANHOLE						
B SQ. SUMP	A SQ. COVER	E COVER THICKNESS	COVER DRILLED WHEN SPECIFIED			B SQ. SUMP	A SQ. COVER	E COVER THICKNESS	COVERS DRILLED WHEN SPECIFIED		
			J	K	L				J	K	L
18	20	.31	4	.44	9.50	24	27	.31	4	.63	12.75
24	27	.31	4	.63	12.75	30	34	.31	4	.63	16.25
30	34	.31	4	.63	16.25	36	40	.38	4	.63	19.25
36	40	.38	4	.63	19.25	42	46	.38	8	.63	22.25
42	46	.38	8	.63	22.25	48	52	.50	8	.63	25.25
48	52	.50	8	.63	25.25						

\* VENT & COVER DRILLING FOR VAPOR TIGHT CONST. ONLY OR WHEN SPECIFIED  
 HIGH WATER ALARM WHEN SPECIFIED

## Model SA Sump Pumps Simplex with Round Covers

PUMP GPM SUMP DEPTH COVER SIZE(SQ.) MOTOR R. P. M.	DISCH. SIZE TDH FEET NO. OF INT. BRGS. VAPOR TIGHT YES OR NO FRAME NO. VOLTS PH. CY.	PUMP NO. FOR CERT. BY DATE
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MOTORS			
1-PHASE	3-PHASE	MOTOR FRAME	C
1750	1750	56C	12
.33	.33	56C	12
.50	.50	56C	12
.75	.75	56C	12

STANDARD SUMP DEPTHS			
SUMP DEPTH	NO INT. BRGS.	SUMP DEPTH	NO INT. BRGS.
0'-2'	0	4'-6'	1
2'-4'	0	6'-8'	1

MODEL	PUMP LENGTH	SUMP DEPTH
SA 2	26	18 -24
SA 4	50	24 -48
SA 6	72	49 -72
SA 8	96	73 -96

ROUND BASIN COVERS						ROUND BASIN COVERS & MANHOLE					
B SUMP DIA.	A COVER DIA.	E COVER THICKNESS	COVER DRILLING WHEN SPECIFIED			B SUMP DIA.	A COVER DIA.	E COVER THICKNESS	COVER DRILLING WHEN SPECIFIED		
			J	K	L				J	K	L
18	20	.31	4	.44	19	24	27	.31	4	.63	25.50
24	27	.31	4	.63	25.50	30	34	.31	4	.63	32.50
30	34	.31	4	.63	32.50	36	40	.38	4	.63	38.50
36	40	.38	4	.63	38.50	42	46	.38	8	.63	44.50
42	46	.38	8	.63	44.50	48	52	.50	8	.63	50.50
48	52	.50	8	.63	50.50						

\* VENT & COVER DRILLING FOR VAPOR TIGHT CONST. ONLY OR WHEN SPECIFIED HIGH WATER ALARM WHEN SPECIFIED

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## Model SA Sump Pumps Duplex with Square Covers

PUMP	DISCH. SIZE	PUMP NO.
GPM	TDH FEET	FOR
SUMP DEPTH	NO. OF INT. BRGS.	
COVER SIZE(SQ.)	VAPOR TIGHT YES OR NO	
MOTOR	FRAME NO. H. P.	
R. P. M.	VOLTS PH. CY.	CERT. BY DATE

MOTORS			
1-PHASE	3-PHASE	MOTOR FRAME	C
1750	1750	56C	12
.33	.33	56C	12
.50	.50	56C	12
.75	.75	56C	12

STANDARD SUMP DEPTHS			
SUMP DEPTH	NO INT. BRGS.	SUMP DEPTH	NO INT. BRGS.
0'-2'	0	4'-6'	1
2'-4'	0	6'-8'	1

MODEL	PUMP LENGTH	SUMP DEPTH
SA 2	26	18 -24
SA 4	50	24 -48
SA 6	72	49 -72
SA 8	96	73 -96

MECHANICAL ALTERNATOR						
* J-K HOLES		L		3.63		TH'D DISCH.
A		L		L		6.25
L		L		L		6.25
* P.T. VENT						

MECHANICAL ALTERNATOR						
* J-K HOLES		L		8.63		TH'D DISCH.
A		L		L		6.25
L		L		L		6.25
* P.T. VENT						

SQUARE BASIN COVERS						SQUARE BASIN COVERS & MANHOLE					
B SQ. SUMP	A SQ. COVER	E COVER THICKNESS	COVER DRILLING WHEN SPECIFIED			B SQ. SUMP	A SQ. COVER	E COVER THICKNESS	COVER DRILLING WHEN SPECIFIED		
			J	K	L				J	K	L
24	27	.31	4	.63	12.75	30	34	.38	4	.63	16.25
30	34	.31	4	.63	16.25	36	40	.38	4	.63	19.25
36	40	.38	4	.63	19.25	42	46	.38	8	.63	22.25
42	46	.38	8	.63	22.25	48	52	.50	8	.63	25.25
48	52	.50	8	.63	25.25						

\* VENT & COVER DRILLING FOR VAPOR TIGHT CONST. ONLY OR WHEN SPECIFIED HIGH WATER ALARM WHEN SPECIFIED

## Model SA Sump Pumps Duplex with Round Covers

<b>PUMP</b>	<b>DISCH. SIZE</b>	<b>PUMP NO.</b>	
<b>GPM</b>	<b>TDH FEET</b>	<b>FOR</b>	
<b>SUMP DEPTH</b>	<b>NO. OF INT. BRGS.</b>		
<b>COVER SIZE(SQ.)</b>	<b>VAPOR TIGHT YES OR NO</b>		
<b>MOTOR</b>	<b>FRAME NO.</b>	<b>H. P.</b>	
<b>R. P. M.</b>	<b>VOLTS</b>	<b>PH. CY.</b>	<b>CERT. BY</b>
			<b>DATE</b>

MOTORS			
1-PHASE	3-PHASE	MOTOR FRAME	C
1750	1750		
.33	.33	56C	12
.50	.50	56C	12
.75	.75	56C	12

STANDARD SUMP DEPTHS			
SUMP DEPTH	NO INT. BRGS.	SUMP DEPTH	NO INT. BRGS.
0'-2'	0	4'-6'	1
2'-4'	0	6'-8'	1

MODEL	PUMP LENGTH	SUMP DEPTH
SA 2	26	18 - 24
SA 4	50	24 - 48
SA 6	72	49 - 72
SA 8	96	73 - 96

ROUND BASIN COVERS							ROUND BASIN COVERS & MANHOLE						
B SUMP DIA.	A COVER DIA.	E COVER THICKNESS	COVER DRILLING WHEN SPECIFIED			B SUMP DIA.	A COVER DIA.	E COVER THICKNESS	COVER DRILLING WHEN SPECIFIED				
			J	K	L				J	K	L		
24	27	.31	4	.63	25.50	30	34	.38	4	.63	32.50		
30	34	.31	4	.63	32.50	36	40	.38	4	.63	38.50		
36	40	.38	4	.63	38.50	42	46	.38	8	.63	44.50		
42	46	.38	8	.63	44.50	48	52	.50	8	.63	50.50		
48	52	.50	8	.63	50.50								

\* VENT & COVER DRILLING FOR VAPOR TIGHT CONST. ONLY OR WHEN SPECIFIED  
HIGH WATER ALARM WHEN SPECIFIED

## S & SA Sump Pumps

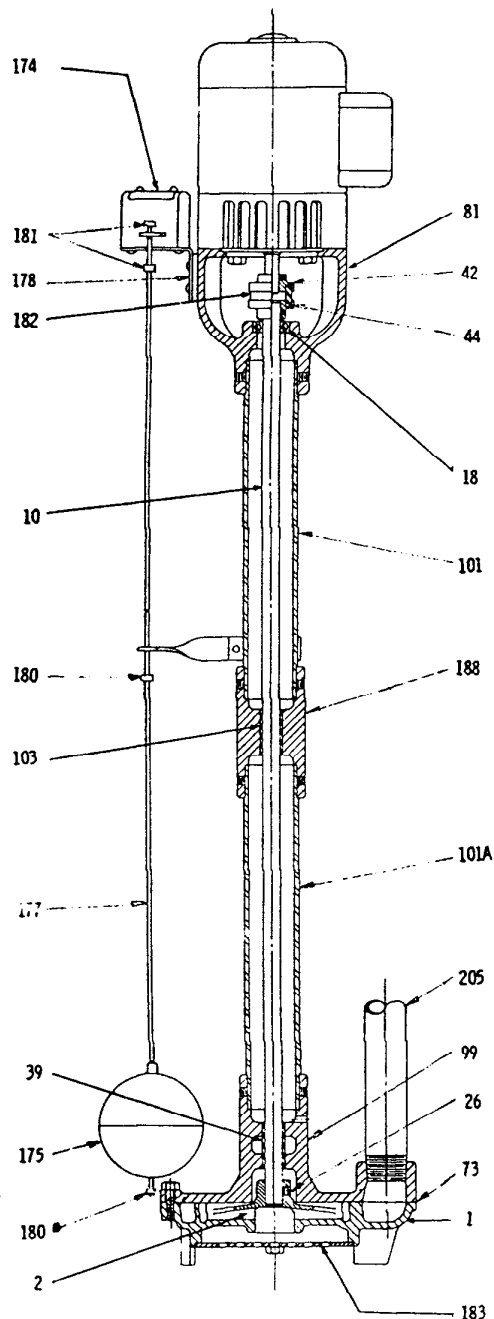


FIG. 1

- 1 CASING
  - 2 IMPELLER
  - 10 SHAFT (ONE PIECE)
  - 18 BEARING (THRUST)
  - 26 IMPELLER SCREW
  - 39 BEARING BUSHING
  - 42 COUPLING (DRIVER HALF)
  - 44 COUPLING (PUMP HALF)
  - 73 CASING GASKET
  - 81 DRIVER PEDESTAL
  - 99 BEARING HOUSING
  - 101 COLUMN PIPE
  - 101A COLUMN (LOWER)
  - \*103 INTERMEDIATE BEARING
  - 174 FLOAT SWITCH (SIMPLEX UNITS)
  - 174A MECH. ALTERNATOR (DUPLEX UNITS)
  - 175 FLOAT
  - 177 FLOAT ROD
  - 178 FLOAT SWITCH BRACKET
  - 180 FLOAT ROD STOPS (LOWER)
  - 181 FLOAT ROD STOPS (UPPER)
  - 182 COUPLING SLEEVE
  - 183 STRAINER
  - \*188 INTERMEDIATE BEARING HOUSING
  - 205 DISCH. PIPE (ONLY ON SA MODEL)
- \* ITEMS 103 & 188 MUST BE PURCHASED AS AN ASSEMBLY.

WHEN WRITING THE FACTORY REGARDING YOUR PUMP — ALWAYS INCLUDE SERIAL NUMBER

**CRANE**

**PUMPS & SYSTEMS**

**WEINMAN**

**No Specifications for this Section**