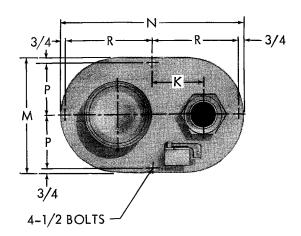
#### DATED DECEMBER 1971

SUPERSEDES PAGE 251 DATED DECEMBER 1970



PUMP	PUMP SIZE					
DISCH.	CASE BORE	E	F	K	OVAL SIZE	
2	7	4-1/16	9-1/4	6-3/4	20 x 24	3/8
2	9	4-1/2	10-3/4	8-1/4	20 x 24	3/8
3*	7	4-1/4	11-7/8	6-3/8	22 x 28	1/2
3*	9	4-5/16	13-1/4	7-3/4	22 x 28	1/2

OVAL	М	N	Р	R
20 x 24	20	24	9-1/4	11-1/4
22 x 28	22	28	10-1/4	13-1/4

FRAME	X	Y
143HP	13-7/8	11
145HP	13-7/8	12
18 <b>2</b> HP	13-7/8	13
184HP	13-7/8	14
213HP	13-7/8	16
215HP	13-7/8	17
254HP	13-7/8	19
256HP	13-7/8	21

	apı	Y prox.		FLO	OTOR & DAT SWITC DUNTED OTHERS	CH
		X	F		DISCHA	ARGE
0 3	PUMP SETTING				T STL SEE TABLE) C.I. 1/2	
00000	PUMP				NOTES: 1.	ALL DIMI

NOTE 7

1. ALL DIMENSIONS IN INCHES.

2. DIMENSIONS MAY VARY  $\pm 3/8$ .

3. NOT FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.

4. FLOAT SWITCH FURNISHED ONLY WHEN SPECIFIED.

5. LINE SHAFT BEARINGS FURNISHED ON 6' 2" PUMP SETTINGS AND LONGER.

6. 22 x 28 OVALS ARE ALSO AVAILABLE WHERE 20 x 24 OVALS ARE SHOWN.

7. CASINGS WITH 2" DISCHARGE HAVE THREADED CONNECTIONS. CASINGS WITH 3" DISCHARGE HAVE FLANGED CONNECTIONS.

\*3" PUMPS NOT AVAILABLE ON 20" x 24" OVAL.

4" MIN

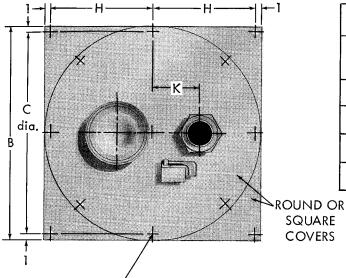
## \_\_\_\_\_ AURORA MODEL 641 PUMP . ON SIMPLEX PLATE

SUPERSEDES PAGE 252 DATED DECEMBER 1970

8-1/2 BOLTS

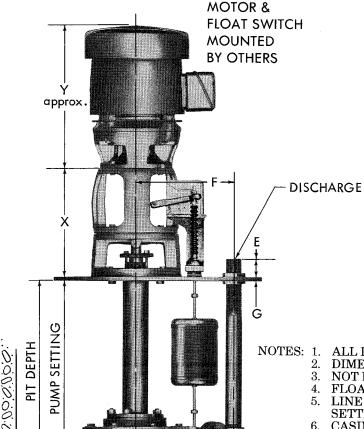
000000000

4" MIN



PUMF	PUMP SIZE				
DISCH.	CASE BORE	E	F	K	MINIMUM COVER SIZE
2	7	4-1/16	9-1/4	6-3/4	24
2	9	4-1/2	10-3/4	8-1/4	26
3	7	4-1/4	11-7/8	9-3/8	32
3	9	4-5/16	13-1/4	10-3/4	32

COVER	C	н	G
В	ROUND	SQUARE	STEEL
24	22	11	3/8
28	26	13	3/8



NOTE 6

FRAME	Х	Y
143HP	13-7/8	11
145HP	13-7/8	12
18 <b>2</b> HP	13-7/8	13
184HP	13-7/8	14
213HP	13-7/8	16
215HP	13-7/8	17
254HP	13-7/8	19
256HP	13-7/8	21

- NOTES: 1. ALL DIMENSIONS IN INCHES.
  - DIMENSIONS MAY VARY  $\pm 3/8$ .
  - NOT FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.

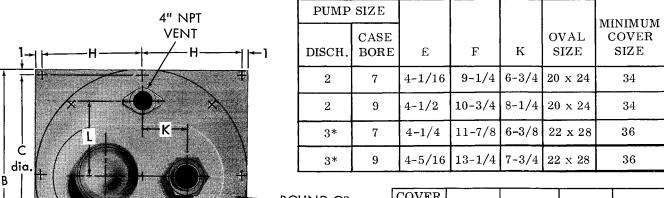
  - 4. FLOAT SWITCH FURNISHED ONLY WHEN SPECIFIED.
    5. LINE SHAFT BEARINGS FURNISHED ON 6' 2" PUMP
    - SETTINGS AND LONGER.
  - CASINGS WITH 2" DISCHARGE HAVE THREADED CONNECTIONS. CASINGS WITH 3" DISCHARGE HAVE FLANGED CONNECTIONS.



### AURORA MODEL 641 PUMP ON SIMPLEX PLATE WITH OVAL

SECTION 640 PAGE 253 DATED AUGUST 1989

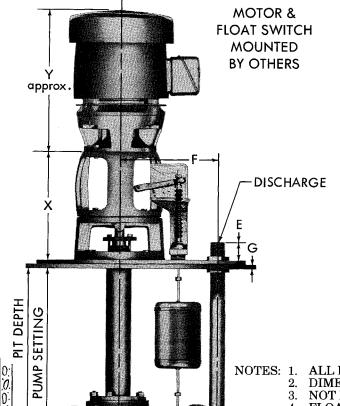
**SUPERSEDES PAGE 253 DATED DECEMBER 1971** 



ROUND OR **SQUARE COVERS** 

SIZE	C	Н	G	L
В		SQUARE	STEEL	
34	32	16	3/8	12-3/4
40	38	19	3/8	14-1/2
46	44	22	1/2	16
53	51	25-1/2	1/2	17-3/4
60	58	29	5/8	19-1/2
66	64	32	5/8	21

38



NOTE 6

FRAME	X	Y
143HP	13-7/8	11
145HP	13-7/8	12
18 <b>2</b> HP	13-7/8	13
184HP	13-7/8	14
213HP	13-7/8	16
215HP	13-7/8	17
254HP	13-7/8	19
256HP	13-7/8	21

5/8

24

NOTES: 1. ALL DIMENSIONS IN INCHES.

FLANGED CONNECTIONS.

- DIMENSIONS MAY VARY ± 3/8. NOT FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.
- 4. FLOAT SWITCH FURNISHED ONLY WHEN SPECIFIED.
- 5. LINE SHAFT BEARINGS FURNISHED ON 6' 2" PUMP
- SETTINGS AND LONGER. CASINGS WITH 2" DISCHARGE HAVE THREADED CONNECTIONS. CASINGS WITH 3" DISCHARGE HAVE
- \*3" PUMPS NOT AVAILABLE ON 20" x 24" OVAL.

78

76



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4" MIN

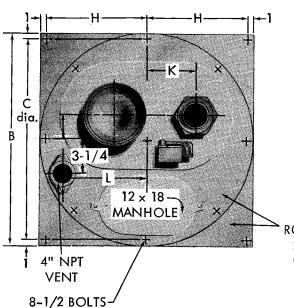
8-1/2 BOLTS-

SECTION 640 PAGE 254

# — AURORA MODEL 641 PUMP — ON SIMPLEX PLATE WITH OVAL AND MANHOLE

DATED **AUGUST 1989** SUPERSEDES PAGE 254 DATED DECEMBER 1971

4" MIN



PUMP SIZE						MINIMUM
DISCH.	CASE BORE	E	F	K	OVAL SIZE	COVER SIZE
2	7	4-1/16	9-1/4	6-3/4	20 x 24	40
2	9	4-1/2	10-3/4	8-1/4	20 x 24	40
3*	7	4-1/4	11-7/8	6-3/8	22 x 28	42
3*	9	4-5/16	13-1/4	7-3/4	22 x 28	42

ROUND OR SQUARE COVERS

COVER SIZE B	C ROUND	H SQUARE	G STEEL	L
40	38	19	3/8	14-1/2
46	44	22	1/2	17
53	51	25-1/2	1/2	18-3/4
60	58	29	5/8	20-1/2
66	64	32	5/8	22
78	76	38	5/8	25

	Уарргох		MOTOR FLOAT SV MOUNT BY OTH	VITCH IED
	×	F	E G	HARGE
PIT DEPTH	PUMP SETTING		NOTES	: 1. ALL 2. DIM 3. NOT 4. FLO

NOTE 6-

FRAME	X	Y
143HP	13-7/8	11
145HP	13-7/8	12
18 <b>2</b> HP	13-7/8	13
184HP	13-7/8	14
213HP	13-7/8	16
215HP	13-7/8	17
254HP	13-7/8	19
256HP	13-7/8	21
215HP 254HP	13-7/8 13-7/8	17 19

1. ALL DIMENSIONS IN INCHES.

2. DIMENSIONS MAY VARY  $\pm 3/8$ .

3. NOT FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.

4. FLOAT SWITCH FURNISHED ONLY WHEN SPECIFIED.

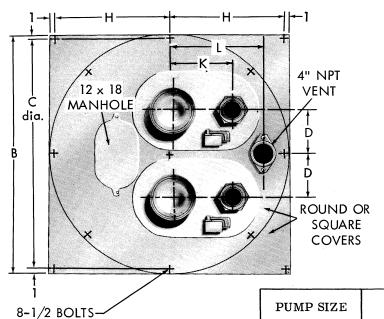
5. LINE SHAFT BEARINGS FURNISHED ON PUMP SETTINGS OF 6' 2" AND LONGER.

6. CASINGS WITH 2" DISCHARGE HAVE THREADED CONNECTIONS. CASINGS WITH 3" DISCHARGE HAVE FLANGED CONNECTIONS.

\*3" PUMPS NOT AVAILABLE ON 20" x 24" OVAL.

# ON DUPLEX PLATE WITH TWO OVALS AND MANHOLE

SECTION 640 PAGE 255
DATED MAY 1991
SUPERSEDES PAGE 255
DATED DECEMBER 1971



COVER SIZE B	C ROUND	H SQUARE	G STEEL	L
46	44	22	1/2	17
53	51	25-1/2	5/8	19
60	58	29	5/8	19
66	64	32	3/4	19
78	76	38	3/4	19

PUMP	SIZE			OVAL		MINIMUM	
DISCH.	CASE BORE	E	F	K	SIZE	D	COVER SIZE
2	7	4-1/16	9-1/4	9-3/4	20 x 24	10-1/2	46
2	9	4-1/2	10-3/4	10-3/4	20 x 24	10-1/2	46
3*	7	4-1/4	11-7/8	8-7/8	22 x 28	11-1/2	50
3*	9	4-5/16	13-1/4	10-1/4	22 x 28	11-1/2	50

MOTOR & FLOAT SWITCH
MOUNTED BY OTHERS

— DISCHARGE

FRAME	X	Y
143HP	13-7/8	11
145HP	13-7/8	12
18 <b>2</b> HP	13-7/8	13
184HP	13-7/8	14
213HP	13-7/8	16
215HP	13-7/8	17
254HP	13-7/8	19
256HP	13-7/8	21

#### NOTES:

NOTE 6

- 1. ALL DIMENSIONS IN INCHES.
- 2. DIMENSIONS MAY VARY  $\pm 1/2$ .
- 3. NOT FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.
- 4. FLOAT SWITCH FURNISHED ONLY WHEN SPECIFIED.
- 5. LINE SHAFT BEARINGS FURNISHED ON 6' 2" PUMP SETTINGS AND LONGER.
- 6. CASINGS WITH 2" DISCHARGE HAVE THREADED CONNECTIONS. CASINGS WITH 3" DISCHARGE HAVE FLANGED CONNECTIONS.

\*3" PUMPS NOT AVAILABLE ON 20" x 24" OVAL.



20.00000

4" MIN

approx.

X

PUMP SETTING

OOOOOOOO