

P-30ff PRESSURE SLIDE GATE

- MEDIUM DUTY
- CORROSION RESISTANT TRIM
- FLANGEBACK

This Waterman Model P-30ff Red Top Pressure Slide Gate features a circular opening, circular flangeback frame and is provided with bronze seat faces and stem, and stainless steel assembly hardware for Sluice Gate type applications in water treatment facilities.

It is an economical gate, ideally suited for effluent ponding installations, pumping stations, and distributing boxes.

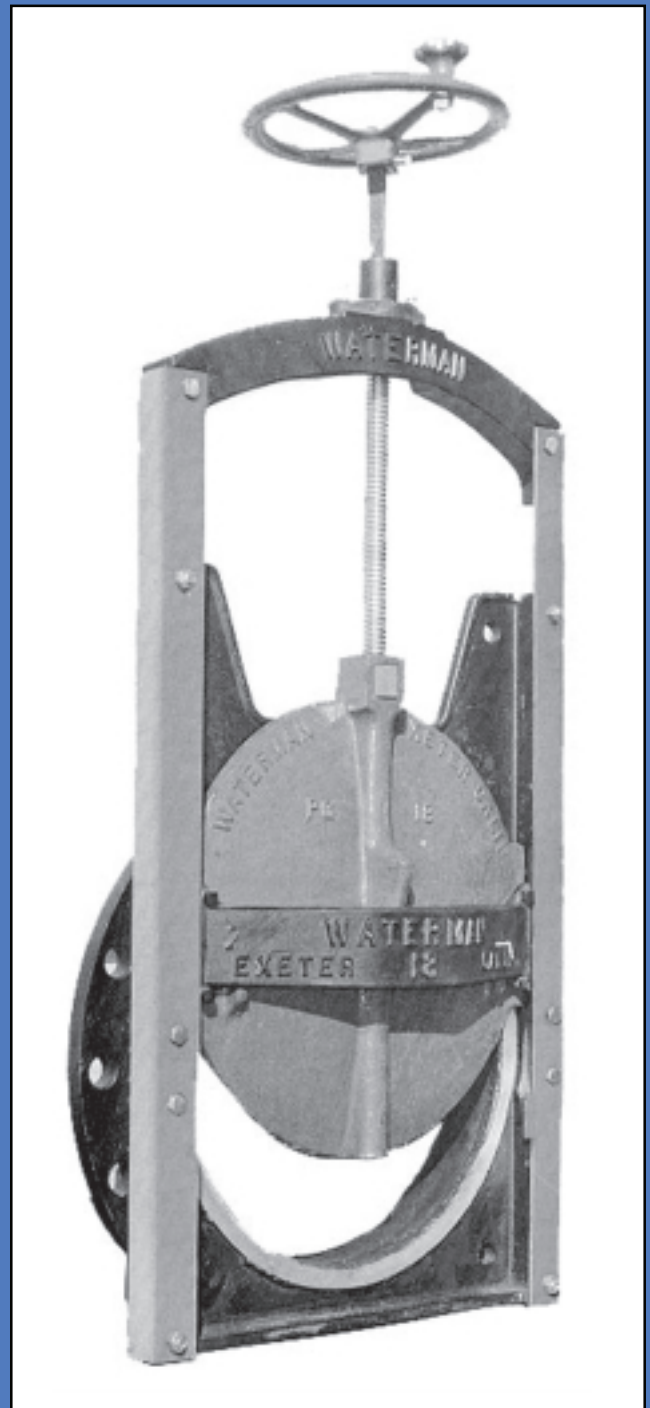
This gate is a product of many years of field, as well as manufacturing experience, and is of particularly sturdy construction. It has a powerful center wedge closing action, but is always easily opened. A bronze non-rising stem is standard and has rugged modified acme threads. Seat faces are iron (bronze optional). Guide rails on 6" - 14" are cast iron. Guide rails on 16" and larger are stainless steel.

All other parts are high strength, close-grained cast grey iron.

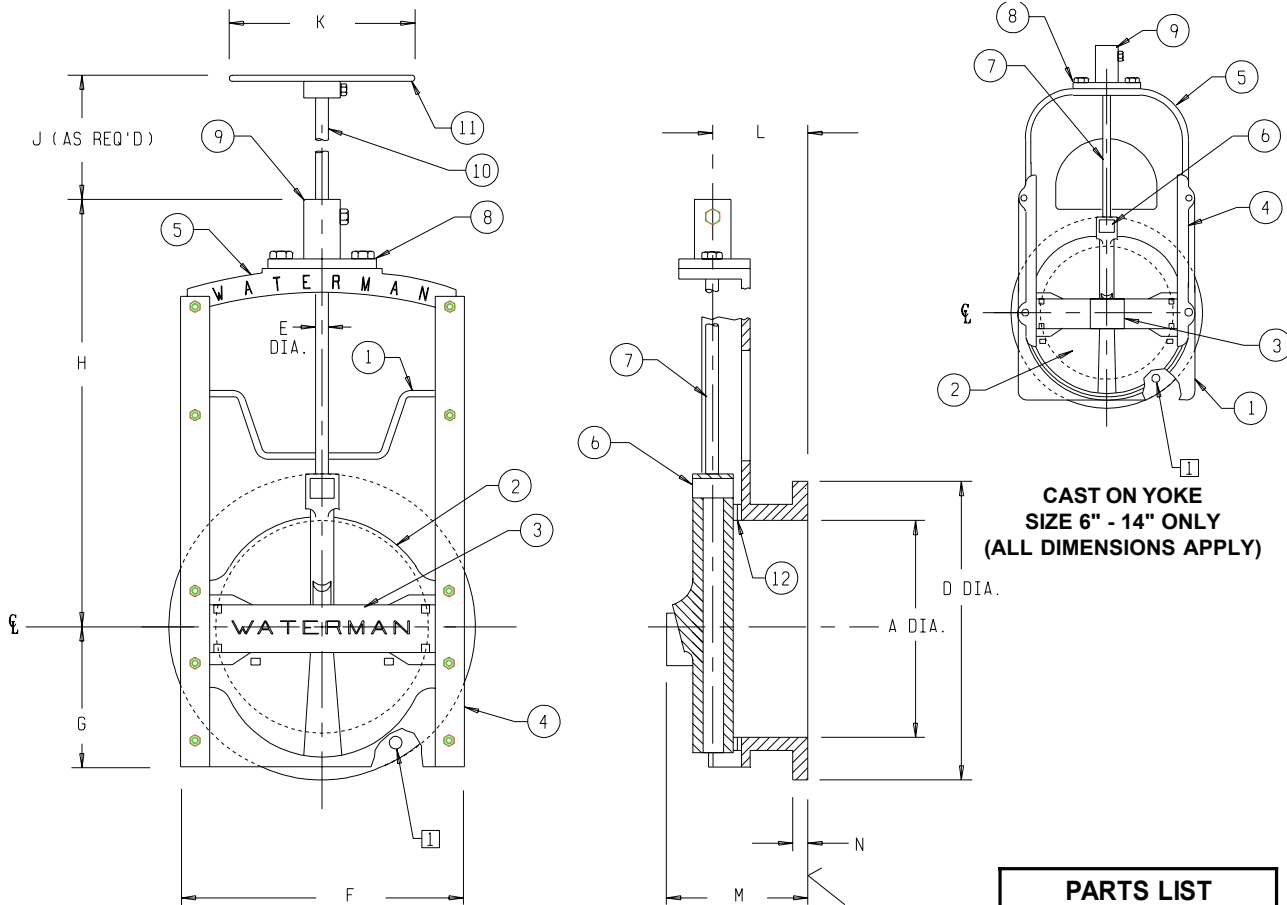
Used in water control applications where a rugged but economical circular opening gate is required, such as small reservoirs, distribution boxes, ponding areas and pumping stations where fluid and operating conditions are only moderately severe and continuous throttling action is not anticipated.

FEATURES:

- Circular opening cast iron slide gate
- For **60 foot** seating (face) pressure and **10 foot** unseating (back) pressure.
- Circular flangeback mounting with 125 lb. ANSI straddle on center drilling standard. 25 lb. ANSI drilling optional
- Non-rising bronze stem standard. (Rising stainless steel stem, optional).
- Optional bronze seat faces
- Center-point wedge action
- Stainless steel assembly hardware.



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NOTES:

1 125# drilling standard; "P" dia. holes, "S" places eq. spaced, straddle centerline on "BC" dia. bolt circle, uses "R" NC bolts.

2. Gate capacity:
 Max. seating head 60 Ft.
 Max. unseating head 10 Ft.

3. Standard gate with non-rising stem.

4. All assembly hardware 300 series stainless steel.

GATE DIMENSIONS IN INCHES

A	BC	D	E	F	G	H	K	L	M	N	P	R	S
6	9½	11	7/8	10	5½	14¼	10	5¼	7¼	1	7/8	¾	8
8	11¾	13½	7/8	11⅛	5½	17⅝	10	4½	7	7/8	7/8	¾	8
10	14¼	16	7/8	13⅜	6½	20⅞	10	4½	7	7/8	1	7/8	12
12	17	19	7/8	15⅝	8	24⅞	12	4½	7½	1	1	7/8	12
14	18¾	21	7/8	18	9	26	12	4½	8	1⅛	1⅛	1	12
16	21¼	23½	1	20⅝	10½	30¼	12	4½	8	1⅛	1⅛	1	16
18	22¾	25	1	22¾	11½	33¾	15	5	8½	1¼	1¼	1⅛	16
20	25	27½	1⅛	25	12½	40	15	5	9	1¼	1¼	1⅛	20
24	29½	32	1½	29¾	14½	48½	18	6¾	10½	1½	1⅜	1¼	20

PARTS LIST	
No.	Name
1	Frame- Cast Iron
2	Cover - Cast Iron
3	Arch - Cast Iron
4	Rails - 304 Stn. Stl. (Cast Iron thru 14")
5	Yoke - Cast Iron (Cast on thru 14")
6	Thrust Nut - Bronze
7	Stem - Bronze
8	Collar - Cast Iron
9	Stem Ext. Brkt. - Cast Iron
10	Ext. Stem - Mat'l. as req'd.
11	Handwheel - Cast Iron
12	Bronze Seat - Optional

