



天河水务

TY 型调节堰门 TYPE-TY ADJUSTING WEIR-GATE

● 用途 Applications

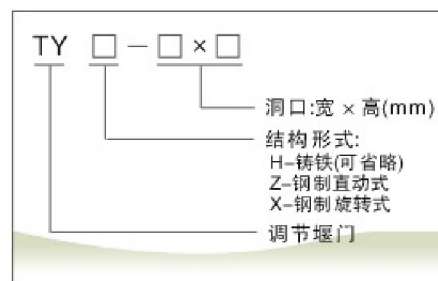
调节堰门主要用于控制和调节水位，也可用于配水、排除上清液等场合。

我公司生产的调节堰门共三类：铸铁堰门（TY）、钢制直动式堰门（TYZ）、钢制旋转堰门（TYX）。

The adjusting weir-gate is used to control water level and also for water distribution, supernatant drainage and other places.

Our Company's adjusting weir gate can be divided into three kinds: cast-iron weir gate (TY), steel straight gate (TYZ) and steel screw gate (TYX).

● 型号示例 Type and Its Indication



● 工作原理及构造 Working Principle and Strucure

TY型用铸铁制成，耐腐蚀性好，结构简单，在关闭状态有较高密封要求时，可在门框上镶铜密封面，宽度一般不超过2m。

TYZ型为钢制结构，橡胶密封，三面或四面止水，也可反向止水，可不受规格限制，适用于任意场合，当采用不锈钢制作时，使用寿命长。

TYX型密封效果好，几乎达到“0泄漏”状态，适用宽度可达6m以上，但调节水位一般在800mm以下，特别适用于交替运行的氧化沟排水，或大型配水井配水，配套专用启闭装置，仅需注明手动或电动即可，无需另外选用启闭机。

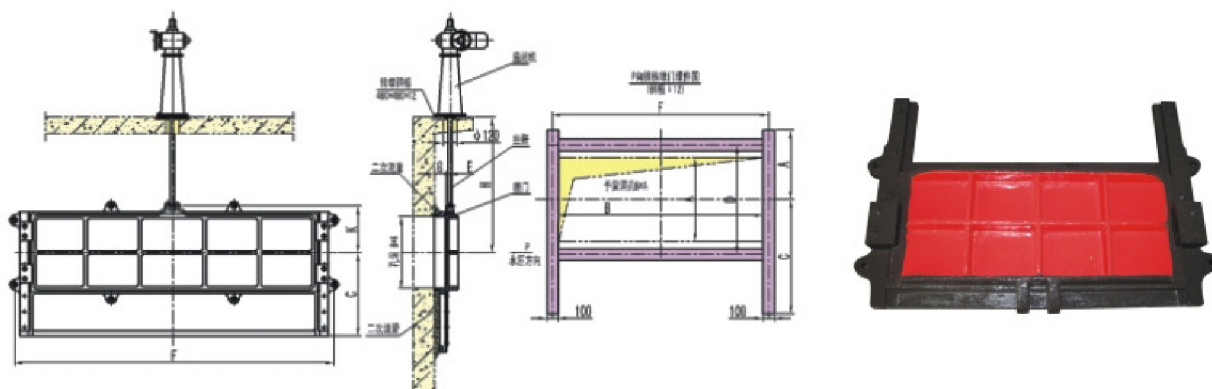
Type TY is made of cast-iron, good in corrosion resistance, simple in structure. When the higher sealing at closed state is needed, the seal surface made of bronze can be inlaid on the gate frame. But the width couldn't exceed 2m.

Type TYZ is a steel structure with rubber seal. It can stop water on three or four sides. Sealing can also be reverse. It isn't limited by the specification and is suitable for optional places. It can have a long life if it made of stainless steel.

Type TYX has fine seal effect; it almost reaches "zero leakage" state. The usable width can reach more than 6m; but the water level adjusted is less than 800mm; especially suitable for the sewage drainage in the alternatively working oxidation ditch, or for the distribution in large type of distributing well. The headstock gear is specially matched for it. Please note the start-stop mode is hand or electric, start-stop devices are not necessary to specially choose.



● TY型堰门布置图 Type TY Gate Layout





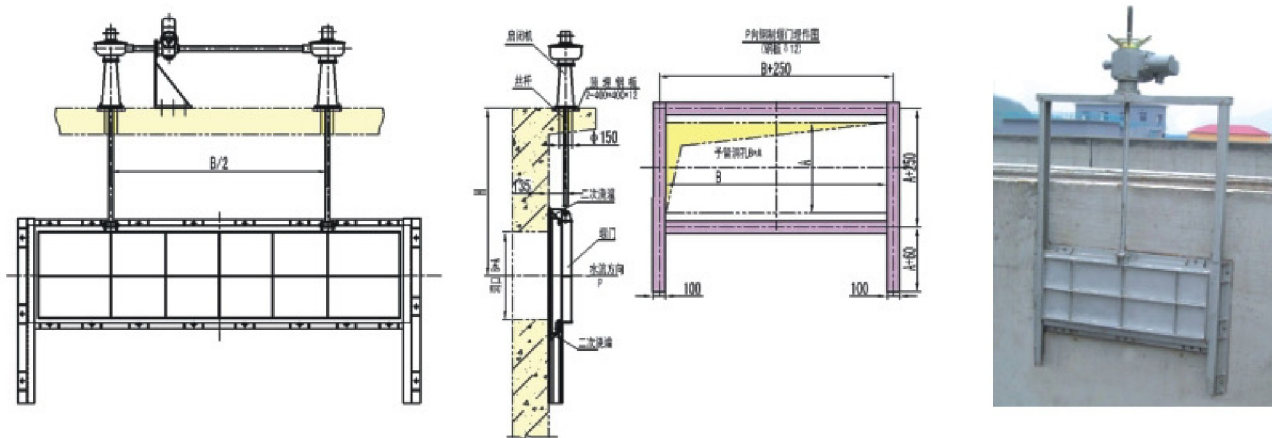
TYPE-TY ADJUSTING WEIR-GATE

● TY型堰门性能参数 Type TY Gate Technical Parameters

(mm)

通 径 B×A	C	K	G	E	F	D
400×300	370	185	65	40	620	
600×300	370	185	65	40	840	
800×300	370	185	75	40	1040	
1000×500	560	285	35	60	1150	650
1200×500	695	315	50	75	1400	645
1500×400	645	270	65	75	1700	545
1500×500	695	300	71	54	1700	645
1600×500	695	285	35	70	1750	645
1800×500	695	320	35	75	1950	650
2000×500	695	365	35	75	2250	650
2000×1000	1240	605	70	75	2250	1150
2000×1500	1250	940	70	75	2250	1650

●TYZ 型堰门布置图 Type TYZ Gate Layout



本图适用于 $B > 2500$ ，采用双吊点启闭机（手动或电动），若 $B \leq 2500$ ，采用单吊点启闭机，可不设撑杆，采用膨胀螺栓固定。

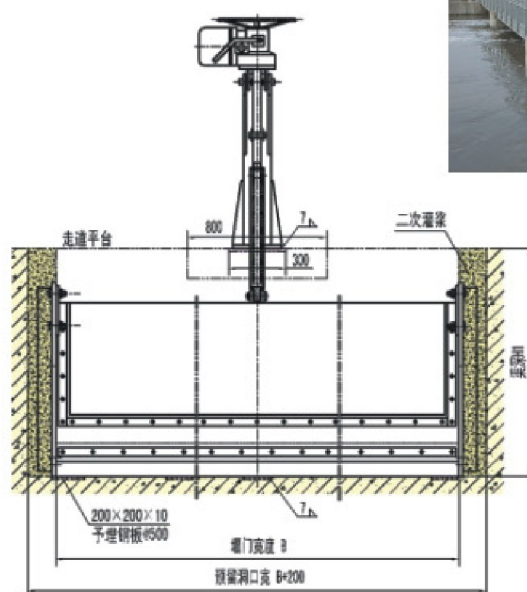
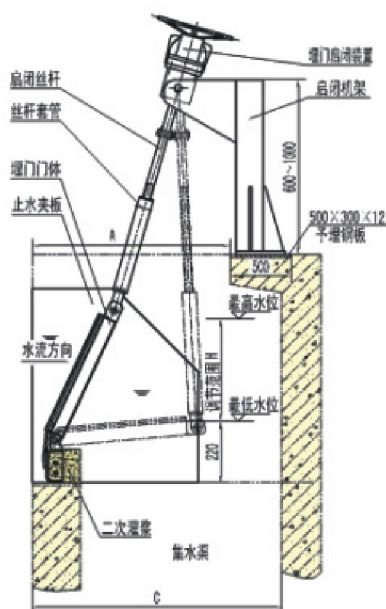


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TY 型调节堰门

TYPE-TY ADJUSTING WEIR-GATE

● TYX型堰门布置图及参数表 Type TYX Gate Layout and Parameters



尺寸	参数 (mm)										
H	300	350	400	450	500	550	600	650	700	750	800
A	450	480	520	560	600	640	670	710	750	790	830
Cmin	550	610	670	730	790	850	900	950	1000	1050	1100
B	500-6000										
功率	B≤1500mm时, N=0.25Kw, 1500mm≤B≤3000 mm时, N=0.37Kw, 3000mm≤B≤6000 mm时, N=0.55Kw										

● 订货说明 Requirements for Order

1. 注明堰门的型号、规格及数量。
2. 钢制堰门及旋转堰门需注明材质(碳钢或不锈钢), 钢制堰门需反向止水时请注明, 防腐有要求时请注明。
3. 铸铁堰门及钢制直动式堰门需注明堰门中心至启闭机平台的高度H。
4. 非标堰门, 我公司可为用户提供土建预埋件图, 并按要求设计。
1. Please note the type, specification and quantity of the weir-gate.
2. The material (carbon steel or stainless steel) Weir steel door seal, please indicate the need to reverse, should be noted for steel gate and screw gate. If anti-corrosion is demanded, please note.
3. The height H from the centre of gate to the platform of headstock gear should be indicated both for cast-iron weir-gate and steel direct-acting weir-gate.
4. For non-standard weir-gate, we provide the drawings for pre-embedded part in civil work and design according to your requirement.

