



天河水务

## Q 系列启闭机 TYPE-Q SERIES START-STOP GEARS

### ● 用途 Applications

广泛用于各类给排水工程和水利、水电工程中，主要用于控制各类闸门、堰门、阀类的升降，从而实现闸门的开启和关闭，一般分为手动和电动控制两种，当闸门或堰门宽高比值较大时，需采用双吊点启闭机。

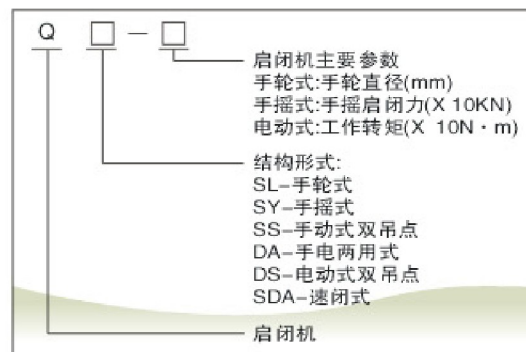
It is widely used in various water supply and sewage engineering as well as hydraulic and hydropower engineering to control the lift and drop of various gates weir-gates and valves. Generally, it can be divided into two kinds: manual and electrical control. When the ratio of height to width of gate or weir gate is larger, the two hanging-points type headstock gear will be needed.

### ● QDA、QDS型手电两用启闭机特点

Features of Type QDA, QDS Headstock Gears By Manual & Electric Control

1. 安全性能高，具有扭矩保护和行程限位双重防护措施。
2. 操作方便，可实现遥控和现场操作，单台控制和集中控制等多种控制形式。
3. 开度指示采用齿轮传动，精确可靠，并具有开、闭信号灯光指示。
4. 有普通型、室外型、防爆型、一体化型等多种形式，可适应不同环境的需要。

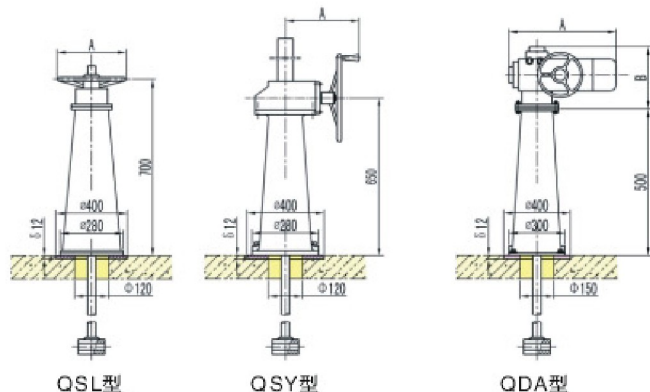
### ● 型号示例 Type and Its Indication



1. High safety, double protection mode: torque protection and lead limit protection.
2. Easy in operation; can realize remote or site operation; single unit is controlled or multi units are concentrated controlled and other control forms.
3. Opening indication is driven with gears, which is precise and reliable. The signal lamp indicates open and close.
4. There are ordinary, outdoor, explosion-proof, integrative and many other types to meet the various needs for environment.

### ● 单吊点启闭机外形与技术性能参数

Shape and Technical Performance Parameters Of Gate Lifting Device With Single Suspension Center



参数 型号	启闭力 (kN)	A (mm)	丝杆直径 (mm)
QSL-320	10	320	Φ35
QSL-400	15	400	Φ40
QSL-600	30	600	Φ45
QSY-2	20	320	Φ45
QSY-4	40	390	Φ45
QSY-8	80	450	Φ45

参数 型号	工作转矩 (N·m)	启闭力 (kN)	电机功率 (kW)	丝杆直径 (mm)	A (mm)	B (mm)
QDA-20	200	20	0.37	Φ35	478-513	346
QDA-30	300	30	0.55	Φ35	478-513	346
QDA-45	450	40	1.1	Φ45	882-895	293
QDA-60	600	60	1.5	Φ45	882-895	293
QDA-90	900	80	2.2	Φ55	882-960	323
QDA-120	1200	100	3	Φ55	882-960	323
QDA-180	1800	140	4	Φ60	946-1011	371
QDA-250	2500	180/250	5.5	Φ60/Φ80	946-1011	371



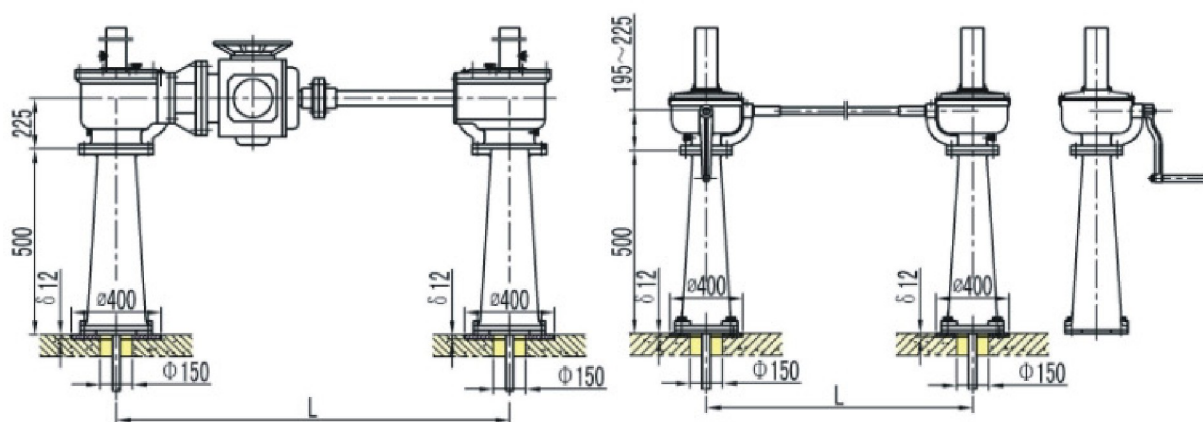


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## Q 系列启闭机 TYPE-Q SERIES START-STOP GEARS

### ● 双吊点启闭机外形与技术性能参数

Outline and Technical Performance Parameters Of Gate Lifting Device With Double Suspension Center



型 号	参 数	启闭力 ( kN )	电机功率 ( kW )	丝杆直径 ( mm )	起吊间距L(mm)
QSS-2、4、8		20、40、80		Φ45	750-3500
QDS-45		50	1.1	Φ45	1200-3000
QDS-90		100	2.2	Φ55	
QDS-180		180	4	Φ60	1550-3500
QDS-250		250	5.5	Φ80	



QPQ型 (卷扬式启闭机)



QDS型 (使用现场)



QSL型



QSY型



QDA型



QDS型



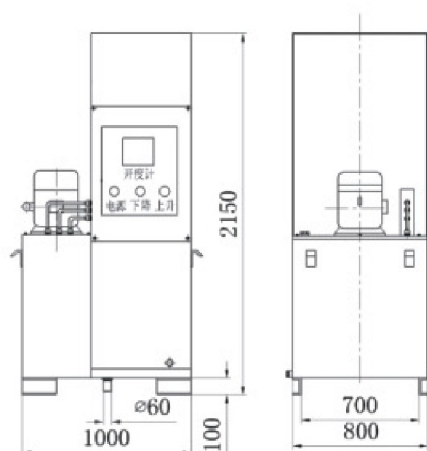
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Q 系列启闭机

TYPE-Q SERIES START-STOP GEARS

## ● SDQA-30 型速闭启闭机外形及技术参数

Type SDQA-30 Fast Close Headstock Gear Outline and Technical Parameters



SDQA型速闭启闭机（带机座）

## ● 主要技术性能参数 The main technical performance parameters

序 号	项目名称	单位	参数
1	启闭力	KN	30
2	功率	KW	5.5
3	上升速度	m/s	0.2
4	下降速度	m/s	0.5
5	丝杆直径	mm	φ 60
6	电源		380V, 50Hz

## ● 订货说明 Requirements for Order

1. 订货时须详细注明型号、规格及数量。
2. 订购QDA、QDS型手电两用启闭机时需注明环境要求（室内、室外、防爆等）。
3. QDA型启闭机不注明电动装置厂商表示按国产知名产品订货，我公司也可按用户需要，改配指定厂家电动装置或进口设备，电机功率按电动装置配套。
4. 启闭机一般与本公司闸门配套订购，若单独订购启闭机，请注明提升高度、吊点至启闭机底部距离、丝杆端部连接形式及尺寸，双吊点还需注明吊点间距L。
5. 特大型或有特殊要求的启闭机，如卷扬启闭机、液压启闭机，我公司可按要求配套。
1. Please note type, specification and quantity in detail when ordering.
2. Please note the environmental requirements (indoor, outdoor and explosion protection, etc.), when ordering Types QDA, QDS start-stop machines both by hand and electric control.
3. The motor driven device matched for Type QDA is the product from home famous equipment when it is not special ordered. Our company can also reequip them from other specific factories or foreign countries to fit customers' demands and the power will be according to the requirement for that of matched device.
4. The start-stop machine and matched gates will be ordered together, if ordering separately, please note the lifting height, distance from hanging point to bottom of the machine and connecting form and size at end of leading screw, as well as the distance L between two hanging points for two hanging points gear.
5. Our company can customize the start-stop machine with maximum type or special demands such as winding start-stop machine and hydraulic headstock start-stop machine, according to your requirements.