

Features

The Spiral Screw Actuator is a compact and robust operating device designed to open and close gates, weirs, butterfly valves, and gate valves. Using a spiral screw drive mechanism, it provides reliable linear or rotary motion with high operating capacity, making it suitable for a wide range of water supply, drainage, and hydraulic engineering applications.

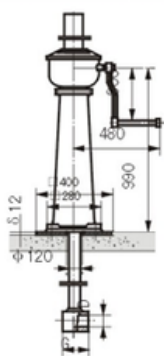
Introduction to QDA Type Manual-Electric Gate Hoist

The QDA manual and electric dual-purpose hoist is an all-around multi-functional gate hoist. It has the following clear advantages

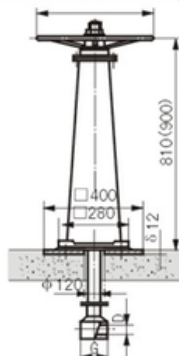
- High safety, of torque and travel limit dual protections.
- Easy operation, capable of remote control and site operation, single and collective controls, etc., multiple control types.
- The opening index uses a gear drive, accurate and reliable, for the signal lamp on and off indication.
- It is available in various types such as standard, outdoor, and explosion-proof models, which can meet the needs of diverse environments.

Technical Parameters of QSL Type

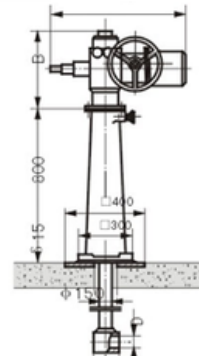
Parameter Model	Open-close force (T)	Basic dimension			Screw		
		A	D	G	Full length	Reference length	Diameter
QSL-250	0.5	250	φ20	30	3000	600	φ22
QSL-320	0.8	320	φ25	40	3000	1000	φ32
QSL-400	1	400	φ25	45	3000	1000	φ40



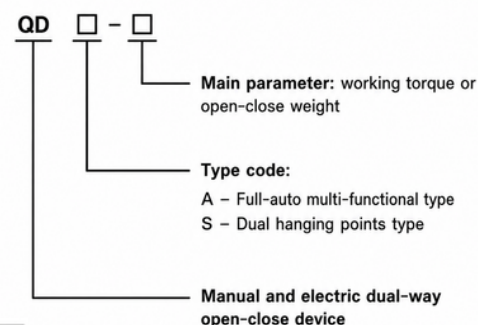
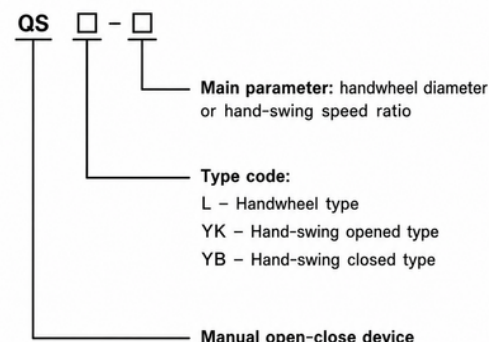
QSYB



QSL



QDA



Technical Parameters of QDA Type

mm

Parameter model	working torque (kgfm)	Open-close force (T)	motor power (kW)	screw			Basic dimension			
				full length	referential length	diameter	A	B	D	G
QDA-45	45	4	1.1	3000	1500	φ44	715	340~510	φ35	50
QDA-60	60	6	1.5	3000	2000	φ44	715	340~510	φ35	50
QDA-90	90	8	2.2	3000	2500	φ55	845	340~510	φ40	70
QDA-120	120	10	3	3000	2500	φ55	845	360~670	φ40	70
QDA-180	180	14	4	3000	2500	φ75	990	360~670	φ45	90
QDA-250	250	18	5.5	3000	2800	φ75	990	430~560	φ55	90

Technical Parameters of Type QSYB

mm

model	Open-close force (T)	Basic dimension		screw		
		D	G	full length	referential length	diameter
QSYB-2	1.5	φ30	50	3000	1000	φ40
QSYB-4	3	φ30	50	3000	1500	φ40