

KLD20S Super Mini 2-Way Motorized Ball Valve (On/Off)



Features:

- ⊙ Mini dimension suits for small equipment
- ⊙ Patented technology--floating seal structure
- ⊙ Long service life —70000 -100000 circles
- ⊙ Low working current, suitable for battery driving
- ⊙ Manual override is safe and convenient
- ⊙ IP67 Enclosure

Applications:

- ⊙ HVAC
- ⊙ Water treatment
- ⊙ Chemical process
- ⊙ Small equipment for automatic control
- ⊙ Replacing solenoid valve, particularly when solenoid cannot work reliably

Technical Parameters:

Series	Max Torque	Operating time	Working voltage	Max power	Enclosure	Max pressure	Medium temperature	Ambient temperature	Humidity
KLD20S	2N.M	5-7S	DC5V	3W	IP67	1.6Mpa	0-100℃	-20℃<t<45℃	<95%
			AC/DC12V,24V	4W					
			AC110V,220V	5W					

Dimension:

Full-port

Reduced-port

Main components

Parts	Material
Actuator housing	ABS
Valve body	brass, 304,316
Valve ball	brass, 304,316
Stem	brass, 304,316
Ball seat	PTFE
Seal	EPDM

Full port ball valve connection size

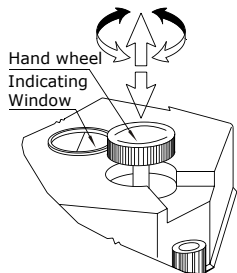
unit: mm

DN	D1/D2	d	L1/L2	L3	F	A	B	C	H3	H2	H1	W(kg)
DN8	G1/4"	8	11	43	17	66.5	54.5	16.3	48	11	74	0.26
DN15	G1/2"	15	13	57	27	66.5	54.5	16.3	48	16.5	77	0.37
DN20	G3/4"	20	16	70	32	66.5	54.5	16.3	48	21.5	81	0.52

Reduced port ball valve connection size

unit: mm

DN	D1/D2	d	L1/L2	L3	F	A	B	C	H3	H2	H1	W(kg)
DN20	G3/4"	15	15	64.5	30	66.5	54.5	16.3	48	16.5	77	0.37
DN25	G1"	20	18	76	38	66.5	54.5	16.3	48	21.5	81	0.52



Instructions for Manual override:

- ⊙ It is only permitted to use when power is cut.
- ⊙ Lift the hand-wheel, and turn it left or right until the valve is in place.
- ⊙ When the black line on the indicator is horizontal, the valve is on; when vertical, the valve is off.
- ⊙ Press down hand-wheel after using manual override in order to work properly when power is supplied.

Wring: B2, B3, BD3 are available

- ⊙ The service life is the testing data in the condition of 1.0Mpa, 200L/h, tap water as working medium. Different working occasions will influence the service life.
- ⊙ Manual shaft and hand-wheel will be replaced by another upper cover if manual override function is not needed.
- ⊙ Actuators are not direct-mount-on. Actuators are not recommended to be sold separately.

