



Features

- ⊙ Mini dimension suits for small equipment
- ⊙ Patented technology--floating seal structure
- ⊙ Long service life —70,000-100,000 cycles
- ⊙ Low working current, suitable for batterydriving
- ⊙ IP67 Enclosure

Applications

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

Technical Parameters

Series	Manual Override	Max Torque	Operating Time	Working Voltage	Max Power	Enclosure	Max Pressure	Medium Temp	Ambient Temp	Humidity
KLD20S	yes	2N.M	about 5s	DC5V、12V	3W	IP67	1.0Mpa	0-100℃	-20℃<t<45℃	≤85% (non-condensing)
KLD20J	no			AC/DC12V、24V	4W					
				AC110V、220V	5W					

Dimensions

Main components

Parts	Material
Actuator housing	ABS
Valve body	Brass with nickel plating. 304. 316
Valve ball	Brass with chrome plating. 304. 316
Stem	Brass. 304. 316
Ball seat	PTFE
Seal	EPDM、FPM、SI

3-way valve B connection size

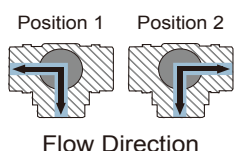
unit: mm

DN	D1/D2	d	L1/L2	L3	L4/L5/L6	L	H1	H2	F	W(kg)
DN8	G1/4"	6	25	38.5	11.7	50	11	18.25	17	0.26
DN10	G3/8"	8	27.5	44	13	55	13	19.75	20	0.31
DN15	G1/2"	12	33.5	54.5	15	67	17	21.25	27	0.37
DN20	G3/4"	15	38.5	64	15	77	20.3	23.25	31	0.52
DN25	G1"	15	47	72.5	18	94	20.3	23.25	38	0.84

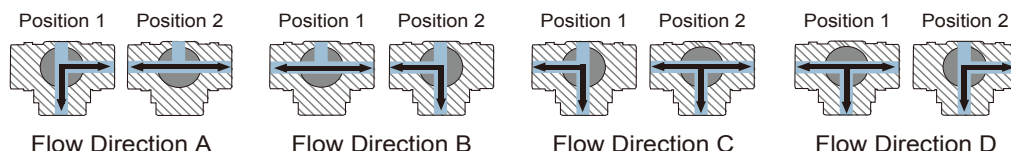
Notes: DN8 and DN25 only have brass.

Flow Direction

L port



T port



* We can customize 3 positions 3-way flow pattern,feel free to contact us for details.

Wiring: B2, B3, BD3,KT2 are available.We can accept feedback customization.Please contact sales for more details.

- ⊙ 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.
- ⊙ KLD20S has manual override; KLD20J does not have manual override,other parameters are the same as KLD20S.
- ⊙ Actuators are not direct-mount-on. Actuators are not recommended to be sold separately.
- ⊙ The pressure is tested under one-way direction.