


Basic parameter

ABD170A	
	
Type	ABD170A Single Valve Series
Operating Voltage	AC220-240V 50/60Hz
	AC100-110V 50/60Hz
Applicable Fluid	Water 1-65°C
Standard Flow	3-25L/min Customizable (large flow)
	0.2-7L/min Customizable (small flow)
Water pressure	0.02-1.0Mpa

Technical parameters

1. Smooth appearance, uniform color, fastness
2. Nominal voltage : 220V 50Hz : **Customizable**
3. Rated current : $27 \pm 5\text{mA}$
4. Insulation grade : E grade
5. Apply pressure : 0.02-1.0MPa
6. Maximum resistance to water pressure: Less than 2.0MPa, no leakage after 10min
7. Flow requirements : (**Customizable**)

Water pressure (MPa)	0.02	0.5	0.8	Max
Flow (L/min)	>3	>12	>21	<25

8. Coil resistance : $4.7 \pm 0.3\text{K} \Omega$
9. The service life not less than 30000 times, at room temperature, power on for 5 seconds at rated voltage, and power off for another 5 seconds is one cycle :(1) at 0.02MPa, 50000 times;(2) at 0.3mpa, 20000 times;(3) at 0.8mpa, 5000 times
10. The coil should not be burnt out after 8 hours of continuous electrification.