

# SOLENOID VALVES

## DP-10

- Fluid-free service for steam, air, water and oil
- Small and compact but large capacity
- Vertical or horizontal installation is possible.

Application		Steam, Air, Water, Oil, Non-corrosive fluids
Working pressure		0.05~1.0MPa (0.5~10kgf/cm <sup>2</sup> G)
Min. differential pressure		0.05MPa (0.5kgf/cm <sup>2</sup> G)
Max.Temperature		180°C
Rated voltage		AC100/200V selective 50/60Hz common AC110/220V selective 50/60Hz common AC120/240V selective 50/60Hz common
Operation		Normally closed
Connection		JIS Rc(PT) screwed
Material	Body	Bronze
	Piston	Stainless steel
	Valve disc	PTFE
Size		3/8"-2"



## DP-10C

- Fluid-free service for steam, air, water and oil
- Small and compact, but large capacity
- Vertical or horizontal installation is possible.

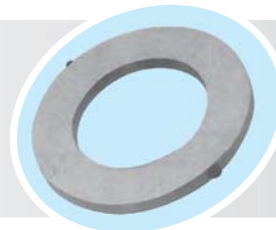
Application		Steam, Air, Water, Oil, Non-corrosive fluids
Working pressure		0.05~1.0MPa (0.5~10kgf/cm <sup>2</sup> G)
Min. differential pressure		0.05MPa (0.5kgf/cm <sup>2</sup> G)
Max.Temperature		180°C
Rated voltage		AC100/200V selective 50/60Hz common AC110/220V selective 50/60Hz common AC120/240V selective 50/60Hz common
Operation		Normally opened
Connection		JIS Rc(PT) screwed
Material	Body	Bronze
	Piston	Stainless steel
	Valve disc	PTFE
Size		3/8"-2"



## DP-10 series option

### Operation ring

"Operation ring" permits verification of operation from any direction.



## DP-33

- Small and compact but large capacity
- Zero-differential working pressure
- Vertical or horizontal installation is possible.

Application		Air, Water, Oil, Non-corrosive fluids
Working pressure		0 ~1.0MPa (0 ~10kgf/cm <sup>2</sup> G)*
Min. differential pressure		0 MPa (0 kgf/cm <sup>2</sup> )
Max.Temperature		60°C
Rated voltage		AC220V 50/60Hz
Operation		Normally closed
Connection		JIS Rc(PT) screwed
Material	Body	Bronze
	Valve	NBR (Diaphragm)
Size		1/2"-1"

\* 0~0.6MPa (0~6kgf/cm<sup>2</sup>G) for oil service.



## DP-15

- Stainless steel made enables long life.
- Fluids-free service for steam, air, water and oil(DP-15, DP-17)
- Small and compact but large capacity

Model	DP-15	DP-17	DP-16	DP-18	
Application	Steam, Air, Water, Oil, Non-corrosive fluids		Air, Water, Oil, Non-corrosive fluids		
Working pressure	0.05~1.0MPa(0.5~10kgf/cm <sup>2</sup> G)		0~1.0MPa(0~10kgf/cm <sup>2</sup> G)		
Min. differential pressure	0.05MPa(0.5kgf/cm <sup>2</sup> )		0MPa(0kgf/cm <sup>2</sup> )		
Max.Temperature	180°C		60°C		
Rated voltage	AC100/200V selective 50/60Hz common AC110/220V selective 50/60Hz common AC120/240V selective 50/60Hz common				
Operation	Normally closed *				
Connection	JIS Rc(PT)screwed	JIS 10K FF flanged	JIS Rc(PT)screwed	JIS 10K FF flanged	
Material	Body				
	Stainless steel				
	Piston		-		
Valve disc		PTFE(Disc)		NBR(Diaphragm)	
Size		1/2"-2"			

\* Normally opened is available as DP-15C, DP-17C, DP-16C and DP-18C.

\*\* DC coil is available as DP-15D, DP-17D, DP-16D and DP-18D.

