

# DD-2,3

**RED MAN**<sup>TM</sup>  
ULTRA-HIGH PERFORMANCE SOLENOID

Pilot type	Direct type	Piston	Diaphragm
Normally closed	Normally opened	AC coil	DC coil
Stainless steel	110 V / 220 V	Explosion-proof	JWWA
Leak 0			



## ■Features

1. Outstanding corrosion resistance achieved by adopting stainless steel for major parts and body.
2. Significantly improved corrosion resistance with stainless steel made body and trim parts.
3. Various installation postures: Vertical or horizontal including intermediates.
4. Equipped with coil of AC 110/220V selective and common for 50 Hz/60 Hz.

## ■Specifications

Model	DD-2	DD-2-8	DD-3	DD-3-8
Application	Steam, Air, Cold and hot water, N <sub>2</sub> gas, CO <sub>2</sub> gas (dry), Ar gas, Oil		Air, Cold and hot water, N <sub>2</sub> gas, CO <sub>2</sub> gas (dry), Ar gas, Oil	
Fluid viscosity	20 cSt or less			
Working pressure	0-0.15 MPa	0-0.8 MPa	0-0.15 MPa	0-0.8 MPa
Orifice (mm)	φ 9.5	φ 4.0	φ 9.5	φ 4.0
Cv value	1.7	0.55	1.7	0.55
Allowable valve seat leakage	50 mL/min under standard conditions		No (by confirming pressure gauge visually)	
MAX temperature	175°C		100°C	
Operation	Normally closed			
Material	Body	Stainless steel (SCS14A)		
	Plunger	Stainless steel		
	Valve disc	PTFE		FKM
Connection	JIS Rc screwed			

## ■Specification of Coil

Rated voltage	AC 100 / 200 V selective type	AC 110 / 220 V selective type
	50 / 60 Hz common	
Allowable fluctuation	Rated voltage ±10%	
Rated current	0.42 / 0.21 A	0.38 / 0.19 A
Starting current	1.10 / 0.55 A	1.00 / 0.50 A
Insulation class	Insulation class H	
Protective structure	Dust proof, Splash proof	
Ingress protection code	IP64 (JIS C0920)	
Insulation resistance	50 MΩ and more/500V megger	
Withstand voltage test	1500 V/min	

· Available with the terminal box.