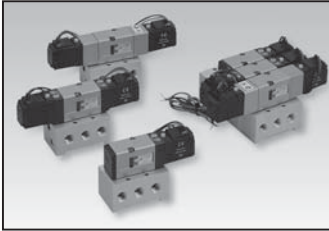
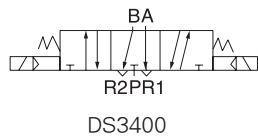
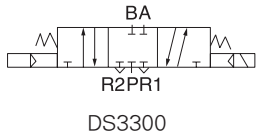
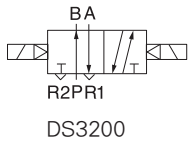
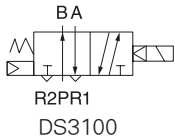


5 Port Pilot Solenoid Valve Sub Base Type Series DS3000



- Low power consumption/1.8WDC
- Large flow capacity/Cv0.9
- Compact light weight design
- Designed for non-lubricated Service

< Symbol >



Model	Port Size		Position	Solenoid	Effective Orifice mm ² (Cv)	Pressure kgf/cm ² (psi)
	DS	UDS				
DS3100	RC(PT) 1/4	NPT 1/4	2	Single	16(0.9)	1.5~9(21~128)
DS3200				Double		1~9(14~128)
DS3300			3	Closed Center	12.5(0.7)	1.5~9(21~128)
DS3400				Exhaust Center	16(0.9)	

How to Order

- Valve + Sub Base

DS 3 **1** 0 0 **5** **G** **L** **8A** **06** **XC16** **XWL**-**

1
2
3
4
5
6
7
8
9

① Type of Actuation

- 1 : 2 Position/Single Solenoid
- 2 : 2 Position/Double Solenoid
- 3 : 3 Position/Closed Center
- 4 : 3 Position/Exhaust Center

② Body Option

- 0 : Standard
- 3 : Common Exhaust for Main and Pilot Valve

③ Voltage

- 1 : AC110V, 50/60Hz
- 2 : AC220V, 50/60Hz
- 3 : AC120V, 50/60Hz
- 4 : AC240V, 50/60Hz
- 5 : DC24V
- 6 : DC12V
- 7 : DC6V
- 8 : AC24V(50/60Hz)
- 9 : Other

④ Electronic Entry/Indicator Light and Surge Suppressor

- G : Grommet (Lead Wire Length 300mm)
- DZ : DIN Connector with Indicator Light and Surge Suppressor
- N : DIN Connector (Without Din type Connector)

⑤ Manual Override

- Blank : Non-Locking PushType
- L : Knob Locking Type

⑥ Port Size (Sup., CYL)

- Blank : Valve Body Only (without Sub Plate)
- 8A : Rc(PT)1/4 (with Sub Plate)
- U8A : NPT1/4 (with Sub Plate)

⑦ One-Touch Fitting

- Blank : Without One-Touch Fitting
- 06 : φ6 One-Touch Fitting
- 08 : φ8 One-Touch Fitting

⑧ Special Option

- Blank : Standard Type
- XC16 : Copper-Free

⑨ Lead wire length

- Blank : 300mm(standard)
- XWL01 : 100mm
- XWL02 : 200mm
- ∴ Other length : Contact us

- Manifold

U **DSM** **3** — **00** — **02** — **06**

1
2
3

① Thread

- Blank : Metric RC(PT)1/4
- U : NPT

② Stations

- 01 : 1 station
- 02 : 2 stations
- 03 : 3 stations
- ∴
- 10 : 10 stations

③ One-Touch Fitting

- Blank : Without
- 06 : φ6 One-Touch Fitting
- 08 : φ8 One-Touch Fitting

- Blanking Plate

DSB **3** — **00** (Including Gasket & Bolt)

Specifications

Fluid		Air
Operating Pressure Range	2 Position Single · 3Position 2 Position Double	1.5~9 kgf/cm ² (21~128 psi) 1~9 kgf/cm ² (14~128 psi)
Ambient and Fluid Temperature		50°C(122°F)
Response Time	2 Position Single/Double 3Position	30 ms or Less (0.5 Mpa) 40 ms or Less (0.5 Mpa)
Max. Operating Frequency	2 Position Single/Double 3 Position	5 Hz 3 Hz
Lubrication		Not Required*
Manual Override		Non-Lock Push Type, Knob Lock Type
Mounting Position		Free
Impact/Vibration Resistance		30G/5G(8.3~200Hz)
Enclosure		Dust Proof
Pilot Exhaust		Individual Exhaust, Common Exhaust for Main Valve and Pilot Valve

Electrical entry		Grommet, DIN Connector	
Coil Voltages	AC 50/60Hz	110 or 100V, 200 or 220V, 120V, 240V, 24V	
	DC	6V, 12V, 24V	
Allowable Voltage		-15~ + 10% of rated voltage	
Power Consumption	AC	Starting	5.6VA(50Hz), 5.0VA(60Hz)
		Holding	3.4VA(50Hz), 2.3VA(60Hz)
Indicator Light/Surge	DC	1.8W/2W(With LED)	
Suppressor Circuit	AC	LED, Varistor	
	DC	LED, Varistor	