

# Enter the World of Solenoid Valves



## **ATLAS** ENGINEERING COMPANY

519, S.V.P. Road, Opera House, Mumbai - 400 004.

Tel. : 022-2382 5043, 2387 7179, 3091 8392 Fax : 022-2386 5537

Email : sales@pneumaticsindia.com, Website : www.pneumaticsindia.com

### *Other Products From Atlas*

**schrader**  **bellows**  
•Pneumatics

•Fittings •Tubing  
•Ball Valves

•Quick Release Couplings  
•Cam & Groove Couplings

• Auto Drain Valves  
• Air Driers

  
• Rotary Union

## 200 SERIES (2 WAY)



### FDM 200

**TYPE :** FDM 200/2 Way Direct Operated Midget Type SOLENOID VALVES Normally Closed Only.  
**SIZE :** 1/8", 1/4" BSP/NPT.  
**MED. :** Air, Water, Inert Gas, L.D. Oil.  
**PORT SIZE :** 1 mm. to 4mm.  
**OP. PRESSURE :** 0 to 30 Kg./Cm2  
**BODY MATERIAL :** Brass, S.S. 304 316, Zinc.  
**FLUID TEMPERATURE :** 80 C. Max.



### FD 200

**TYPE :** FDM 200/2 Way Direct Operated SOLENOID VALVES Normally Closed  
**SIZE :** 1/8", 3/4" BSP/NPT.  
**MED. :** Air, Water, Inert Gas, L.D. Oil.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0 to 1Kg./Cm2  
**BODY MATERIAL :** Forged Brass, S.S. 304, S.S. 316  
**FLUID TEMPERATURE :** 80 C. Max.



### FS 200 HP

**TYPE :** FS 200 HP / 2 Way Pilot Operated SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 1" to 2" BSP/NPT.  
**MED. :** Air, Water, L.D. Oil & Steam.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0.5 to 30 Kg./Cm2.  
**BODY MATERIAL :** Forged Brass, C. Bronze, S.S.  
**FLUID TEMPERATURE :** 180 C Max.



### FP 200 HP

**TYPE :** FP 200 HP/2 Way Pilot Operated SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 1/4" to 3/4" BSP/NPT.  
**MED. :** Air, Water, L.D. Oil & Steam.  
**PORT SIZE :** 6 mm.  
**OP. PRESSURE :** 0.5 to 50Kg./Cm2,  
**BODY MATERIAL :** Forged Brass, S.S. 304, S.S. 316  
**FLUID TEMPERATURE :** 150 C. Max.  
1/2" to 3/4" Valves with adaptor.



### FSD 200

**TYPE :** FSD 200/2 Way Diaphragm Type Pilot Arrangement SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 1" to 2" BSP/NPT.  
**MED. :** Air, Water, Gas, L.D. Oil.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0.3 to 10 Kg./Cm2.  
**BODY MATERIAL :** Forged Brass, Cast Bronze, S.S. 304, S.S. 316.  
**FLUID TEMPERATURE :** 80 C Max.  
Teflon, Viton Diaphragm can be supplied for higher temperature upto 150 C.



### FSD 200

**TYPE :** FSD 200/2 Way Diaphragm Type Pilot Arrangement Servo Operated SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 2 1/2" to 4" BSP/NPT.  
**MED. :** Air, Water, Gas, L.D. Oil.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0.5 to 7Kg./Cm2.  
**BODY MATERIAL :** C. Bronze, C.I., C.S., S.S.  
**FLUID TEMPERATURE :** 80 C. Max.



### FD 200

**TYPE :** FD 200/2 Way Direct Operated SOLENOID VALVES Full Port Normally Closed Only.  
**SIZE :** 1" to 4" BSP/NPT/FLG.  
**MED. :** Air, Water, L.D. Oil.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0 to 3.0 Kg./Cm2.  
**BODY MATERIAL :** C. Bronze.  
**FLUID TEMPERATURE :** 80 C. Max.



### FS 200

**TYPE :** FS 200 / 2 Way Servo Operated SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 1/8" to 3/4" BSP/NPT.  
**MED. :** Air, Water, Inert Gas, L.D. Oil & Steam.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0.3 to 10 Kg./Cm2.  
**BODY MATERIAL :** Forged Brass, S.S. 304, S.S. 316.  
**FLUID TEMPERATURE :** 80 C. Max.  
Higher pressure upto 20 Kg./Cm2 on request.



### FS 208, 2010, 2012

**TYPE :** FS 208, 2010, 2012 / 2 Way Servo Operated SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 1" to 2" BSP/NPT.  
**MED. :** Air, Water, L.D. Oil & Steam.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0.5 to 10 Kg./Cm2.  
**BODY MATERIAL :** C. Bronze.  
**FLUID TEMPERATURE :** 150 C. Max.



### FSD 200

**TYPE :** FSD 200/2 Way Diaphragm Type Pilot Arrangement For Fast Acting SOLENOID VALVES Normally Closed and Normally Open.  
**SIZE :** 1/8" to 3/4" BSP/NPT.  
**MED. :** Air, Water, Inert Gas, L.D. Oil, Steam.  
**PORT SIZE :** Full Port.  
**OP. PRESSURE :** 0.3 to 10 Kg./Cm2.  
**BODY MATERIAL :** Forged Brass, S.S. 304, S.S. 316.  
**FLUID TEMPERATURE :** 80 C. Max. Teflon, Viton Diaphragm can be given for 150 C Max.



### FSD 200 FLG

TYPE : FSD 200 FLG / 2 Way  
Diaphragm Type Pilot Arrangement  
Flanged End SOLENOID VALVES  
Normally Closed and Normally Open.  
SIZE : 1/2" to 4"  
MED. : Air, Water, Gas, L.D. Oil.  
PORT SIZE : Full Port.  
OP. PRESSURE : 0.5 to 7 Kg./Cm2.  
BODY MATERIAL : Gum Metal,  
C. Iron, C.S., S.S  
FLUID TEMPERATURE : 80 C. Max.  
Flange Rating-ASA 150 # R.F.Std.



### FSDA 200 / FSDAP 200

TYPE : FSDA 200/2 Way Pilot Operated  
Dust collector SOLENOID VALVES  
Normally Closed.  
SIZE : 1/8" to 3/4" BSP/NPT.  
MED. : Air  
PORT SIZE : Full Port.  
OP. PRESSURE : 0.3 to 10 Kg./Cm2.  
BODY MATERIAL : Die Cast Aluminium  
FLUID TEMPERATURE : 80 C. Max.  
Teflon, Viton, EPDM, polyurethane  
diaphragm can be supplied on request.

## FCY SERIES



### FCY 200

TYPE : FCY 200/2 Way Pneumatically  
Operated control valves Normally Open  
& Normally Closed.  
SIZE : 1/2" to 2" BSP/NPT  
MED. : Air, Water, Oil, Gas, Steam.  
PORT SIZE : Full Port.  
OP. PRESSURE : 0 to 10 Kg./Cm2.  
BODY MATERIAL : S.S. 304, S.S. 316  
FLUID TEMPERATURE : 180 C. Max.

## 300 SERIES (3WAY)



### FD 300

TYPE : FD 300/3 Way Direct Operated  
SOLENOID VALVES Normally Closed  
SIZE : 1/8" to 1/4" BSP/NPT.  
MED. : Air, Water, Gas, Oil.  
PORT SIZE : 1.2 mm. to 3 mm  
OP. PRESSURE : 0 mm to 20 Kg./Cm2.  
BODY MATERIAL : Zinc, Brass, S.S.  
FLUID TEMPERATURE : 80 C. Max.



### FKP 300

TYPE : FKP 300 / 3 Way Direct  
Operated SOLENOID VALVES  
Normally Closed with Manual Operator.  
SIZE : 1/4" BSP/NPT.  
MED. : Air, Water, Gas, Oil.  
PORT SIZE : 1.2 mm.  
OP. PRESSURE : 0 to 25 Kg./Cm2.  
BODY MATERIAL : S.S. 304, S.S. 316  
FLUID TEMPERATURE : 80 C. Max.



### FDU 300

TYPE : FDU 300/3 Way Direct Operated  
SOLENOID VALVES Normally Closed,  
Normally Open.& Universal Operation.  
SIZE : 1/8" to 3/8" BSP/NPT.  
MED. : Air, Water, Inert Gas, L.D. Oil.  
PORT SIZE : 1.2 mm. to 3 mm.  
OP. PRESSURE : 0 to 15 Kg./Cm2.  
BODY MATERIAL : Forged Brass, S.S.  
304, S.S. 316.  
FLUID TEMPERATURE : 80 C. Max.  
Higher pressure upto 25Kg./Cm2 on  
request.



### FPQ 300

TYPE : FPQ 300/3 Way Pilot Operated  
SOLENOID VALVES Normally Closed  
and Normally Open  
SIZE : 1/4" to 1/2" BSP/NPT.  
MED. : Air, Water, L.D. Oil.  
PORT SIZE : 6 mm.  
OP. PRESSURE : 0.8 to 15 Kg./Cm2.  
BODY MATERIAL : Forged Brass  
FLUID TEMPERATURE : 85 C. Max..  
A minimum operating pressure differential  
must be maintained between inlet & exh.  
Port. 3/8" & 1/2" BSP/NPT Valves will be  
supplied with suitable adaptor.



### FSD 300

TYPE : FSD 300/3 Way Diaphragm  
Type Pilot Arrangement SOLENOID  
VALVES Normally Closed and  
Normally Open.  
SIZE : 1/2" to 3/4" BSP/NPT.  
MED. : Air, Water, Gas.  
PORT SIZE : 12 mm.  
OP. PRESSURE : 0.3 to 10 Kg./Cm2.  
BODY MATERIAL : Cast Bronze.  
FLUID TEMPERATURE : 80 C. Max.



### FDL 300

TYPE : FDL 300/3 Way Lever Operated  
SOLENOID VALVES Normally Closed,  
Normally Open & Universal Operation.  
SIZE : 1/8" to 3/8" BSP/NPT.  
MED. : Air, Water, Inert Gas, L.D. Oil &  
Steam.  
PORT SIZE : 4 mm. to 8 mm.  
OP. PRESSURE : 0 to 15 Kg./Cm2.  
BODY MATERIAL : Forged Brass  
FLUID TEMPERATURE : 150 C. Max.  
Higher Operating Pressure, upto 30 Kg.  
available on request.