

Catalogue No.

APL / 1020

## 2/2 Way Direct Acting "BSD" Solenoid Valves

For Air / Gas / Oil / Water / Chemical



"aira" solenoid valves are the best for the inflammable media. The Flameproof Explosion proof solenoid coils are available in such application.

**Size Range : 1/8", 1/4", 3/8" & 1/2" BSP / NPT**

**Types:** Normally Close (N/C) / Normally Open (N/O) / Universal

- Compact design light weight & long durability.
- Constructed from advanced technology & design.
- 600 operation per minute.
- Easy installation, universal mounting.

**GROUP - I**

Suitable for 0 to 10 Kg/Cm<sup>2</sup>

**GROUP - II**

Suitable for 2, 10, 35 & 70 Kg/ Cm<sup>2</sup>

**Technical Specifications :**

|                      |  |
|----------------------|--|
| Body Construction    | IC S.S. 304 / Aluminium / Brass Forged       |
| Seat                 | Viton  |
| Temperature of fluid | -5° C to 85° C (high temperature on request) |
| Coil Voltage         | 12V, 24V, 48V, 110V, 220V AC / DC            |
| Media                | Air / Gas / Oil / Water / Chemical           |



**Technical Specification Table**

| Group    | Type        | Size          | Position | Orifice | Press. |
|----------|-------------|---------------|----------|---------|--------|
|          |             | Inch          |          |         |        |
| Group I  | BSD-I/SBD-I | 1/4           | N/C      | 2.5 mm  | 10 Kg  |
| Group I  | BSD-I/SBD-I | 1/2           | N/C      | 2.5 mm  | 10 Kg  |
| Group I  | BUD-I/UBD-I | 1/4           | N/C      | 1.2 mm  | 10 Kg  |
| Group I  | BUD-I/UBD-I | 1/2           | N/C      | 1.2 mm  | 10 Kg  |
| Group II | BBC-II      | 1/4, 3/8, 1/2 | N/C      | 4 mm    | 10 Kg  |
| Group II | BBC-II      | 1/4, 3/8, 1/2 | N/C      | 2.2 mm  | 35 Kg  |
| Group II | BBC-II      | 1/4, 3/8, 1/2 | N/C      | 1.2 mm  | 70 Kg  |
| Group II | BBC-II      | 1/2           | N/C      | 15 mm   | 2 Kg   |
| Group II | BBS-II      | 1/4, 3/8, 1/2 | N/C      | 4 mm    | 10 Kg  |
| Group II | BBS-II      | 1/4, 3/8, 1/2 | N/C      | 2.2 mm  | 35 Kg  |
| Group II | BBS-II      | 1/4, 3/8, 1/2 | N/C      | 1.2 mm  | 70 Kg  |

**Dimensions :** (All dimensions are in MM)

| Size |      | C  | Group - I |    |    |     |
|------|------|----|-----------|----|----|-----|
| MM   | Inch |    | A         | B  | A  | B   |
| 6    | 1/4  | 10 | 68        | 71 | 92 | 100 |
| 10   | 3/8  | 14 | 72        | 74 | 92 | 100 |
| 15   | 1/2  | 14 | 72        | 74 | 92 | 100 |



## 2/2 Way Diaphragm Operated Solenoid Valves

Catalogue No.

APL / 1040

**Technical Specifications :**

|                   |                             |
|-------------------|-----------------------------|
| Model             | GSDM                        |
| Size              | 1/2" (15mm)                 |
| Body Construction | Brass Forged                |
| Diaphragm & Seals | Nitrile / E.P.D.M.          |
| Pressure          | 0 To 6 Kg / Cm <sup>2</sup> |
| Temperature       | 80 °C                       |
| Orifice           | 12 mm                       |

