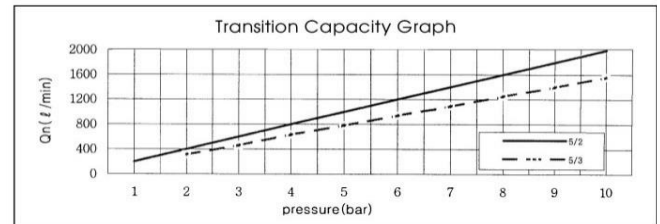


- Compact Design 23mm Body Width

## SPECIFICATION

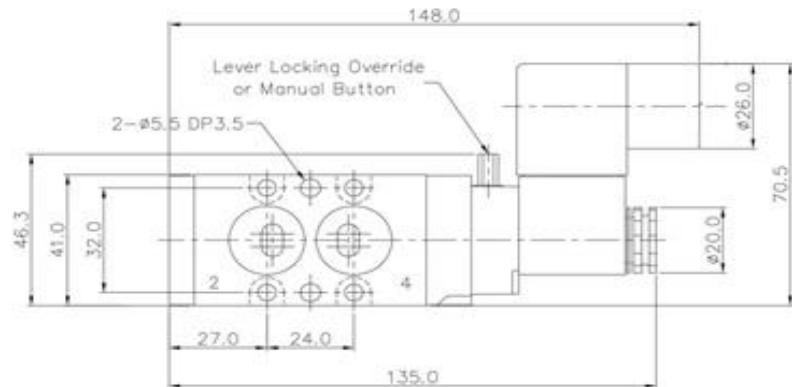
| ITEM                                       | FUNCTION | SOLENOID, PNEUMATIC                         |                   |
|--------------------------------------------|----------|---------------------------------------------|-------------------|
|                                            |          | 5 Port 2 Position                           | 5 Port 3 Position |
| Fluids                                     |          | Compressed Air & Inert Gases                |                   |
| Pressure(bar)                              |          | 1.5~10.0                                    | 2.0~10.0          |
| Eff. Sectional Area(mm <sup>2</sup> )-5bar |          | 18.0                                        | 12.0              |
| Ambient & Fluid Temp.                      |          | 5~60°C (41~140°F)                           |                   |
| Response Time(5bar)                        |          | 30ms or Less                                | 40ms or Less      |
| Max. Working Frequency                     |          | 5c/sec                                      | 3c/sec            |
| Lubrication                                |          | Not Required(Use ISO VG32 #)                |                   |
| Manual Override                            |          | Push Button(Standard), Lever Lock(Optional) |                   |
| Coil Insulation Class                      |          | F-Class or Equivalent                       |                   |
| Permissible Voltage Variation              |          | ±10% of Rated Voltage                       |                   |
| Off Min. Residual Voltage                  |          | AC:20% or Less / DC:10% or Less             |                   |
| Power Consumption                          |          | Holding-AC:5.5VA(60Hz) / DC:2.5W            |                   |



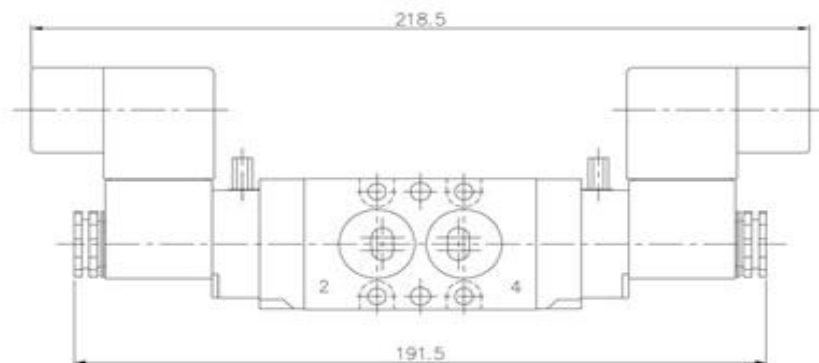
The Material of Parts

|                                   |                                    |
|-----------------------------------|------------------------------------|
| ■ Valve Body : Die-Cast Aluminium | ■ Pilot Parts : Glass Filled Nylon |
| ■ Spool : Aluminium               | ■ Armature : Stainless Steel       |
| ■ Seals : NBR                     | ■ Armature Seals : Viton           |
| ■ Spring : Stainless              |                                    |
| ■ Cap : Zinc Pressure Die-Cast    |                                    |

## ANS3101



## ANS3200



# COIL INFORMATION

## 22mm Coil

These coils with connection for 2 P+G DIN 43650B plug are encapsulated in synthetic material, conform to the IEC/CENELEC safety standards and comply with European low voltage directive 73/23/EC.

### FEATURES:

- Heat resistant bobbin molded with 30% glass filled thermoplastic polyester material
- Class H wire 200°C according to IEC 60317-13
- Built-in magnetic yoke made by low carbon iron
- Encapsulation with high quality specially designed glass filled nylon

| Characteristics         |    | DC |     |     | AC (50 Hz) |      | AC (60 Hz) |      |
|-------------------------|----|----|-----|-----|------------|------|------------|------|
| Rated power DC          | W  | 3  | 4,2 | 6,5 |            |      |            |      |
| Inrush power AC         | VA |    |     |     | 7,5        | 12,5 | 6,5        | 10,5 |
| Rated power AC          | VA |    |     |     | 5          | 8,5  | 4,2        | 7    |
| Coil temperature rise   | °C | 35 | 45  | 70  | 45         | 85   | 35         | 70   |
| Copper temperature rise | °C | 40 | 50  | 80  | 55         | 95   | 45         | 80   |

| Available Voltages |           |
|--------------------|-----------|
| DC                 |           |
| 12                 | 24/50-60  |
| 24                 |           |
| 48                 |           |
| 110                | 230/50-60 |

