



# ASCO 262 SERIES DIRECT OPERATED 1/4"

2/2

SCG262C021  
Solenoid valve 2/2 NC 1/4" 230/50

- Body material brass or Stainless steel
- Differential pressure 0-130bar
- Media - Air, gas, water and oil
- Response time = 5-25 ms

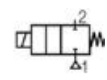
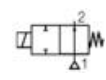


Product description

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Differential pressure   | 0-100 bar                                                        |
| Max. permitted pressure | 100 bar                                                          |
| Max. viscosity          | 65 cSt (mm²/s)                                                   |
| Response time           | 5-25 ms                                                          |
| Media                   | Air, gas, water and oil                                          |
| Media temperature       | -20 °C to +90 °C NBR (nitrile)<br>-20 °C to +40 °C UR (urethane) |
| Ambient temperature     | -20 °C to +75 °C<br>-20 °C to +50 °C (9/15.3 Watts)              |
| IP-class                | IP65                                                             |
| Standard voltages       | DC (≐) 24 V<br>AC (≈) 24 V-115 V-230 V/50 Hz                     |
| Connection              | DIN 43650/A                                                      |
| Design                  |                                                                  |
| Valve body              | Brass                                                            |
| Core tube               | Stainless 305SS                                                  |
| Core                    | Stainless 430FSS                                                 |
| Spring                  | Stainless 302SS                                                  |
| Seat                    | Brass                                                            |

|              |                     |
|--------------|---------------------|
| Seals        | NBR                 |
| Seat seal    | NBR or UR           |
| Shading ring | Copper              |
| Coil         | Epoxy               |
| Special seal | FPM, EPDM, CR, PTFE |

|                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |
| NC                                                                                | NO                                                                                |

Dimensions

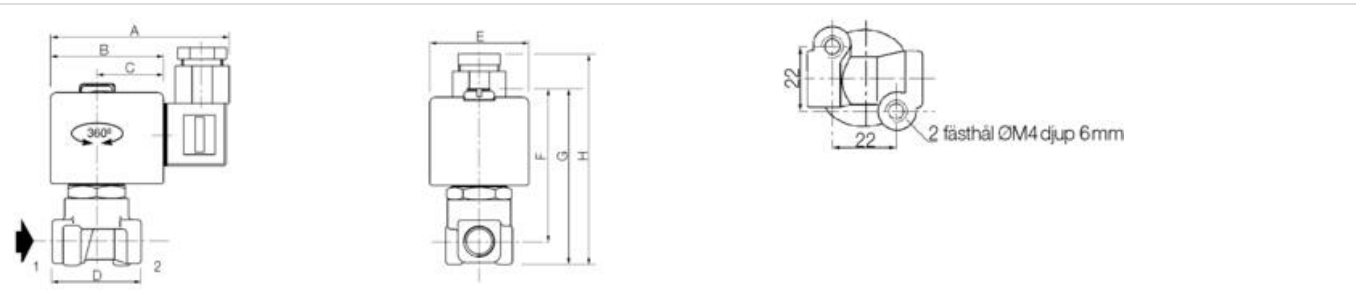


Fig. 1



Fig. 2

| Valve                              | A  | B  | C  | D  | E  | F  | G  | H  | X  | Weight (kg) | Drawing |
|------------------------------------|----|----|----|----|----|----|----|----|----|-------------|---------|
| SCG262C019/020/021/022/023/013/090 | 75 | 75 | 27 | 40 | 39 | 65 | 75 | 92 | 30 | 0.35        | Fig.1   |
| SCG262D232/C202/C208/C210/D200     | 75 | 45 | 27 | 40 | 39 | 65 | 75 | 92 | 30 | 0.45        | Fig.1   |
| SCG262A260/A261262/A263/A264A265   | 80 | 50 | 30 | 40 | 45 | 69 | 79 | 96 | 30 | 0.50        | Fig.2   |

| Item number spare coil |           |           |  |           |  |           |  |  |  |  |  |
|------------------------|-----------|-----------|--|-----------|--|-----------|--|--|--|--|--|
| Power                  | 24 V DC   | 24 V AC   |  | 115 V AC  |  | 230 V AC  |  |  |  |  |  |
| 6/9.7                  | 400325142 | 400325101 |  | 400325118 |  | 400325117 |  |  |  |  |  |
| 9/15.3                 | 400325242 | 400325201 |  | 400325218 |  | 400325217 |  |  |  |  |  |
| 10.5/11.2              | 400425142 | 400425101 |  | 400425118 |  | 400425117 |  |  |  |  |  |

Order number

| Order no.                    | Connection | Orifice | Flow factor KV |        | Differential pressure bar |         |     |       |     |      |     | Power W |      |
|------------------------------|------------|---------|----------------|--------|---------------------------|---------|-----|-------|-----|------|-----|---------|------|
|                              |            |         |                |        |                           | air/gas |     | water |     | oil  |     |         |      |
|                              | G          | mm      | m³/h           | l/min. | min.                      | ~       | =   | ~     | =   | ~    | =   | ~       | =    |
| <b>N/C</b>                   |            |         |                |        |                           |         |     |       |     |      |     |         |      |
| SCG262C019                   | 1/4        | 1.2     | 0.05           | 0.8    | 0                         | 50      | 35  | 50    | 35  | 35   | 35  | 6       | 9.7  |
| SCG262C020                   | 1/4        | 2.4     | 0.17           | 2.8    | 0                         | 25      | 10  | 25    | 8   | 11   | 8   | 6       | 9.7  |
| SCG262C021                   | 1/4        | 2.4     | 0.17           | 2.8    | 0                         | 35      | 15  | 35    | 10  | 20   | 10  | 9       | 15.3 |
| SCG262C022                   | 1/4        | 3.2     | 0.30           | 5.0    | 0                         | 9       | 4   | 11    | 4.0 | 6    | 4   | 6       | 9.7  |
| SCG262C023                   | 1/4        | 3.2     | 0.30           | 5.0    | 0                         | 15      | 7   | 16    | 6   | 11   | 6   | 9       | 15.3 |
| SCG262D232                   | 1/4        | 3.2     | 0.30           | 5.0    | 0                         | 20      | 5   | 20    | 4   | 13   | 1   | 10.5    | 11.2 |
| SCG262C202                   | 1/4        | 4.0     | 0.43           | 7.2    | 0                         | 12.0    | 2.5 | 13.0  | 2.5 | 10.0 | 3.0 | 10.5    | 11.2 |
| SCG262C208                   | 1/4        | 5.6     | 0.62           | 10.3   | 0                         | 6.5     | 1.7 | 6.5   | 1.7 | 6.5  | 1.7 | 10.5    | 11.2 |
| SCG262C013                   | 1/4        | 5.6     | 0.73           | 12.2   | 0                         | 2.5     | 1.2 | 3.0   | 1.3 | 2.5  | 1.3 | 6       | 9.7  |
| SCG262C090                   | 1/4        | 7.1     | 0.82           | 13.7   | 0                         | 1.8     | 1.0 | 2.5   | 1.0 | 1.9  | 1.0 | 6       | 9.7  |
| SCG262C210                   | 1/4        | 7.1     | 0.75           | 12.5   | 0                         | 4.0     | 1.2 | 5.0   | 1.0 | 4.0  | 1.2 | 10.5    | 11.2 |
| <b>N/C - seal in UR</b>      |            |         |                |        |                           |         |     |       |     |      |     |         |      |
| SCG262D200                   | 1/4        | 1.2     | 0.05           | 0.8    | 0                         | 100     | 32  | 100   | 32  | 75   | 30  | 10.5    | 11.2 |
| <b>N/O</b>                   |            |         |                |        |                           |         |     |       |     |      |     |         |      |
| SCG262A262                   | 1/4        | 3.2     | 0.30           | 5.0    | 0                         | 9       | 5.5 | 7     | 4   | 6.5  | 4   | 10.5    | 11.2 |
| SCG262A263                   | 1/4        | 4.0     | 0.43           | 7.2    | 0                         | 5.5     | 3   | 5     | 2   | 4    | 2   | 10.5    | 11.2 |
| SCG262A264                   | 1/4        | 5.6     | 0.73           | 12.2   | 0                         | 3       | 1.7 | 2.5   | 1.3 | 2.5  | 1.3 | 10.5    | 11.2 |
| SCG262A265                   | 1/4        | 7.1     | 0.82           | 13.7   | 0                         | 2       | 1   | 1.7   | 1   | 1.3  | 2   | 10.5    | 11.2 |
| <b>N/O - seat seal in UR</b> |            |         |                |        |                           |         |     |       |     |      |     |         |      |
| SCG262A260                   | 1/4        | 1.2     | 0.05           | 0.8    | 0                         | 50      | 35  | 50    | 45  | 50   | 50  | 10.5    | 11.2 |
| SCG262A261                   | 1/4        | 2.4     | 0.17           | 2.8    | 0                         | 20      | 13  | 20    | 10  | 10   | 9   | 10.5    | 11.2 |

Valves with 230 or 24 V DC are stocked as standard.

## Special versions

- Other voltages
- Explosion-proof version
- Hand control

## Accessories

- Cable connector - C18209N21