

Solenoid Valves for Automation

Oil burner valves 2/2 - Pilot operated

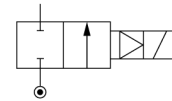
2/2



Pilot operated

| Port size | Orifice (mm) | Flow factors (L/min) | | Admissible differential pressure bar | | | Fluid temp. °C | Seat disc | Reference numbers | | | | Power consumption (W) | | Wt. (g) | Dim ref. |
|-----------|--------------|----------------------|------|--------------------------------------|-----|----|----------------|-----------|------------------------|---------------------|---------|------|-----------------------|----|---------|----------|
| | | kv | Qmax | Min | Max | | | | Global valve reference | Valve reference no. | Housing | Coil | DC | AC | | |
| G | | | | | | DC | AC | | | | | | | | | |

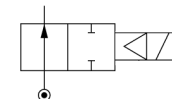
Normally closed



Brass body/Pipe mounting

| | | | | | | | | | | | | | | | | | |
|-----|------|----|----|-----|---|----|----|-----|-----|--------------|------------------------------|----------------|---------------|----|----|------|-----|
| 1/4 | 8 | 36 | 36 | 0.3 | 2 | 25 | 40 | 100 | FKM | 7321HBG2SV00 | E321H21 ¹ | 2995 | 481865 | 9 | 8 | 800 | 9 |
| | 8 | 36 | 36 | 0.3 | | 30 | 40 | 100 | FKM | | | 4270 | 481000 | 8 | 8 | 920 | |
| | 8 | 36 | 36 | 0.3 | 2 | 40 | 40 | 100 | FKM | | | 4270 | 486265 | 14 | 14 | 930 | |
| 3/8 | 11 | 40 | 40 | 0.3 | 2 | - | 30 | 160 | FKM | 7321HBG3TVT0 | 321H2322 ³ | 8760.23 | 483541 | - | 20 | 1070 | 104 |
| | 11 | 40 | 40 | 0.3 | 2 | - | 30 | 160 | FKM | | | 8520.23 | 483541 | - | 20 | 1010 | |
| | 11 | 50 | 50 | 0.3 | 2 | 25 | 40 | 100 | FKM | 7321HBG3TV00 | E321H23 ¹ | 2995 | 481865 | 9 | 8 | 780 | 9 |
| | 11 | 50 | 50 | 0.3 | 2 | 30 | 40 | 120 | FKM | | | 4270 | 481000 | 8 | 8 | 900 | |
| 1/2 | 14.5 | 60 | 60 | 0.3 | 2 | 25 | 40 | 100 | FKM | 7321HBG4UV00 | E321H25 ¹ | 2995 | 481865 | 9 | 8 | 740 | 9 |
| | 14.5 | 60 | 60 | 0.3 | 2 | 30 | 40 | 120 | FKM | | | 4270 | 481000 | 8 | 8 | 860 | |
| | 14.5 | 60 | 60 | 0.3 | 2 | 40 | 40 | 140 | FKM | | | 4270 | 486265 | 14 | 14 | 870 | |
| | 15 | 60 | 60 | 0.3 | | - | 30 | 160 | FKM | 7321HBG4UVT0 | 321H2522 ³ | 8760.23 | 483541 | - | 20 | 870 | 104 |
| | 15 | 60 | 60 | 0.3 | 2 | - | 30 | 160 | FKM | | | 8520.23 | 483541 | - | 20 | 870 | |

Normally open



Brass body/Pipe mounting

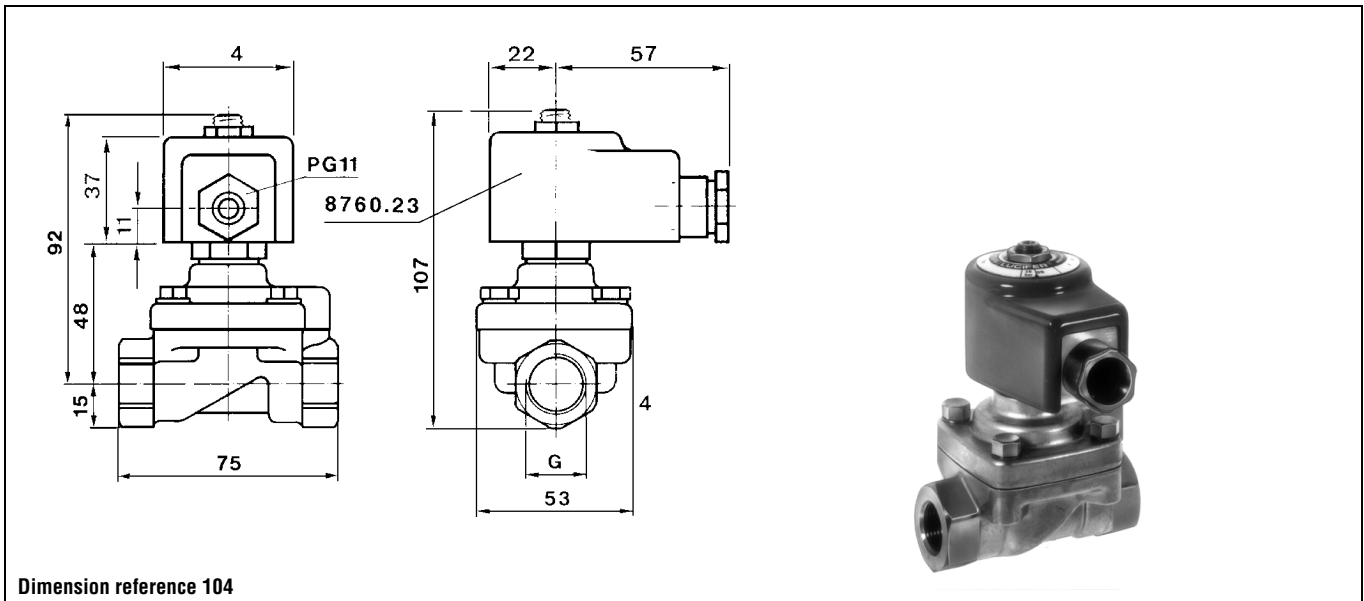
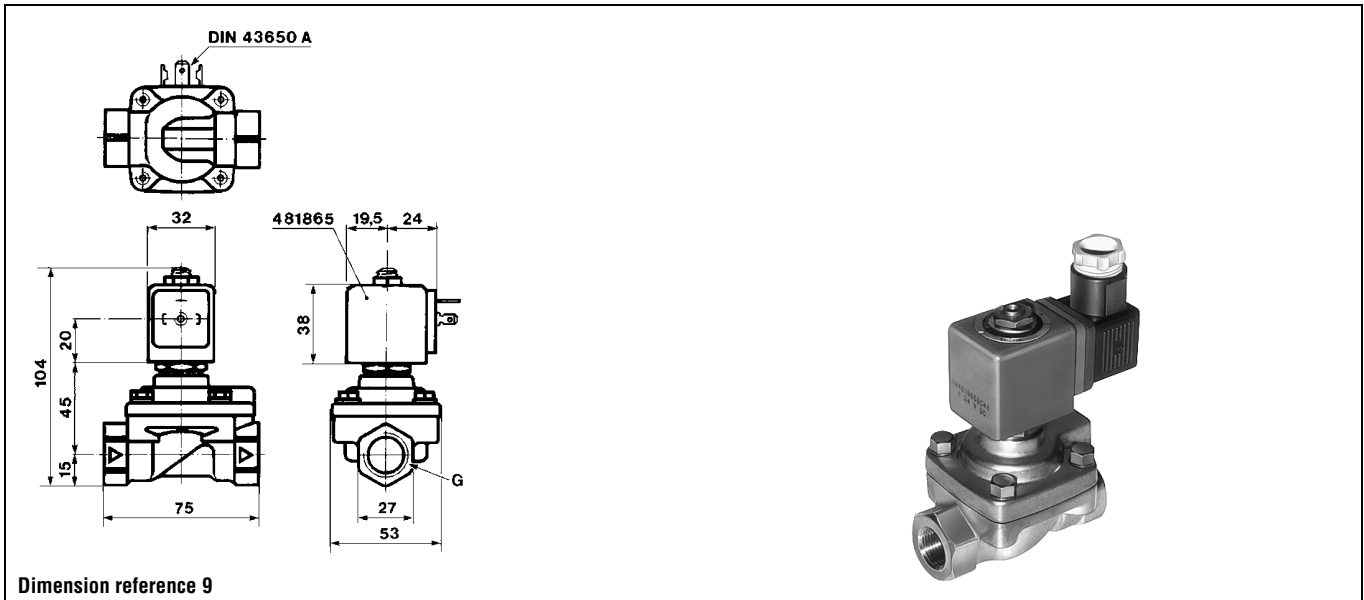
| | | | | | | | | | | | | | | | | | |
|-----|----|----|----|-----|---|----|----|-----|-----|--------------|------------------------------|-------------|---------------|----|----|-----|---|
| 1/4 | 8 | 36 | 36 | 0.3 | 2 | 40 | 40 | 100 | FKM | 7322HBG2SV00 | 322H7106 ¹ | 2995 | 481865 | 9 | 8 | 820 | 9 |
| | 8 | 36 | 36 | 0.3 | 2 | 40 | 40 | 120 | FKM | | | 4270 | 481000 | 8 | 8 | 940 | |
| | 8 | 36 | 36 | 0.3 | 2 | 40 | 40 | 140 | FKM | | | 4270 | 486265 | 14 | 14 | 950 | |
| 3/8 | 11 | 50 | 50 | 0.3 | 2 | 40 | 40 | 100 | FKM | 7322HBG3TV00 | 322H7306 ¹ | 2995 | 481865 | 9 | 8 | 800 | 9 |
| | 11 | 50 | 50 | 0.3 | 2 | 40 | 40 | 100 | FKM | | | 4270 | 481000 | 8 | 8 | 920 | |
| | 11 | 50 | 50 | 0.3 | 2 | 40 | 40 | 140 | FKM | | | 4270 | 486265 | 14 | 14 | 930 | |

Table continued on page 110

Notes:

1. Pilot seat discs from ruby (synthetic)
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
3. TUV approved for oil burners

Oil burner valves 2/2 - Pilot operated

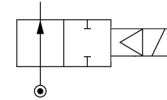


Oil burner valves 2/2 - Pilot operated

| Port size | Orifice (mm) | Flow factors (L/min) | | Admissible differential pressure bar | | | Fluid temp. °C | Seat disc | Reference numbers | | | | Power consumption (W) | | Wt. (g) | Dim ref. |
|-----------|--------------|----------------------|------|--------------------------------------|-----|--|----------------|-----------|------------------------|---------------------|---------|------|-----------------------|----|---------|----------|
| | | kv | Qmax | Min | Max | | | | Global valve reference | Valve reference no. | Housing | Coil | DC | AC | | |

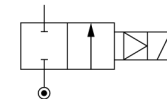
Brass body/Pipe mounting

Normally open



| | | | | | | | | | | | | | | | | | |
|-----|------|----|----|-----|---|----|----|-----|-----|--------------|------------------------------|-------------|---------------|----|----|-----|---|
| 1/2 | 14.5 | 60 | 60 | 0.3 | 1 | 20 | 20 | 100 | FKM | 7322GBG4UV00 | 322G7506 | 2995 | 481865 | 9 | 8 | 760 | 9 |
| | 14.5 | 60 | 60 | 0.3 | 1 | 20 | 20 | 100 | FKM | | | 4270 | 481000 | 8 | 8 | 880 | |
| | 14.5 | 60 | 60 | 0.3 | 1 | 40 | 40 | 100 | FKM | 7322HBG4UV00 | 322H7506 ² | 2995 | 481865 | 9 | 8 | 760 | 9 |
| | 14.5 | 60 | 60 | 0.3 | 1 | 40 | 40 | 120 | FKM | | | 4270 | 481000 | 8 | 8 | 880 | |
| | 14.5 | 60 | 60 | 0.3 | 1 | 40 | 40 | 140 | FKM | | | 4270 | 486265 | 14 | 14 | 890 | |

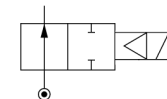
Normally closed



Brass body/Sub-base mounting

| | | | | | | | | | | | | | | | | | |
|----|----|----|----|-----|---|----|----|-----|-----|--------------|-------------------------------|-------------|---------------|----|----|-----|----|
| SB | 14 | 45 | 45 | 0.3 | 1 | 25 | 40 | 100 | FKM | 7321FBF3TV00 | E321F3202 ² | 2995 | 481865 | 9 | 8 | 650 | 13 |
| | 14 | 45 | 45 | 0.3 | 1 | 30 | 40 | 120 | FKM | | | 4270 | 481000 | 8 | 8 | 770 | |
| | 14 | 45 | 45 | 0.3 | 1 | 40 | 40 | 120 | FKM | | | 4270 | 486265 | 14 | 14 | 780 | |

Normally open



Brass body/Sub-base mounting

| | | | | | | | | | | | | | | | | | |
|----|----|----|----|-----|---|----|----|-----|-----|--------------|------------------------------|-------------|---------------|----|----|-----|----|
| SB | 14 | 45 | 45 | 0.3 | 1 | 40 | 40 | 100 | FKM | 7322FBF3TV00 | 322F7206 ² | 2995 | 481865 | 9 | 8 | 650 | 13 |
| | 14 | 45 | 45 | 0.3 | 1 | 40 | 40 | 100 | FKM | | | 4270 | 481000 | 8 | 8 | 770 | |
| | 14 | 45 | 45 | 0.3 | 1 | 40 | 40 | 140 | FKM | | | 4270 | 486265 | 14 | 14 | 780 | |

Notes:

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