# 2Q Series Air Control Valve

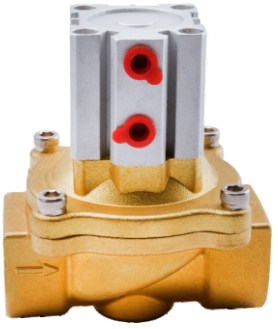
## Ordering Code

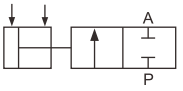
2Q Series Air Control Valve

2Q — Type code: 2Q Series Air Control Valve

200 — Orifice:
160: 16mm
200: 20mm
250: 25mm
350: 35mm
400: 40mm
500: 50mm

\- 20 — Joint size:
10: 3/8"
15: 1/2"
20: 3/4"
25: 1"
35: 1-1/4"
40: 1-1/2"
50: 2

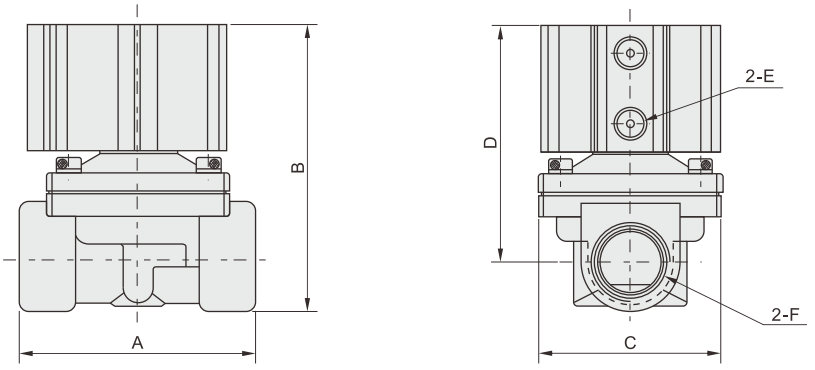





## Specifications

| Model | 2Q160-10 | 2Q160-15 | 2Q200-20 | 2Q250-25 | 2Q350-35 | 2Q400-40 | 2Q500-50 |
|---|---|---|---|---|---|---|---|
| Working medium | Air, Gas, Water, Oil | | | | | | |
| Type | Direct acting type | | | | | | |
| Orifice | 16mm | 16mm | 20mm | 25mm | 35mm | 40mm | 50mm |
| CV value | 4.8m³/h | 4.8m³/h | 7.6m³/h | 12m³/h | 24m³/h | 29m³/h | 48m³/h |
| Joint size | G3/8" | G1/2" | G3/4" | G1" | G1-1/4" | G1-1/2" | G2" |
| Medium viscosity | ≤50CST | | | | | | |
| Working pressure | 0 to 0.7MPa | | | | | | |
| Max. pressure | 1.05MPa | | | | | | |
| Control pressure range | 0.3 to 0.6MPa | | | | | | |
| Working temperature | -5 to 100°C | | | | | | |
| Valve body | Brass | | | | | | |
| Seal material | PTFE | | | | | | |
| Control joint size | 2-M5 | 2-M5 | 2-M5 | 2-G1/8" | 2-G1/4" | 2-G1/4" | 2-G1/4" |

## Main Dimension




(mm)

| Model | A | B | C | D | E | F(G) |
|---|---|---|---|---|---|---|
| 2Q160-10 | 66 | 84 | 57 | 71 | M5 | 3/8" |
| 2Q160-15 | 66 | 89 | 57 | 76 | M5 | 1/2" |
| 2Q200-20 | 70 | 93 | 57 | 76 | M5 | 3/4" |
| 2Q250-25 | 92 | 107 | 76 | 87 | G1/8" | 1" |
| 2Q350-35 | 118 | 125 | 92 | 100 | G1/4" | 1-1/4" |
| 2Q400-40 | 125 | 129 | 92 | 102 | G1/4" | 1-1/2" |
| 2Q500-50 | 168 | 152 | 120 | 117 | G1/4" | 2" |