

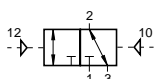
3/2 Way Valve

G1/8

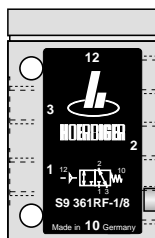
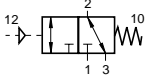
Actuation:
Pneumatic
- by permanent signal
- by impulse

Series S9

S9 361-1/8



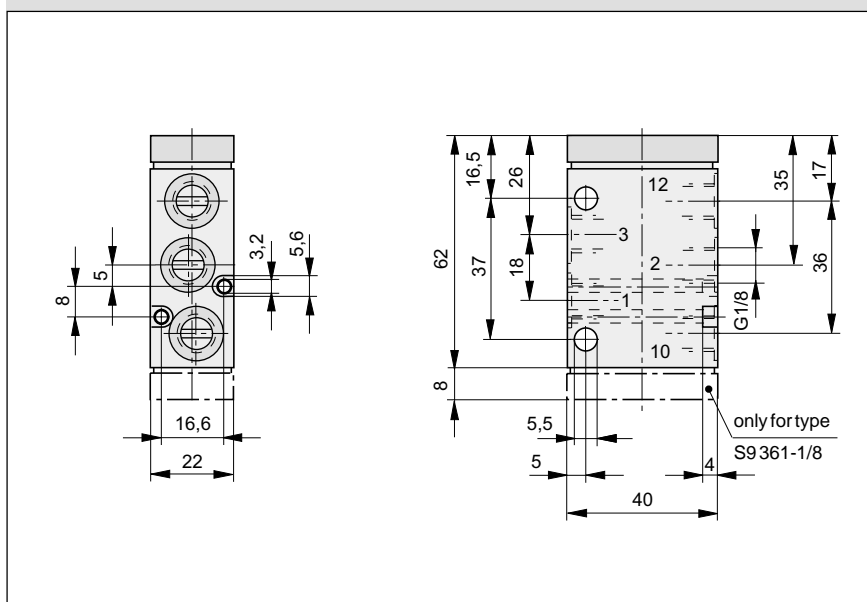
S9 361RF-1/8



| Characteristics to VDI 3290 | | Pressures quoted as gauge pressure | |
|----------------------------------|--|------------------------------------|---|
| Characteristics | Symbol | Unit | Description |
| General Features | | | |
| Type | | | Spool Valve |
| Mounting | | | 2 screws M5 (M3) |
| Tube connection | | | Thread |
| Port size | | | G1/8; 7.4 deep |
| Weight (mass) | | kg | 0.137 - permanent signal version 0.147 - impulse version |
| Installation | | | In any position |
| Ambient temperature range | ϑ_{\min} ϑ_{\max} | °C °C | -10 +60 |
| Medium temperature range | ϑ_{\min} ϑ_{\max} | °C °C | -10 +70 |
| Medium | | | Filtered compressed air |
| Lubrication | | | With or without oil mist lubrication ¹⁾ |
| Pneumatic Characteristics | | | |
| Nominal pressure | p_n | bar | 6 |
| Operating pressure range | p_{\min} p_{\max} | bar bar | 0 10 |
| Nominal flow | Q_N | l/min | 450 |
| Actuation | | | |
| Pneumatic | | | Direct |
| Actuation pressure range | $p_{st\min}$ $p_{st\max}$ | bar bar | 2 10 permanent signal version |
| | $p_{st\min}$ $p_{st\max}$ | bar bar | 1.5 10 impulse version |

¹⁾ We recommend the use of mineral oil type VG 32 to ISO 3448

Dimensions (mm)



For product group list see 3.42.001E

Order Instructions:

S9 361-1/8
S8 361RF-1/8

PA 10296 (impulse)
PA 10295 (permanent signal, spring return)

Data Sheet No. 3.42.004E

A1P365E00DX00X

The right to introduce technical modifications is reserved



A1P384E00FX40X

The right to introduce technical modifications is reserved

| Characteristics to VDI 3290 | | | | Pressures quoted as gauge pressure | |
|----------------------------------|--|------------|---|--|--|
| Characteristics | Symbol | Unit | Description | | |
| General Features | | | | | |
| Type | | | Spool valve | | |
| Mounting | | | 2 screws M6 (M4) | | |
| Tube connection | | | Thread | | |
| Port size | | | G 1/4; 11 deep | | |
| Weight (mass) | | kg | 0.37 - permanent signal version 0.43 - impulse version | | |
| Installation | | | In any position | | |
| Ambient temperature range | ϑ_{\min} ϑ_{\max} | °C °C | -10 +60 | Note: When using below freezing point (°C) it is necessary to consult us. | |
| Medium temperature range | ϑ_{\min} ϑ_{\max} | °C °C | -10 +70 | | |
| Medium | | | Filtered compressed air | | |
| Lubrication | | | With or without oil mist lubrication ¹⁾ | | |
| Pneumatic Characteristics | | | | | |
| Nominal pressure | p_n | bar | 6 | | |
| Operating pressure range | p_{\min} p_{\max} | bar bar | 0 10 | | |
| Nominal flow | Q_N | l/min | 1300 | | |
| Actuation | | | | | |
| Pneumatic | | | Direct | | |
| Actuation pressure range | $p_{st \min}$ $p_{st \max}$ | bar bar | Permanent signal version 2 10 | | |
| | $p_{st \min}$ $p_{st \max}$ | bar bar | Impulse version 1.5 (361) 10 | 2 (362) | |

¹⁾ We recommend mineral oil type VG32 to ISO 3448

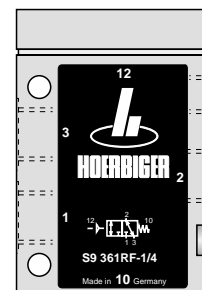
3/2 Way Valve

G1/4

Actuation:
Pneumatic
 - by permanent signal
 - by impulse

Series S9

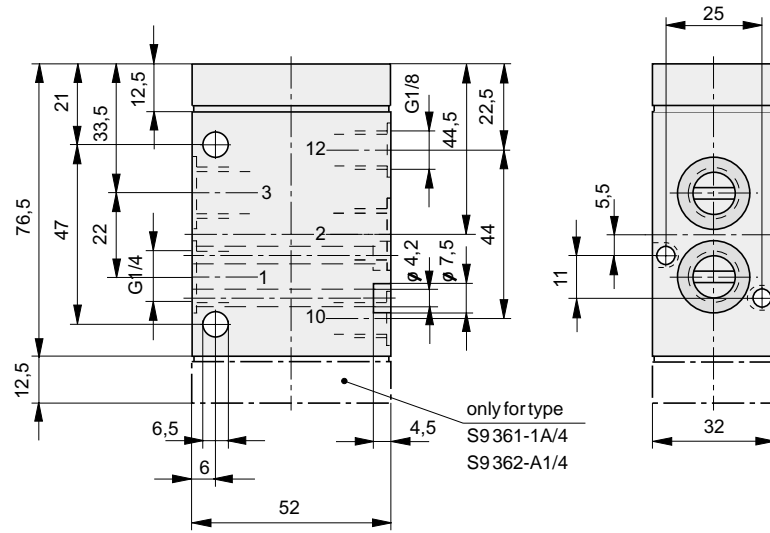
S9 36.



For product group list see 3.52.001E

Data Sheet No. 3.52.005E-1

Dimensions (mm)



Order Instructions

| Actuation | Return | Symbol | Order Instructions | |
|---|----------------------|--------|--------------------|-----------------|
| | | | Type | Order No. |
| Pneumatic by permanent signal | Spring return | | S9361RF-1/4 | PA 12713 |
| Pneumatic by impulse | Pneumatic by impulse | | S9361-1/4 | PA 12714 |
| Pneumatic by impulse, differential piston | Pneumatic by impulse | | S9362-1/4 | PA 12715 |

A1P503E00JAA00X

The right to introduce technical modifications is reserved

| Characteristics to VDI 3290 | | Pressures quoted as gauge pressure | |
|----------------------------------|--|------------------------------------|---|
| Characteristics | Symbol | Unit | Description |
| General Features | | | |
| Type | | | Spool valve |
| Mounting | | | 2 screws M6 |
| Tube connection | | | Thread |
| Port size | | | G1/2; 16 deep |
| Weight (mass) | | kg | 0.70 - permanent signal version 0.65 - impulse version |
| Installation | | | In any position |
| Ambient temperature range | ϑ_{\min} ϑ_{\max} | °C °C | -10 +60 |
| Medium temperature range | ϑ_{\min} ϑ_{\max} | °C °C | -10 +70 |
| Medium | | | Filtered compressed air |
| Lubrication | | | With or without oil mist lubrication ¹⁾ |
| Pneumatic Characteristics | | | |
| Nominal pressure | p_n | bar | 6 |
| Operating pressure range | p_{\min} p_{\max} | bar bar | 0 10 |
| Nominal flow | Q_N | l/min | 3500 |
| Actuation | | | |
| Pneumatic | | | Direct |
| Actuation pressure range | $p_{st\min}$ $p_{st\max}$ | bar bar | Permanent signal version 2.2 10 |
| | $p_{st\min}$ $p_{st\max}$ | bar bar | Impulse version 1.5 (361) 10 |

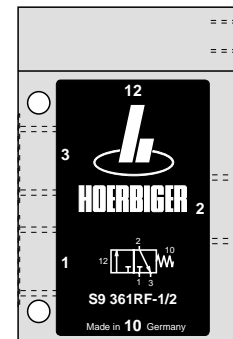
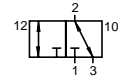
¹⁾ We recommend the use of mineral oil type VG 32 to ISO 3448

3/2 Way Valve

G1/2

Actuation:
Pneumatic
 - by permanent signal
 - by impulse

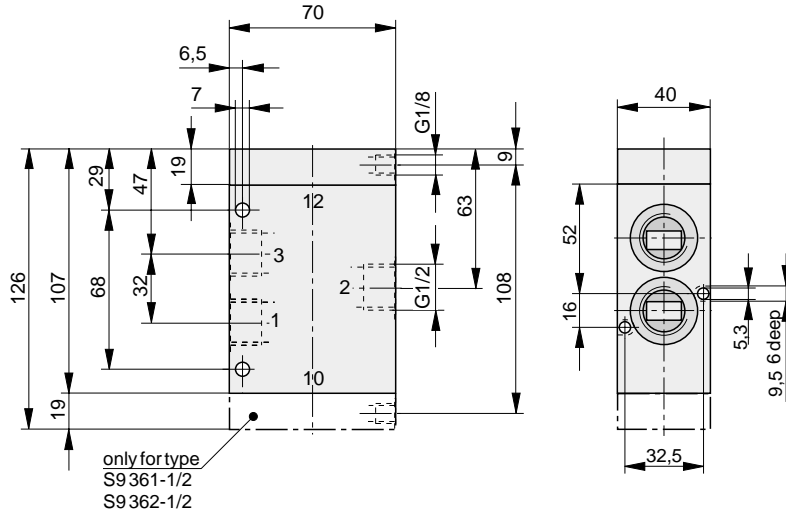
Series S9
S9 36.



For product group list see 3.53.001E

Data Sheet No. 3.53.004E-1

Dimensions (mm)



Order Instructions

| Actuation | Return | Symbol | Type | Order Instructions Order No. |
|---|----------------------|--------|--------------------|------------------------------|
| Pneumatic by permanent signal spring return | Spring return | | S9361RF-1/2 | PA 16409 |
| Pneumatic by impulse | Pneumatic by impulse | | S9361-1/2 | PA 16410 |
| Pneumatic by impulse, differential piston | Pneumatic by impulse | | S9362-1/2 | PA 16411 |