

High flow rate**Extensive manual override options****Manifold system with easy assembly****Low power consumption****Maintenance-free****Technical data****Medium:**

Compressed air, filtered to 50 µm, lubricated or non-lubricated.

Operation:

Solenoid pilot or air pilot

Mounting:

Individual or fixed length manifold

Connection:

1/8" NPT, 1/4" NPT and 3/8" NPT

1/8" ISO G, 1/4" ISO G and

3/8" ISO G

Operating pressure:

145 psi (10 bar)

Flow direction:

Internal pilot supply: fixed

External pilot supply: optional

Flow:

Series 3/2, 5/2 2 x 3/2, 5/3

Cv (l/min) Cv (l/min)

1/8 0.75 (750) 0.50 (500)

1/4 1.3 (1300) 0.95 (950)

3/8 2.6 (2600) 1.9 (1900)

Ambient temperature:

14°F to 122°F (-10°C to 50°C)

Consult our Technical Service for use below 36°F (2°C).

Materials

Housing and base plate:

aluminum

Spool: stainless steel,

Piston, spacers and cover:

synthetic material

Static and dynamic seals: NBR

Screws: zinc plated

Springs: stainless steel

3/2 Air Pilot Valves

Symbol	Model	Port size (NPT)	Function	Operator/operator	Flow Cv	Operating pressure (Cv)	Pilot pressure (psi)	Weight (lbs)	Drawing No.
	V60P4D7A-XP0900	1/8	NC	Air/Spring	0.75	26" Hg to 145	36 to 145	0.29	8
	V61R4D7A-XP0900	1/4	NC	Air/Spring	1.30	26" Hg to 145	36 to 145	0.46	8
	V62S4D7A-XP0900	3/8	NC	Air/Spring	2.60	26" Hg to 145	36 to 145	0.95	8
	V60P3D7A-XP0900	1/8	NO	Spring/Air	0.75	26" Hg to 145	36 to 145	0.29	9
	V61R3D7A-XP0900	1/4	NO	Spring/Air	1.30	26" Hg to 145	36 to 145	0.46	9
	V62S3D7A-XP0900	3/8	NO	Spring/Air	2.60	26" Hg to 145	36 to 145	0.95	9
	V60P4DDA-XP0200	1/8	—	Air/Air	0.75	26" Hg to 145	22 to 145	0.29	10
	V61R4DDA-XP0200	1/4	—	Air/Air	1.30	26" Hg to 145	22 to 145	0.46	10
	V62S4DDA-XP0200	3/8	—	Air/Air	2.60	26" Hg to 145	22 to 145	0.95	10

NC = Normally closed, NO = Normally open

2 x 3/2 Air Pilot Valves

Symbol	Model	Port size (NPT)	Function	Operator/operator	Flow Cv	Operating pressure (Cv)	Pilot pressure (psi)	Weight (lbs)	Drawing No.
	V60PADD-XP0200	1/8	NC/NC	Air/Air	0.50	29 to 145	29 to 145	0.4	11
	V61RADD-XP0200	1/4	NC/NC	Air/Air	0.95	29 to 145	29 to 145	0.67	11
	V62SADD-XP0200	3/8	NC/NC	Air/Air	1.90	29 to 145	29 to 145	1.32	11
	V60PBDD-XP0200	1/8	NO/NO	Air/Air	0.50	29 to 145	29 to 145	0.4	11
	V61RBDD-XP0200	1/4	NO/NO	Air/Air	0.95	29 to 145	29 to 145	0.67	11
	V62SBDD-XP0200	3/8	NO/NO	Air/Air	1.90	29 to 145	29 to 145	1.32	11
	V60PCDD-XP0200	1/8	NO/NC	Air/Air	0.50	29 to 145	29 to 145	0.4	11
	V61RCDD-XP0200	1/4	NO/NC	Air/Air	0.95	29 to 145	29 to 145	0.67	11
	V62SCDD-XP0200	3/8	NO/NC	Air/Air	1.90	29 to 145	29 to 145	1.32	11

NC = Normally closed, NO = Normally open

5/2 Air Pilot Valves

Symbol	Model	Port size (NPT)	Function	Operator/operator	Flow Cv	Operating pressure (Cv)	Pilot pressure (psi)	Weight (lbs)	Drawing No.
	V60P5D7A-XP0900	1/8	—	Air/Spring	0.75	26" Hg to 145	36 to 145	0.35	12
	V61R5D7A-XP0900	1/4	—	Air/Spring	1.30	26" Hg to 145	36 to 145	0.57	12
	V62S5D7A-XP0900	3/8	—	Air/Spring	2.60	26" Hg to 145	36 to 145	1.23	12
	V60P5DDA-XP0200	1/8	—	Air/Air	0.75	26" Hg to 145	22 to 145	0.37	13
	V61R5DDA-XP0200	1/4	—	Air/Air	1.30	26" Hg to 145	22 to 145	0.6	13
	V62S5DDA-XP0200	3/8	—	Air/Air	2.60	26" Hg to 145	22 to 145	1.28	13

5/3 Air Pilot Valves

Symbol	Model	Port size (NPT)	Function	Operator/operator	Flow Cv	Operating pressure (Cv)	Pilot pressure (psi)	Weight (lbs)	Drawing No.
	V60P6DDA-XP0200	1/8	APB	Air/Air	0.50	26" Hg to 145	44 to 145	0.44	14
	V61R6DDA-XP0200	1/4	APB	Air/Air	0.95	26" Hg to 145	44 to 145	0.71	14
	V62S6DDA-XP0200	3/8	APB	Air/Air	1.90	26" Hg to 145	44 to 145	1.48	14
	V60P7DDA-XP0200	1/8	COE	Air/Air	0.50	26" Hg to 145	44 to 145	0.44	14
	V61R7DDA-XP0200	1/4	COE	Air/Air	0.95	26" Hg to 145	44 to 145	0.71	14
	V62S7DDA-XP0200	3/8	COE	Air/Air	1.90	26" Hg to 145	44 to 145	1.48	14
	V60P8DDA-XP0200	1/8	COP	Air/Air	0.50	26" Hg to 145	44 to 145	0.44	14
	V61R8DDA-XP0200	1/4	COP	Air/Air	0.95	26" Hg to 145	44 to 145	0.71	14
	V62S8DDA-XP0200	3/8	COP	Air/Air	1.90	26" Hg to 145	44 to 145	1.48	14

APB = All ports blocked, COE = Center open exhaust, COP = Center open pressure

3/2 Solenoid Pilot Valves

Symbol	Model	Port size	Function	Pilot supply	Operator	Solenoid	Flow Cv	Operating pressure (psi)	Pilot pressure	Weight (lbs)	Drawing No.
	V60P417A-AX***†	1/8	NC	Internal	Sol/spring	Standard	0.75	29 to 145	—	0.49	1
	V60P427A-AX***†	1/8	NC	External	Sol/spring	Standard	0.75	26" Hg to 145	44 to 145	0.49	1
	V61R417A-AX***†	1/4	NC	Internal	Sol/spring	Standard	1.30	29 to 145	—	0.64	1
	V61R427A-AX***†	1/4	NC	External	Sol/spring	Standard	1.30	26" Hg to 145	44 to 145	0.64	1
	V62S417A-AX***†	3/8	NC	Internal	Sol/spring	Standard	2.60	29 to 145	—	1.15	1
	V62S427A-AX***†	3/8	NC	External	Sol/spring	Standard	2.60	26" Hg to 145	44 to 145	1.15	1
	V60P317A-AX***†	1/8	NO	Internal	Sol/spring	Standard	0.75	29 to 145	—	0.5	2
	V60P327A-AX***†	1/8	NO	External	Sol/spring	Standard	0.75	26" Hg to 145	44 to 145	0.5	2
	V61R317A-AX***†	1/4	NO	Internal	Sol/spring	Standard	1.30	29 to 145	—	0.64	2
	V61R327A-AX***†	1/4	NO	External	Sol/spring	Standard	1.30	26" Hg to 145	44 to 145	0.64	2
	V62S317A-AX***†	3/8	NO	Internal	Sol/spring	Standard	2.60	29 to 145	—	1.15	2
	V62S327A-AX***†	3/8	NO	External	Sol/spring	Standard	2.60	26" Hg to 145	44 to 145	1.15	2
	V60P411A-AX***†	1/8	—	Internal	Sol/sol	Standard	0.75	22 to 145	—	0.66	3
	V60P422A-AX***†	1/8	—	External	Sol/sol	Standard	0.75	26" Hg to 145	44 to 145	0.66	3
	V61R411A-AX***†	1/4	—	Internal	Sol/sol	Standard	1.30	22 to 145	—	0.84	3
	V61R422A-AX***†	1/4	—	External	Sol/sol	Standard	1.30	26" Hg to 145	44 to 145	0.84	3
	V62S411A-AX***†	3/8	—	Internal	Sol/sol	Standard	2.60	22 to 145	—	1.34	3
	V62S422A-AX***†	3/8	—	External	Sol/sol	Standard	2.60	26" Hg to 145	44 to 145	1.34	3

NC = Normally closed, NO = Normally open

For manual override options, substitute 'X' as follows: 2 = locking, 3 = non-locking

*** Insert coil code.

† Insert Connector code.

2 x 3/2 Solenoid Pilot Valves

Symbol	Model	Port size	Function	Pilot supply	Operator	Flow Cv	Operating pressure (psi)	Pilot pressure	Weight (lbs)	Drawing No.
	V60PA11A-AX***†	1/8	NC/NC	Internal	Sol/sol	0.5	29 to 145	—	0.75	4
	V61RA11A-AX***†	1/4	NC/NC	Internal	Sol/sol	0.95	29 to 145	—	0.95	4
	V62SA11A-AX***†	3/8	NC/NC	Internal	Sol/sol	1.9	29 to 145	—	0.73	4
	V60PB11A-AX***†	1/8	NO/NO	Internal	Sol/sol	0.5	29 to 145	—	0.75	4
	V61RB11A-AX***†	1/4	NO/NO	Internal	Sol/sol	0.95	29 to 145	—	0.95	4
	V62SB11A-AX***†	3/8	NO/NO	Internal	Sol/sol	1.9	29 to 145	—	1.61	4
	V60PC11A-AX***†	1/8	NO/NC	Internal	Sol/sol	0.5	29 to 145	—	0.75	4
	V61RC11A-AX***†	1/4	NO/NC	Internal	Sol/sol	0.95	29 to 145	—	0.95	4
	V62SC11A-AX***†	3/8	NO/NC	Internal	Sol/sol	1.9	29 to 145	—	1.61	4

NC = Normally closed, NO = Normally open

For manual override options, substitute 'X' as follows: 2 = locking, 3 = non-locking

*** Insert coil code.

† Insert Connector code.

Coil & voltage codes

***Standard (22 mm coil industrial standard)

Voltage	Coil code	Power inrush/hold	Model
12 VDC	12J	2 W	54469-01
24 VDC	13J	2 W	54469-02
24 V 50/60 Hz	14J	4/2.5 VA	54469-04
110/120 V 50/60 Hz	18J	4/2.5 VA	54469-03
220/240 V 50/60 Hz	19J	6/5 VA	54469-08

Electrical details

Voltage tolerance:	±10%
Rating:	100% E.D.
Protection class:	IP 65 with sealed plugs (ISO 6952)

†Connectors

Connector Code	Description	Model
A	No connector	
B	Cable grip 0-240Vac/Vdc	54934-01
C	6 ft molded cable, 0-240Vac/Vdc	54934-21
H	Cable grip w/indicator light 24 VDC	54934-08
J	Cable grip w/indicator light 120Vac	54934-02
Z	1/2" Conduit 0-240Vac/Vdc	54934-05
5	6 ft molded cable w/indicator light, surge suppression, 24Vac/Vdc	54934-30
6	6 ft molded cable w/indicator light, 120Vac	54934-35

5/2 Solenoid Pilot Valves

Symbol	Model	Port size	Function	Pilot supply	Operator	Flow Cv	Operating pressure (psi)	Pilot pressure	Weight (lbs)	Drawing No.
	V60P517A-AX***†	1/8	—	Internal	Sol/spring	0.75	29 to 145	—	0.53	5
	V60P527A-AX***†	1/8	—	External	Sol/spring	0.75	26" Hg to 145	44 to 145	0.53	5
	V61R517A-AX***†	1/4	—	Internal	Sol/spring	1.3	29 to 145	—	0.73	5
	V61R527A-AX***†	1/4	—	External	Sol/spring	1.3	26" Hg to 145	44 to 145	0.73	5
	V62S517A-AX***†	3/8	—	Internal	Sol/spring	2.6	29 to 145	—	1.36	5
	V62S527A-AX***†	3/8	—	External	Sol/spring	2.6	26" Hg to 145	44 to 145	1.36	5
	V60P511A-AX***†	1/8	—	Internal	Sol/sol	0.75	29 to 145	—	0.73	6
	V60P522A-AX***†	1/8	—	External	Sol/sol	0.75	26" Hg to 145	44 to 145	0.51	6
	V61R511A-AX***†	1/4	—	Internal	Sol/sol	1.3	29 to 145	—	0.93	6
	V61R522A-AX***†	1/4	—	External	Sol/sol	1.3	26" Hg to 145	44 to 145	0.93	6
	V62S511A-AX***†	3/8	—	Internal	Sol/sol	2.6	29 to 145	—	1.59	6
	V62S522A-AX***†	3/8	—	External	Sol/sol	2.6	26" Hg to 145	44 to 145	1.59	6

For manual override options, substitute 'X' as follows: 2 = locking, 3 = non-locking

*** Insert coil code.

† Insert Connector code.

5/3 Solenoid Pilot Valves

Symbol	Model	Port size	Function	Pilot supply	Operator	Flow Cv	Operating pressure (psi)	Pilot pressure	Weight (lbs)	Drawing No.
	V60P611A-AX***†	1/8	APB	Internal	Sol/sol	0.5	44 to 145	—	0.77	7
	V60P622A-AX***†	1/8	APB	External	Sol/sol	0.5	26" Hg to 145	44 to 145	0.77	7
	V61R611A-AX***†	1/4	APB	Internal	Sol/sol	0.95	44 to 145	—	1.04	7
	V61R622A-AX***†	1/4	APB	External	Sol/sol	0.95	26" Hg to 145	44 to 145	1.04	7
	V62S611A-AX***†	3/8	APB	Internal	Sol/sol	1.9	44 to 145	—	1.79	7
	V62S622A-AX***†	3/8	APB	External	Sol/sol	1.9	26" Hg to 145	44 to 145	1.79	7
	V60P711A-AX***†	1/8	COE	Internal	Sol/sol	0.5	44 to 145	—	0.77	7
	V60P722A-AX***†	1/8	COE	External	Sol/sol	0.5	26" Hg to 145	44 to 145	0.77	7
	V61R711A-AX***†	1/4	COE	Internal	Sol/sol	0.95	44 to 145	—	1.04	7
	V61R722A-AX***†	1/4	COE	External	Sol/sol	0.95	26" Hg to 145	44 to 145	1.04	7
	V62S711A-AX***†	3/8	COE	Internal	Sol/sol	1.9	44 to 145	—	1.79	7
	V62S722A-AX***†	3/8	COE	External	Sol/sol	1.9	26" Hg to 145	44 to 145	1.79	7
	V60P811A-AX***†	1/8	COP	Internal	Sol/sol	0.5	44 to 145	—	0.77	7
	V60P822A-AX***†	1/8	COP	External	Sol/sol	0.5	26" Hg to 145	44 to 145	0.77	7
	V61R811A-AX***†	1/4	COP	Internal	Sol/sol	0.95	44 to 145	—	1.04	7
	V61R822A-AX***†	1/4	COP	External	Sol/sol	0.95	26" Hg to 145	44 to 145	1.04	7
	V62S811A-AX***†	3/8	COP	Internal	Sol/sol	1.9	44 to 145	—	1.79	7
	V62S822A-AX***†	3/8	COP	External	Sol/sol	1.9	26" Hg to 145	44 to 145	1.79	7

APB = All ports blocked, COE = Center open exhaust, COP = Center open pressure

For manual override options, substitute 'X' as follows: 2 = locking, 3 = non-locking

*** Insert coil code.

† Insert Connector code.

Coil & voltage codes

***Standard (22 mm coil industrial standard)

Voltage	Coil code	Power inrush/hold	Model
12 VDC	12J	2 W	54469-01
24 VDC	13J	2 W	54469-02
24 V 50/60 Hz	14J	4/2.5 VA	54469-04
110/120 V 50/60 Hz	18J	4/2.5 VA	54469-03
220/240 V 50/60 Hz	19J	6/5 VA	54469-08

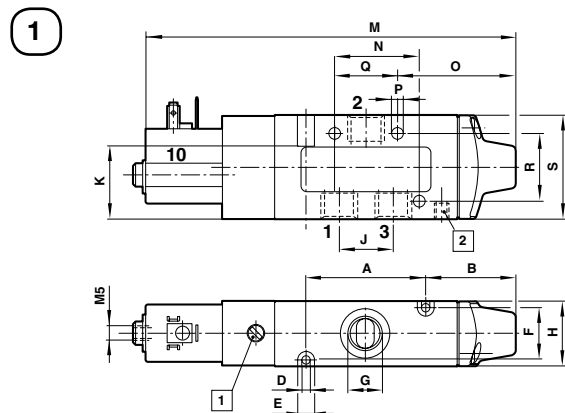
Electrical details

Voltage tolerance:	±10%
Rating:	100% E.D.
Protection class:	IP 65 with sealed plugs (ISO 6952)

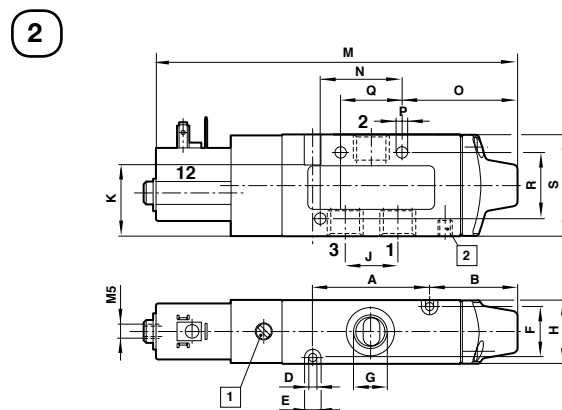
†Connectors

Connector Code	Description	Model
A	No connector	
B	Cable grip 0-240Vac/Vdc	54934-01
C	6 ft molded cable, 0-240Vac/Vdc	54934-21
H	Cable grip w/indicator light 24 VDC	54934-08
J	Cable grip w/indicator light 120Vac	54934-02
Z	1/2" Conduit 0-240Vac/Vdc	54934-05
5	6 ft molded cable w/indicator light, surge suppression, 24Vac/Vdc	54934-30
6	6 ft molded cable w/indicator light, 120Vac	54934-35

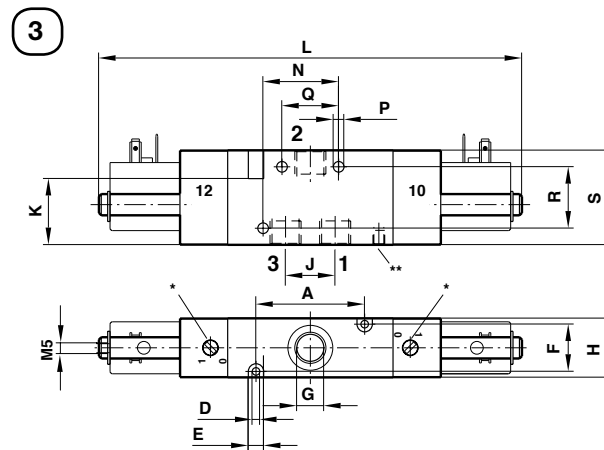
3/2 NC Solenoid Pilot Spring Return Valve



3/2 NO Solenoid Pilot Spring Return Valve



3/2 Double Solenoid Pilot Valve



* Manual override

** External pilot supply 10-32

*** Collected pilot exhaust 10-32

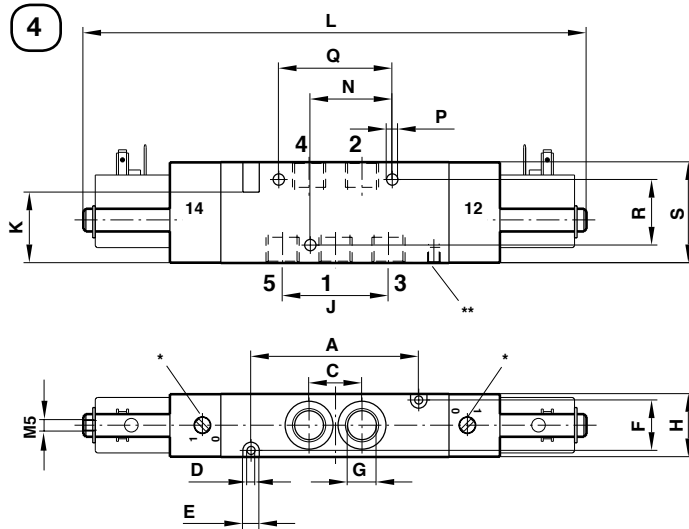
**** Solenoid 1

***** Solenoid 2

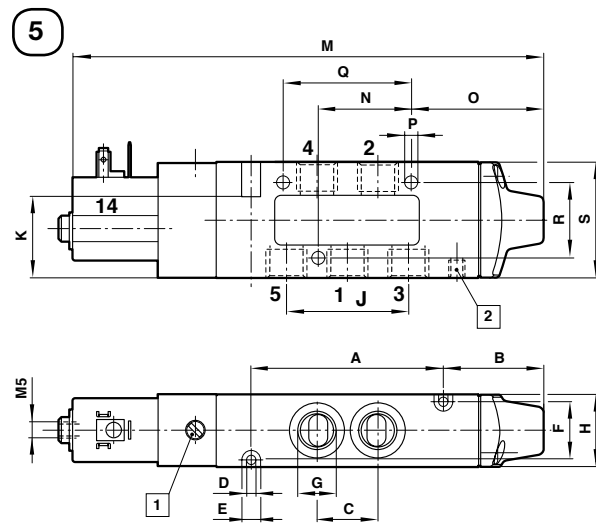
Drawing No	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
1	V60	1.38	0.67	—	0.13	0.26	0.67	1/8	0.87	0.64	1.10	—	4.49	0.98	0.98	0.18	0.71	1.02	1.38	—	—
1	V61	1.81	0.79	—	0.13	0.26	0.79	1/4	0.98	0.83	1.10	—	5.22	1.26	1.22	0.18	0.94	1.02	1.57	—	—
1	V62	2.13	0.83	—	0.18	0.31	1.10	3/8	1.34	0.96	1.73	—	5.71	0.47	1.42	0.18	1.02	1.42	2.17	—	—
2	V60	1.38	0.67	—	0.13	0.26	0.67	1/8	0.87	0.64	1.10	—	4.49	0.98	0.98	0.18	0.71	1.02	1.38	—	—
2	V61	1.81	0.79	—	0.13	0.26	0.79	1/4	0.98	0.83	1.10	—	5.22	1.26	1.22	0.18	0.94	1.02	1.57	—	—
2	V62	2.13	0.83	—	0.18	0.31	1.10	3/8	1.34	0.96	1.73	—	5.71	0.47	1.34	0.18	1.02	1.42	2.17	—	—
3	V60	1.38	—	—	0.13	0.26	0.67	1/8	0.87	0.64	1.10	6.30	—	0.98	—	0.18	0.71	1.02	1.38	—	—
3	V61	1.81	—	—	0.13	0.26	0.79	1/8	0.98	0.83	1.10	7.05	—	1.26	—	0.18	0.94	1.02	1.57	—	—
3	V62	2.13	—	—	0.18	0.31	1.10	3/8	1.34	0.96	1.73	7.64	—	0.47	—	0.18	1.02	1.42	2.17	—	—

Dimensions in inches (mm)

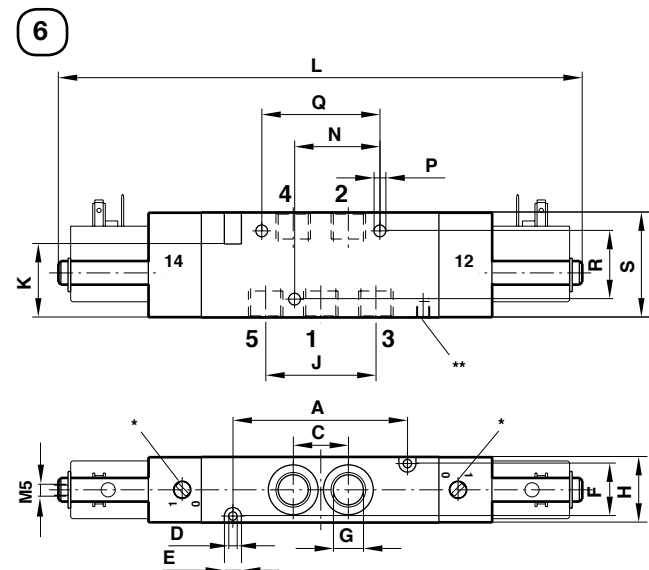
2x3/2 Solenoid Pilot Spring Return Valve



5/2 Solenoid Pilot Spring Return Valve



5/2 Double Solenoid Pilot Valve



* Manual override

** External pilot supply 10-32

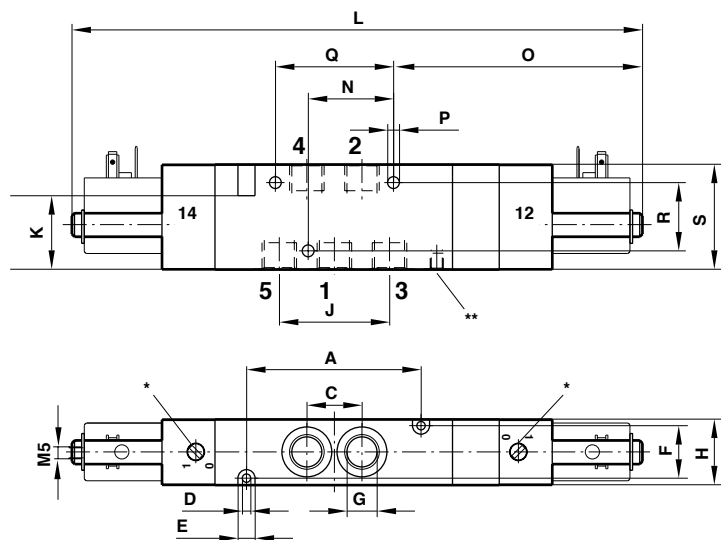
*** Collected pilot exhaust 10-32

**** Solenoid 1

***** Solenoid 2

Drawing No	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
4	V60	1.97	—	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	6.89	—	0.98	—	0.18	1.32	1.02	1.38	—	—
4	V61	2.60	—	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	7.83	—	1.26	—	0.18	1.73	1.02	1.57	—	—
4	V62	3.07	—	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	8.58	—	0.47	—	0.18	1.02	1.42	2.17	—	—
5	V60	1.97	0.67	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	—	5.08	0.98	0.98	0.18	1.32	1.02	1.38	—	—
5	V61	2.60	0.79	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	—	6.00	1.26	1.22	0.18	1.73	1.02	1.57	—	—
5	V62	3.07	0.83	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	—	6.69	0.47	2.36	0.18	1.02	1.42	2.17	—	—
6	V60	1.97	—	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	6.89	—	0.98	—	0.18	1.32	1.02	1.38	—	—
6	V61	2.60	—	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	7.83	—	1.26	—	0.18	1.73	1.02	1.57	—	—
6	V62	3.07	—	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	8.58	—	0.47	—	0.18	1.02	1.42	2.17	—	—

Dimensions in inches (mm)

5/3 Double Solenoid Pilot Valve
7


* Manual override

** External pilot supply 10-32

*** Collected pilot exhaust 10-32

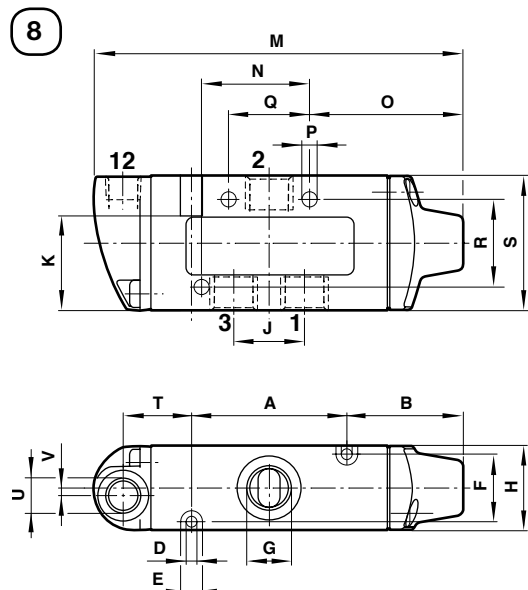
**** Solenoid 1

***** Solenoid 2

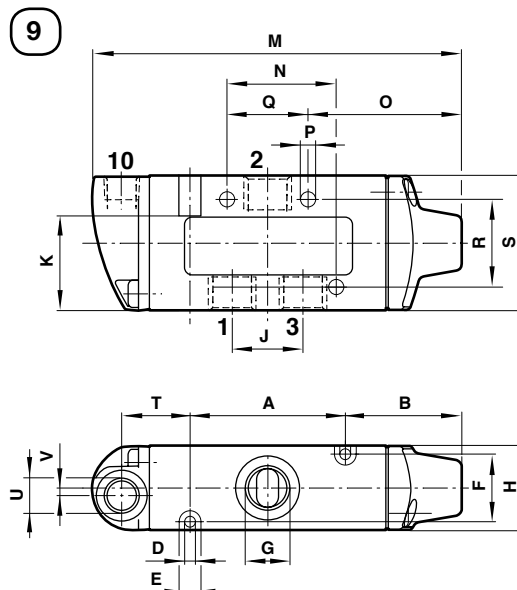
Drawing No.	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
7	V60	1.97	—	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	7.44	—	0.98	3.33	0.18	1.32	1.02	1.38	—	—
7	V61	2.60	—	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	8.54	—	1.26	—	0.18	1.73	1.02	1.57	—	—
7	V62	3.07	—	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	9.49	—	0.47	5.20	0.18	1.02	1.42	2.17	—	—

Dimensions in inches (mm)

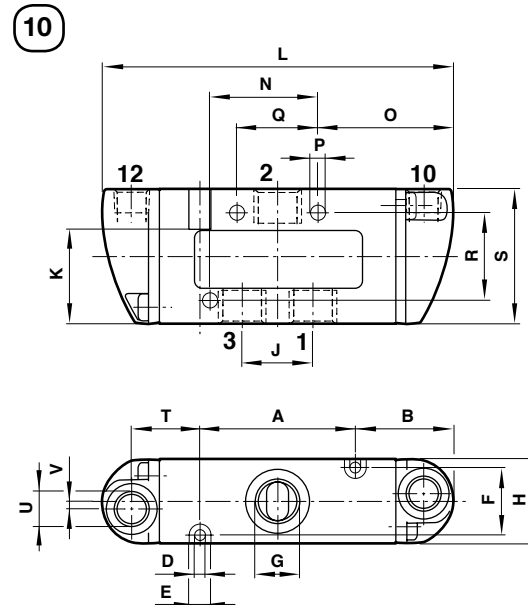
3/2 NC Air Pilot Spring Return Valve



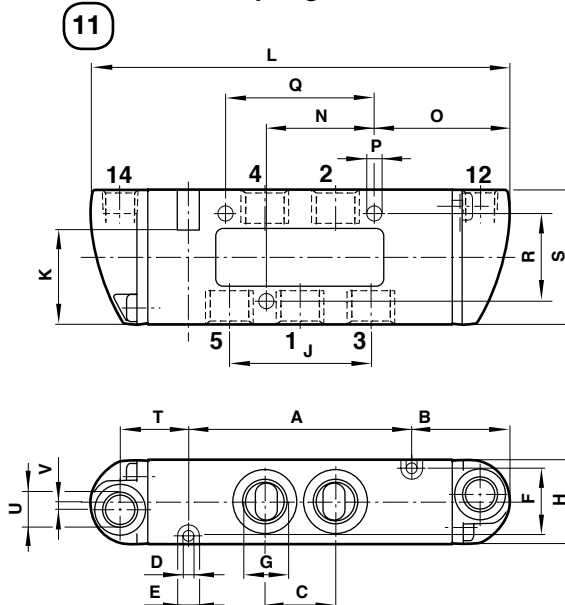
3/2 NO Air Pilot Spring Return Valve



3/2 Double Air Pilot Valve



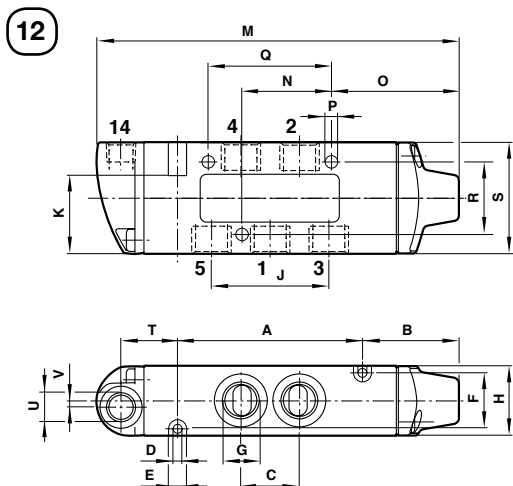
2x3/2 Air Pilot Spring Return Valve



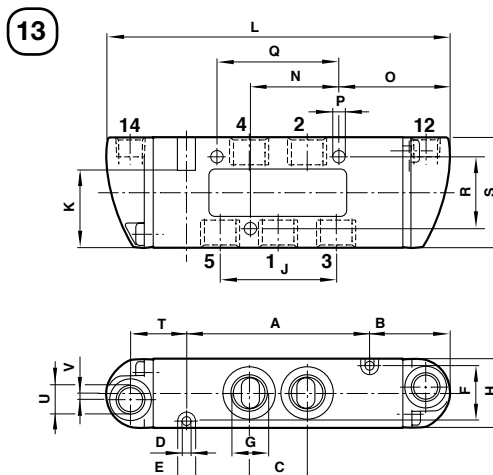
Drawing No.	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
8	V60	1.38	1.08	—	0.13	0.26	0.67	1/8	0.87	0.64	1.10	—	3.54	0.98	1.41	0.18	0.71	1.02	1.38	0.73	1/8" NPT
8	V61	1.81	1.36	—	0.13	0.26	0.79	1/4	0.98	0.83	1.10	—	4.33	1.26	1.79	0.18	0.94	1.02	1.57	0.80	1/8" NPT
8	V62	2.13	1.69	—	0.18	0.31	1.10	3/8	1.34	0.96	1.73	—	4.88	0.47	2.28	0.18	1.02	1.42	2.17	0.83	1/8" NPT
9	V60	1.38	1.08	—	0.13	0.26	0.67	1/8	0.87	0.64	1.10	—	3.54	0.98	1.41	0.18	0.71	1.02	1.38	0.73	1/8" NPT
9	V61	1.81	1.36	—	0.13	0.26	0.79	1/4	0.98	0.83	1.10	—	4.33	1.26	1.79	0.18	0.94	1.02	1.57	0.80	1/8" NPT
9	V62	2.13	1.69	—	0.18	0.31	1.10	3/8	1.34	0.96	1.73	—	4.88	0.47	2.20	0.18	1.02	1.42	2.17	0.83	1/8" NPT
10	V60	1.38	1.08	—	0.13	0.26	0.67	1/8	0.87	0.64	1.10	3.50	—	0.98	1.40	0.18	0.71	1.02	1.38	0.73	1/8" NPT
10	V61	1.81	1.14	—	0.13	0.26	0.79	1/4	0.98	0.83	1.10	4.09	—	1.26	1.57	0.18	0.94	1.02	1.57	0.80	1/8" NPT
10	V62	2.13	1.06	—	0.18	0.31	1.10	3/8	1.34	0.96	1.73	4.25	—	0.47	1.65	0.18	1.02	1.42	2.17	0.83	1/8" NPT
11	V60	1.97	1.07	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	4.11	—	0.98	1.40	0.18	1.32	1.02	1.38	0.74	1/8" NPT
11	V61	2.60	1.14	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	4.88	—	1.26	1.57	0.18	1.73	1.02	1.57	0.80	1/8" NPT
11	V62	3.07	1.06	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	5.20	—	0.47	2.60	0.18	1.02	1.42	2.17	0.83	1/8" NPT

Dimensions in inches

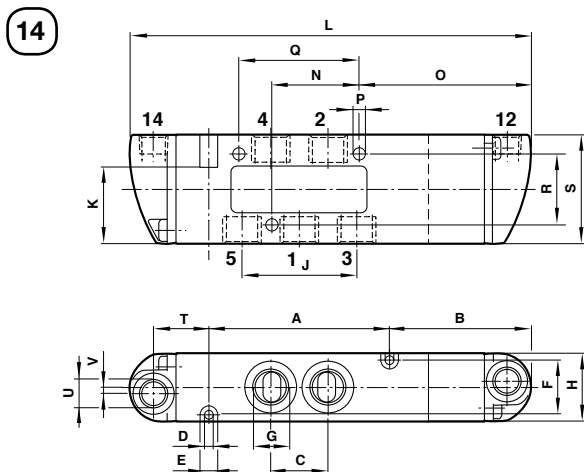
5/2 Air Pilot Spring Return Valve



5/2 Double Air Pilot Valve



5/3 Double Air Pilot Valve



Drawing No.	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U
12	V60	1.97	1.08	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	—	4.13	0.98	1.41	0.18	1.73	1.02	1.38	0.74	1/8" NPT
12	V61	2.60	1.36	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	—	5.12	1.26	1.79	0.18	1.02	1.02	1.57	0.80	1/8" NPT
12	V62	3.07	1.69	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	—	5.83	0.47	3.23	0.18	1.32	1.42	2.17	0.83	1/8" NPT
13	V60	1.97	1.07	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	4.11	—	0.98	1.40	0.18	1.73	1.02	1.38	0.74	1/8" NPT
13	V61	2.60	1.14	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	4.88	—	1.26	1.57	0.18	1.02	1.02	1.57	0.80	1/8" NPT
13	V62	3.07	1.06	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	5.20	—	0.47	2.60	0.18	1.32	1.42	2.17	0.83	1/8" NPT
14	V60	1.97	1.63	0.64	0.13	0.26	0.67	1/8	0.87	1.28	1.10	4.67	—	0.98	1.95	0.18	1.73	1.02	1.38	0.74	1/8" NPT
14	V61	2.60	2.05	0.83	0.13	0.26	0.79	1/4	0.98	1.65	1.10	5.79	—	1.26	2.48	0.18	1.02	1.02	1.57	0.80	1/8" NPT
14	V62	3.07	1.95	0.96	0.18	0.31	1.10	3/8	1.34	1.92	1.73	6.08	—	0.47	3.48	0.18	1.32	1.42	2.17	0.83	1/8" NPT

Dimensions in inches (mm)

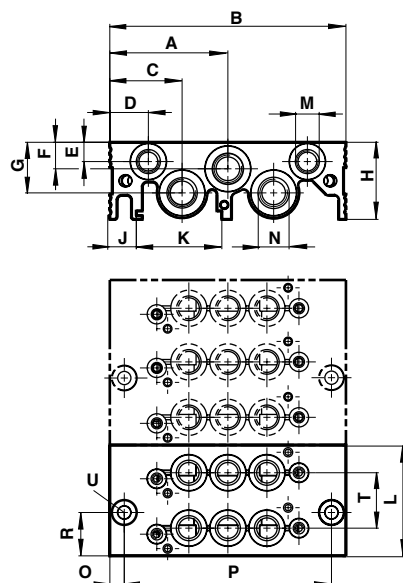
Manifold plate

Valve ports	V60	lbs (kg)	V61	lbs (kg)	V62 lbs (kg)	lbs (kg)
2	2221032	0.51 (0.23)	2221132	0.62 (0.28)	2221232	1.10 (0.50)
3	2221033	0.62 (0.28)	2221133	0.99 (0.45)	2221233	1.87 (0.85)

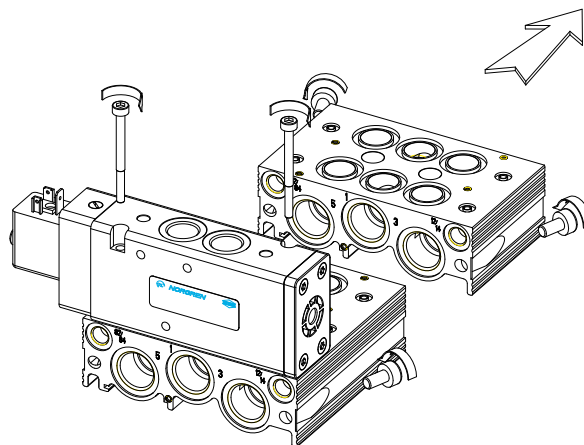
Note: Fixed length manifolds can only be used with 5-ported V60-V62 valves

Drawing dimensions

Manifold plate 2 stations + 3 stations

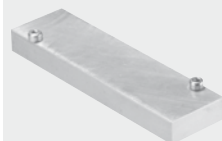


Extension possibilities with manifold plates

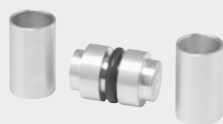


Type		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R	S	T	U
V60	2 stations	1.93	3.86	1.18	0.63	0.31	0.43	0.83	1.26	0.43	1.40	1.81	1/8	1/4	0.24	3.39	1.10	—	0.91	10-32
V60	3 stations	1.93	3.86	1.18	0.63	0.31	0.43	0.83	1.26	0.43	1.40	2.72	1/8	1/4	0.24	3.39	1.10	—	0.91	10-32
V61	2 stations	2.05	4.09	1.02	0.35	0.31	0.51	0.83	1.30	0.39	1.40	2.05	1/8	3/8	1.57	0.94	1.02	—	1.02	10-32
V61	3 stations	2.05	4.09	1.02	0.35	0.31	0.51	0.79	1.30	0.39	1.40	3.07	1/8	3/8	1.57	0.94	2.05	—	1.02	10-32
V62	2 stations	2.36	4.72	1.14	0.35	0.31	0.59	0.87	1.50	0.51	1.40	2.76	1/8	1/2	1.73	1.26	1.38	—	1.38	M6
V62	3 stations	2.36	4.72	1.14	0.35	0.31	0.59	0.87	1.50	0.51	1.40	4.13	1/8	1/2	1.73	1.26	2.76	—	1.38	M6

Blanking plate



Pressure shut-off part for 4 station up to 20 station manifolds

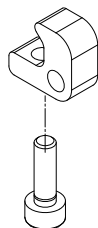
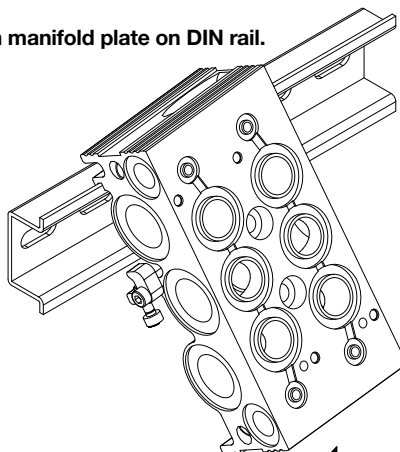
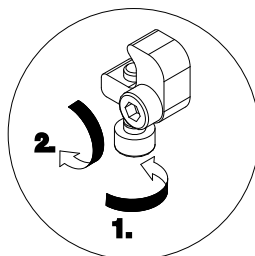
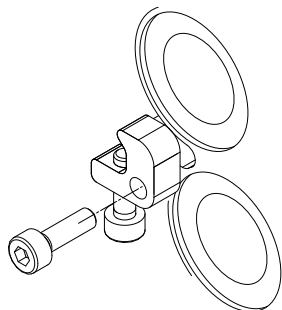
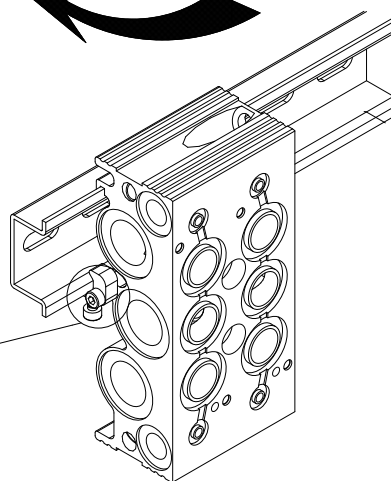
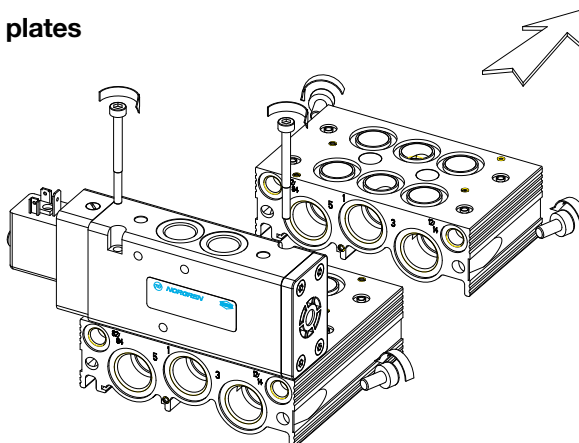


DIN Rail fixing kit



0100561 (V60)	0100567 (V60)	0101796 (V60-V62)
0100563 (V61)	0100569 (V61)	
0100565 (V62)	0100571 (V62)	

Dimensions in inches (mm)

Mounting instructions**DIN Rail****1. Mount screw in rod****3. Position manifold plate on DIN rail.****2. Fix rod on manifold plate with screw.****4. Tighten screws in steps as shown on picture****Extension possibilities with manifold plates**

Dimensions in inches (mm)

Product De-configuration Tree

V60A517A — A313JB

