3/2-way vacuum valve, pneumatically controlled with spring reset

Product notes

> Suction blow-off, ventilation of vacuum cups
> High suction power at small construction for short evacuation time and fast vacuum build-up
> Assembly of pneumatically controlled vacuum systems
> Valve operation requires no electric connection
> Shortest switching times compared to vacuum piloted and compressed air supported valves
> 36.815 to 36.825: Function: NC or NO as vacuum supply and blow-off / ventilation inlets can be exchanged

Ordering notes

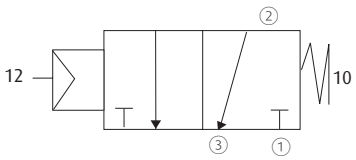
> 36.335 to 36.341: Electronic valve for switching control independent of compressed air supply available on request; ordering example for version with electronic valve: 36.335_24VDC, 36.341_230VAC etc.

Technical data

Item no.	Nominal width [mm]	Nominal flow rate [m³/h]	Control pressure [bar]	Pressure range [bar (psi)]	Operating principle	Switching time [ms]	Material	Operating temperature [°C (°F)]	Weight [g]
36.810	10	10	≥ 2	-0.99 - 0 (-14.4 - 0)	NO	22	Aluminum anodized	-5 - 50 (23 - 122)	360
36.811	10	10	≥ 2	-0.99 - 0 (-14.4 - 0)	NC	22	Aluminum anodized	-5 - 50 (23 - 122)	360
36.815	15	20	≥ 2	-0.99 - 0 (-14.4 - 0)	NO/NC	60	High resistant, fiberglass reinforced Polyarylamide (IXEF®)	-5 - 50 (23 - 122)	350
36.820	20	40	≥ 2	-0.99 - 0 (-14.4 - 0)	NO/NC	50	High resistant, fiberglass reinforced Polyarylamide (IXEF®)	-5 - 50 (23 - 122)	330
36.825	25	90	≥ 2	-0.99 - 0 (-14.4 - 0)	NO/NC	50	High resistant, fiberglass reinforced Polyarylamide (IXEF®)	-5 - 50 (23 - 122)	500
36.335	32	130	4 - 8	-0.99 - 0 (-14.4 - 0)	NC	200	High resistant, fiberglass reinforced polyamide (GPR)	-5 - 50 (23 - 122)	470
36.336	32	130	4 - 8	-0.99 - 0 (-14.4 - 0)	NO	200	High resistant, fiberglass reinforced polyamide (GPR)	-5 - 50 (23 - 122)	470
36.340	50	310	4 - 8	-0.99 - 0 (-14.4 - 0)	NC	300	High resistant, fiberglass reinforced polyamide (GPR)	-5 - 50 (23 - 122)	990
36.341	50	310	4 - 8	-0.99 - 0 (-14.4 - 0)	NO	300	High resistant, fiberglass reinforced polyamide (GPR)	-5 - 50 (23 - 122)	990

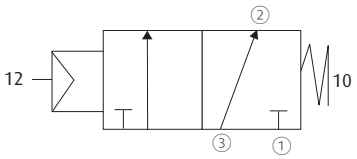
Wiring diagrams

NO: Normally open



Description of connections:
① = R (Compressed air, blow-off)
② = A (Product side)
③ = P (Vacuum supply)

NC: Normally closed

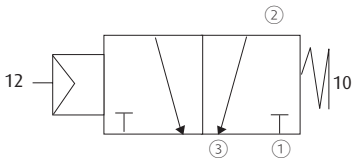


Description of connections:
① = R (Compressed air, blow-off)
② = A (Product side)
③ = P (Vacuum supply)

36.810 | 36.811

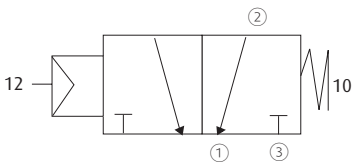
Wiring diagrams

NO: Normally open



Description of connections:
① = R (Compressed air, blow-off)
② = A (Product side)
③ = P (Vacuum supply)

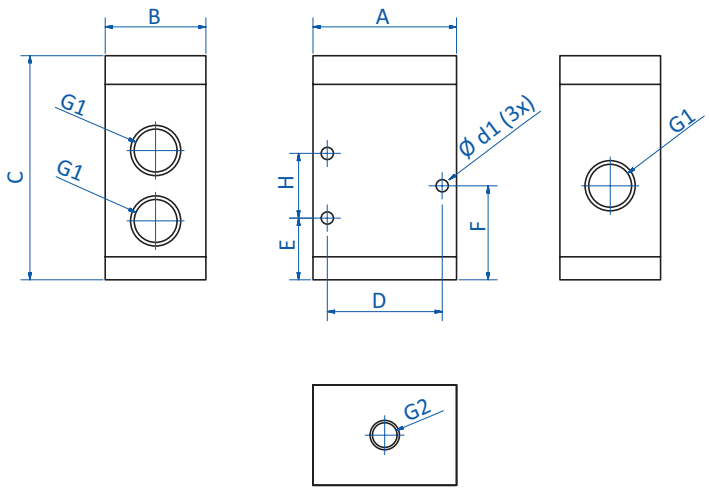
NC: Normally closed



Description of connections:
① = R (Compressed air, blow-off)
② = A (Product side)
③ = P (Vacuum supply)

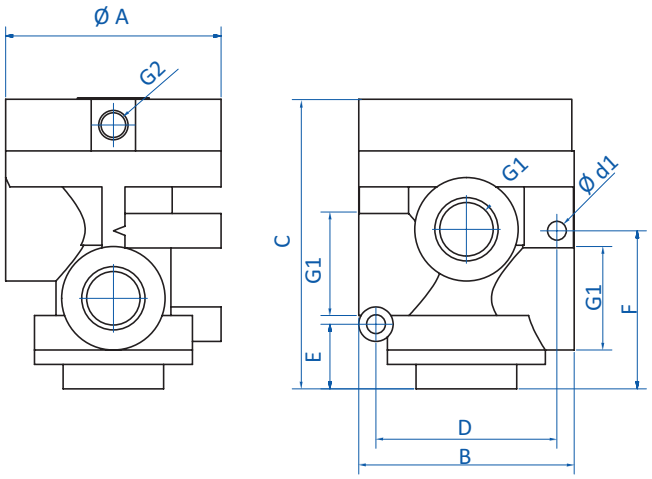
36.815 | 36.820 | 36.825 | 36.335 | 36.336 | 36.340 | 36.341

Dimensions

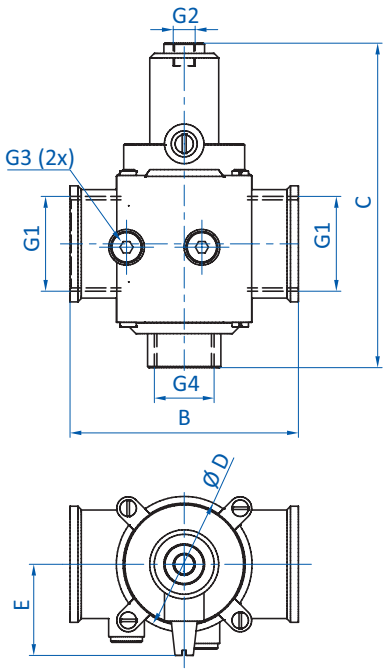


36.810 | 36.811

Dimensions

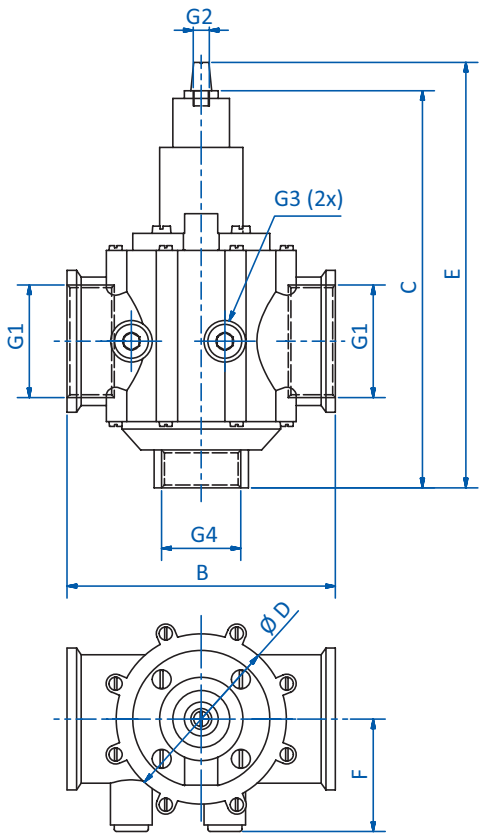


36.815 | 36.820 | 36.825



36.335 | 36.336

Dimensions



36.340 | 36.341

Item no.	G1	G2	G3	G4	Ø A [mm]	A [mm]	B [mm]	C [mm]	D [mm]	Ø D [mm]	Ø d1 [mm]	E [mm]	F [mm]	H [mm]
36.810	G3/8	G1/8	--	--	--	50	35	78	40	--	4.25	21.5	32.75	22.5
36.811	G3/8	G1/8	--	--	--	50	35	78	40	--	4.25	21.5	32.75	22.5
36.815	G1/2	G1/8	--	--	75	--	75	101	63	--	8	22.5	55	--
36.820	G3/4	G1/8	--	--	75	--	75	101	63	--	6.5	22.5	55	--
36.825	G1	G1/8	--	--	92	--	94	114.5	76	--	8.5	21	58	--
36.335	G1 1/4	G1/8	G1/8	G 3/4	--	--	101	144	--	60	--	41	--	--
36.336	G1 1/4	G1/8	G1/8	G 3/4	--	--	101	144	--	60	--	41	--	--
36.340	G2	G1/8	G3/8	G1 1/4	--	--	142	210	--	90	--	225	59.5	--
36.341	G2	G1/8	G3/8	G1 1/4	--	--	142	210	--	90	--	225	59.5	--