Pinch valves/shut-off valves

Pinch valves

Field of application: Pneumatic pinch valves are the fitting solution for the shut-off, regulation and dosing of abrasive, corrosive and fibrous products. They are ideally suited for use with these products due to their completely free product flow, whereby a practical blocking and dead space-free fitting results. The pneumatic pinch valves ensure an optimal shut-off, also when used with solids, such as granules, powders, pellets, chipping, sand, cement, gravel, textile fibres, carbon, fine glass fragments and liquids that contain solids.

stainless steel


aluminium


POM

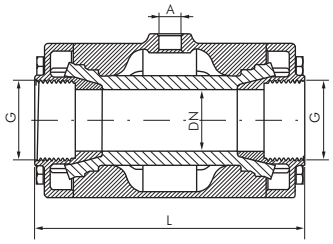
Advantages:
- Completely free flow
- No clogging by media
- Minimum frictional resistance
- Quick opening and closing
- Low energy consumption

Pneumatic pinch valves with female threads - normal open — PN 6

Materials: Housing: Type stainless steel: AISI 316, type aluminium: Aluminium powder coated, type POM: POM, sleeve: AISI 316 (type POM: POM), sleeve: Light natural rubber in food safe quality
Operating pressure: Max. 6 bar
Control pressure: Max. 2 bar higher than the medium's pressure
Temperature range: -10°C to max. +80°C
Optional: Natural rubber sleeve, abrasion resistant (-10°C to max. +80°C) **-AB**, EPDM sleeve (-10°C to max. +120°C) **-EP**

Type stainless steel (INOX)	Type aluminium	Type POM	G	DN	A	L	Type replacement sleeve
QVMC 38 ES	QVMC 38**	QVMP 38	G 3/8"	10	G 1/8"	80	QVM 38 *** REP
QVMC 12 ES	QVMC 12**	QVMP 12	G 1/2"	15	G 1/8"	95	QVM 12 *** REP
QVMC 34 ES	QVMC 34	QVMP 34	G 3/4"	20	G 1/8"	103	QVM 34 *** REP
QVMC 10 ES	QVMC 10	QVMP 10	G 1"	25	G 1/8"	120	QVM 10 *** REP
QVMC 114 ES	QVMC 114	QVMP 114	G 1 1/4"	32	G 1/4"	140 (135)*	QVM 114 *** REP
QVMC 112 ES	QVMC 112	QVMP 112	G 1 1/2"	40	G 1/4"	160	QVM 112 *** REP
QVMC 20 ES	QVMC 20	QVMP 20	G 2"	50	G 1/4"	185 (170)*	QVM 20 *** REP
QVMC 212 ES	QVMC 212	---	G 2 1/2"	65	G 1/4"	200	QVM 212 *** REP
QVMC 30 ES	QVMC 30	---	G 3"	80	G 1/4"	230	QVM 30 *** REP
QVMC 40 ES	QVMC 40	---	G 4"	100	G 1/4"	280	QVM 40 *** REP

* for type POM, ** POM housing, *** please enter the required material: LE = natural rubber, food quality, AB = natural rubber, abrasion resistant, EP = EPDM



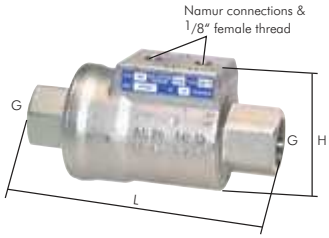
Order example: QVMC 38 ES **
Standard type

Designation for the options:
Sleeve made of natural rubber (abrasion resistant) . . -AB
Sleeve made of EPDM . . . . . -EP

TIP *Option -AB outstanding value*

Problem solver & cost saver

- Flow like a pneumatically controlled ball valve
- Short switching times
- Compact design
- Installation position as required
- Very economical price



Blocking valves, pneumatically actuated — PN 10

Materials: Housing and piston: Brass nickel-plated, seals: NBR
Temperature range: -20°C to max. +80°C, with FKM seal to max. +150°C
Operating pressure: Max. 10 bar as well as low vacuum
Control pressure: 3 - 8 bar (4.2 - 8 bar for single acting design), connection: Namur & 2x G 1/8" FT
Operating ranges: Water, oil, compressed air
Optional: FKM seals (-20°C to max. +150°C) **-V**, magn. limit switch **-EB**

Type double acting	Type spring closing	Type spring opening	G	L	H	DN	Sealing set
VIP 38 MS	VIP 38 FS MS	VIP 38 FO MS	G 3/8"	98	54	10	VIP 38 REP **
VIP 12 MS	VIP 12 FS MS	VIP 12 FO MS	G 1/2"	112	60	15	VIP 12 REP **
VIP 34 MS	VIP 34 FS MS	VIP 34 FO MS	G 3/4"	135	70	20	VIP 34 REP **
VIP 10 MS	VIP 10 FS MS	VIP 10 FO MS	G 1"	143	76	25	VIP 10 REP **
VIP 114 MS	VIP 114 FS MS	VIP 114 FO MS	G 1 1/4"	165	92	32	VIP 114 REP **
VIP 112 MS	VIP 112 FS MS	VIP 112 FO MS	G 1 1/2"	180	102	40	VIP 112 REP **
VIP 20 MS	VIP 20 FS MS	VIP 20 FO MS	G 2"	207	115	50	VIP 20 REP **

Order example: VIP 38 MS **
Standard type

Designation for the options:
FKM seal (-20°C to max. +150°C) . . . . . -V
Magnetic limit switch . . . . . -EB

Order example: VIP 38 REP **
Standard type

Designation for the options:
Seal NBR . . . . . -NBR
Seal FKM . . . . . -FKM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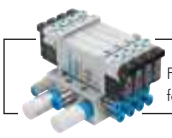
FESTO Festo valves can be found in our Online Shop


Push-in fittings Ø 3 - 32 mm from page 24


FESTO Festo screwed connections can be found in our Online Shop