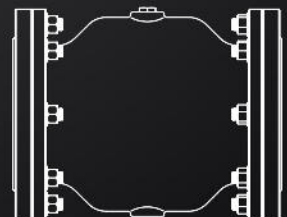




VF/VMC/VMP

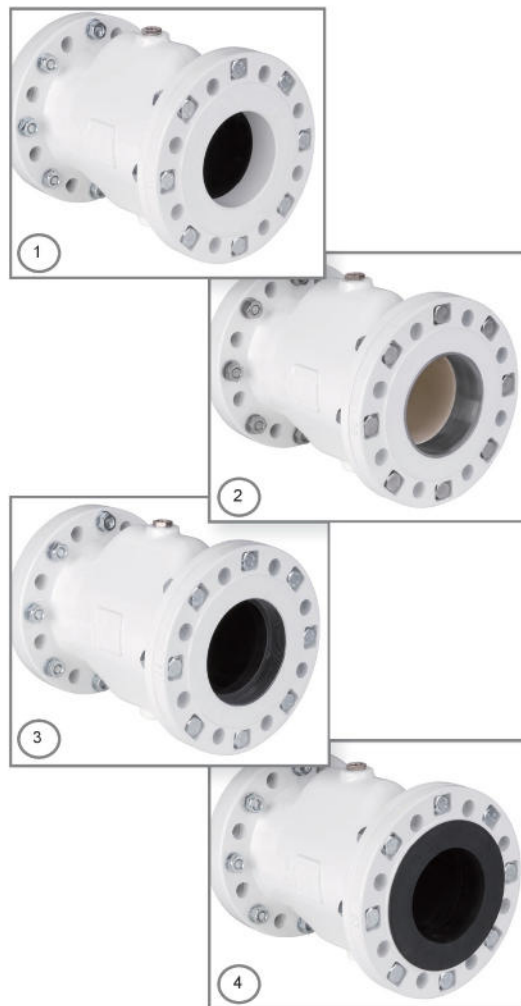
AIR PINCH VALVE

*Intelligent Process Control
Build A Quality*



气动夹管阀

Air operated Pinch Valves of VF series



夹管阀用作截止阀

AUTORUN公司的气动式夹管阀的结构简单，是极为经济的和理想的截止阀解决方案，因为操纵气动式夹管阀无需另外的传动装置，只需要一个二位三通电磁阀或者先导阀即可操纵气动式夹管阀。

Pinch Valves as shut-off Valves

Due to its simple structure, Autorun's air operated pinch valve represents a particularly low cost/economic shut-off valve solution, because a separate drive is not required for actuating them. In fact, only a 3/2-way solenoid valve or pilot valve is needed to control them.

夹管阀符合 PED (97/23/EC)认证标准

Pinch Valves comply with PED (97/23/EC)

材料：
阀体： 铝合金
法兰： 铝合金

Materials:
Body: Aluminum
Flange: Aluminum

阀门表面：
粉末涂层 60-80微米RAL9010

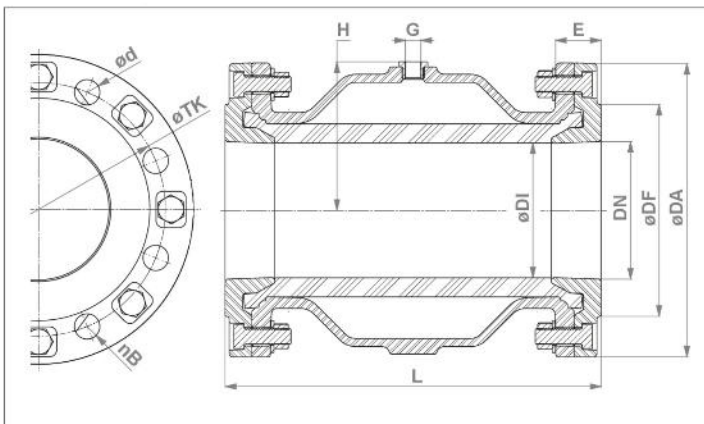
Valve finish:
Powder coated 60-80µm white RAL9010

气动夹管阀 – 标准的法兰式连接

Air operated Pinch Valves – Flange Connection



示例图: / Exempl. view:



法兰结构/Flange variations:

- ① 标准铝
aluminum flange
- ② 带不锈钢 / 钢材套管的铸铝
aluminum flange with steel/ stainless steel bushing
- ③ 铝内螺纹
aluminum flange with internal thread
- ④ 铝合金 带法兰衬套
aluminum flange with flange sleeve

DN (mm)	DI (mm)	DA (mm)	DF (mm)	nB***	d (mm)	TK (mm)	L (mm)	G (mm)	H (mm)	E (mm)	重量 (kg) Weight(kg) alt-flanges	容积(I)* Volume(I)* (ca./approx)	PS max. (bar)	内螺纹/ Internal thread G1	GT (mm)
40	40	150	88	4	18	110	155	G1/4"	56	28	2, 9	0, 20	6	G1½	19
50	50	165	102	4	18	125	183	G1/4"	65	30	3, 8	0, 30	6	G2"	24
65	65	185	122	4	18	145	183	G1/4"	81	28	4, 3	0, 45	6	G2½	22
80	80	200	138	8	18	160	228	G1/4"	95	31	5, 6	0, 95	6	G3"	22
100	100	220	158	8	18	180	280	G1/4"	112	35	8, 5	1, 70	6	G4"	20
125	118	250	184	8	18	210	348	G1/4"	136	40	12, 1	3, 50	6	—	—
150	145	285	212	8	22	240	418	G1/4"	160	43	17, 0	7, 00	6	—	—
200	190	340	268	8	22	295	558	G3/8"	206	60	33, 2	15, 50	4	—	—
250	250	395	320	12	22	350	680	G1/2"	266	67	56, 0	30, 00	3	—	—
300	300	445	370	12	22	400	820	G1/2"	306	70	86, 0	49, 00	3	—	—

* 容积=衬套关闭时控制介质容积 / Volume= Control volume with closed sleeve

法兰连接符合DIN PN 10标准。ANSI标准请和我们洽询 / Flange connection pursuant to DIN PN 10. ANSI on request

** 法兰衬套密封加大L尺寸(DN 40 - 100) / Flange sleeve sealing increases the Dimension L (DN 40 - 100)

*** 孔数 / Number of holes

衬套:

耐磨天然橡胶、食品安全天然橡胶、高温天然橡胶、EPDM, 黑色食品安全三元乙丙橡胶, 浅色食品安全三元乙丙橡胶, 丁腈橡胶, 黑色食品安全丁腈橡胶, 浅色食品安全丁腈橡胶, 氟橡胶, 硅树脂, 氯丁橡胶, 氯磺化聚乙烯橡胶, 丁基橡胶。

Sleeves:

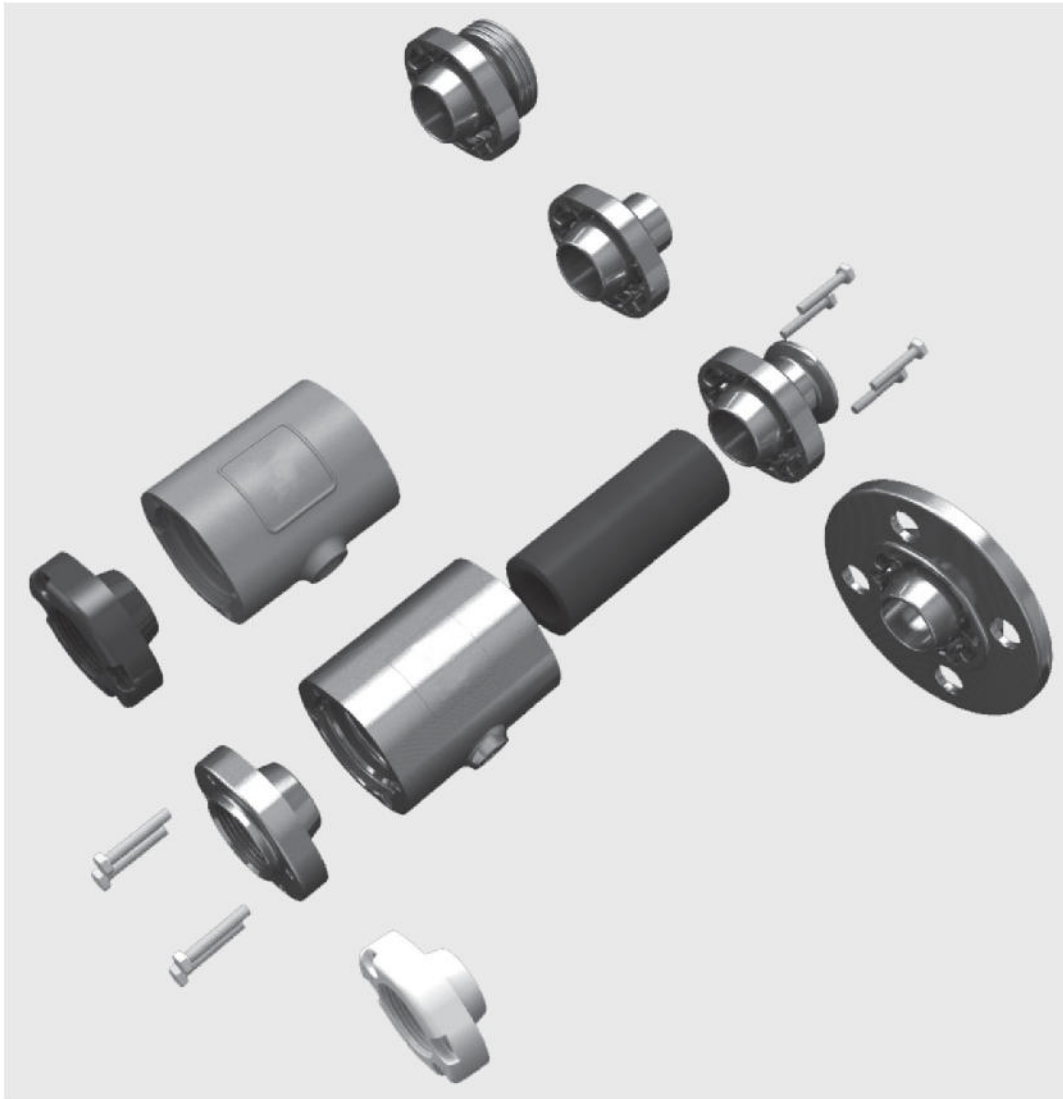
natural rubber (NR) anti-abrasive, NR food quality, NR high temp, EPDM, EPDM food black, EPDM food pale, NBR, NBR food black, NBR foodpale, FPM/FKM, Silicone, CR, CSM, IIR

关于夹管阀配套设备的详细资料请您参考“阀门配件”

Pinch Valve Accessories to be found on our data sheet "Pinch Valve Accessories".

气动夹管阀 型号VMC

Air operated Pinch Valve of VMC Series



法兰/Flange



内螺纹/Internal Thread



卡箍连接/Tri-Clamp



端焊接/端焊接/Weld-on ends



螺纹接合管/Threaded spigot

可灵活运用于防腐管道的，可拆卸的模块化系统！

用于控制和截止固体，悬浮液，糊状物，气体，纤维和粘性物质等几乎所有介质的理想解决方案。

优点:

- 灵活的模块化系统
- 多种连接可能性
- 结构紧凑
- 重量轻
- 通道流畅
- 无死角
- 易于维护和保养
- 零泄漏100%密封
- 成本低

The flexible modular system for detachable and aseptic piping connections!

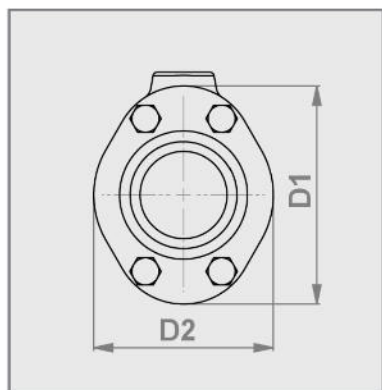
The ideal solution for isolation and regulation of solids of all kinds, suspensions, pastes, gaseous, fibrous and viscous media.

Advantages:

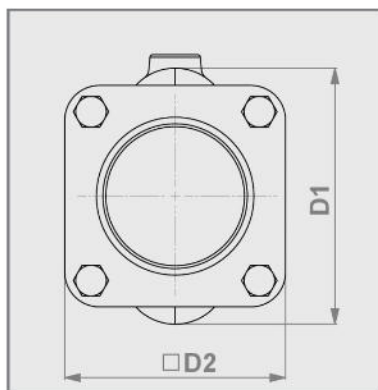
- Flexible modular system
- Various connection options
- Extremely compact
- Light weight
- Complete free passage
- No dead spots
- Easy maintenance and re-sleeving
- 100% tight shut off
- Competitive

气动夹管阀—内螺纹连接(G/N)

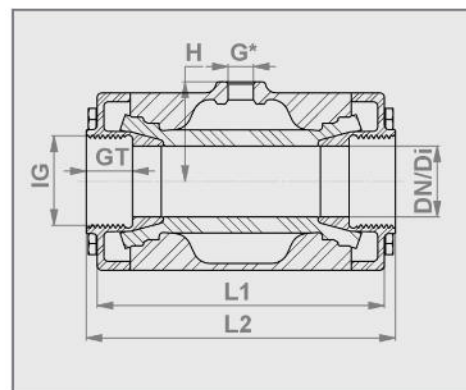
Air operated Pinch Valve – Internal Thread connection (G/N)



DN10 - DN50



DN65 - DN100



示例图 / Exmpl. view (DN10 - DN50)

连接形式:

带内螺纹连接的,
按德标 DIN EN ISO 228 "G"
或美标 ANSI/ASME B1.20.1 "NPT"

Connection type:

Internal Thread Connection according to
DIN EN ISO 228 "G" or
ANSI/ASME B1.20.1 "NPT"

壳体:

DN 10-100: 不锈钢 4408(E)
DN 20-100: 铝合金 AlSi10Mg(A)
DN 10-15: 聚甲醛 POM天然色(P)
DN 10-15: 聚甲醛 POM导电(P) 

Body:

DN 10-100: Stainless steel 1.4408 (E)
DN 20-100: Aluminum AlSi10Mg (A)
DN 10-15: Plastic POM (P) natural white
DN 10-15: Plastic POM (P) conductive 

螺纹帽:

DN 10-100: 不锈钢 1.4404(E)
DN 20-50: 聚甲醛 POM天然色(P)医药 / 食品
DN 20-50: 聚甲醛 POM导电(P) 
危险及防爆区

(Internal Thread) Socket ends:

DN 10-100: Stainless steel 1.4404 (E)
DN 20-50: Plastic POM (P) natural white
DN 20-50: Plastic POM (P) conductive 
for hazardous areas

阀门表面:

不锈钢: 电抛光亚光
产品附件DN10-50 - Ra 0,5/
DN65-100-Ra0,8其他材料请和我们洽询
粉末涂层60-80微米 RAL7035

Valve finish:

Stainless steel: Electropolished
Wetted parts DN10-50 = Ra 0.5 /
DN65-100 = Ra 0.8. Others on request
Aluminum: Powder coated 60-80µm RAL7035

DN/Di (mm)	D1 (mm)	D2 (mm)	IG (inch)	GT (mm)	L1 (mm)	L2 (mm)	G (inch)	H (mm)	¹ 容积(I) vol.(ml) (约/approx)	重量 Weight(kg) (EE)	重量 Weight(kg) (AE)	重量 Weight(kg) (AP)	重量 Weight(kg) (PE)
10	46	35	G 3/8"	12	68	80	G 3/8"	23	0,03	0,5	—	—	0,2
15	56	47	G 1/2"	15	85	95	G 1/2"	28	0,05	0,8	—	—	0,4
20	62	49	G 3/4"	17	93	103	G 3/4"	32	0,07	0,8	0,5	0,4	—
25	72	57	G 1"	20	110	120	G 3/4"	37	0,09	1,3	0,8	0,5	—
32	80	66	G 1 1/4"	21	130	140	G 3/4"	45	0,13	1,7	1,1	0,7	—
40	90	77	G 1 1/2"	21	150	160*	G 3/4"	50	0,22	2,4	1,5	0,9	—
50	110	88	G 2"	25	175	185	G 3/4"	60	0,36	3,6	2,2	1,6	—
65	139	115	G 2 1/2"	30	173	200	G 3/4"	74	0,44	4,0	3,0	—	—
80	173	133	G 3"	33	213	230	G 3/4"	90	0,88	5,6	4,4	—	—
100	203	156	G 4"	20	264	280	G 3/4"	107	1,80	11,0	6,6	—	—

¹ 容积=衬套关闭时控制介质容积 / Volume=Control volume with closed sleeve

* K为选择型号长度=150mm / Alternatively available is our K-variant - length = 150mm

气动夹管阀VMP系列紧凑型

Pneumatic pinch valve VMP series compact



DN10-DN15



DN20-DN25



DN32-DN50

可靠，经济

自动关断紧凑型气动阀用于粉尘颗粒
粉剂、悬浮液、污水、排气等。

优点：

- 结构紧凑端面长度减小30%
- 重量减小25%
- 适合食品行业应用
- 防爆保护设计
- 极好的耐气候性能
- 通道流畅
- 无堵塞
- 零泄漏100%密封
- 易维护和更换配件

Reliable, economical!

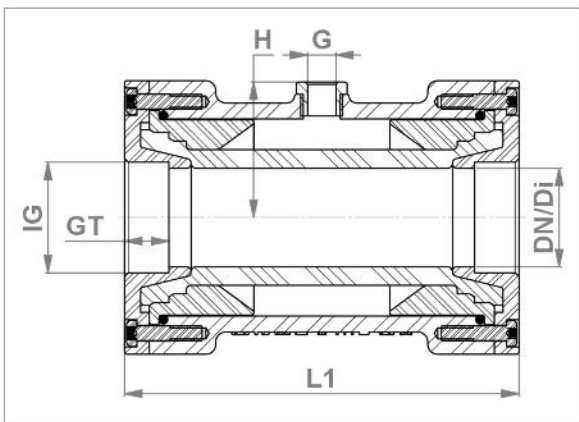
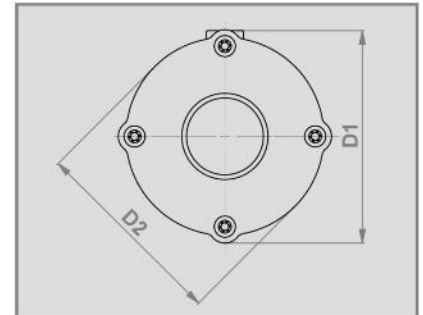
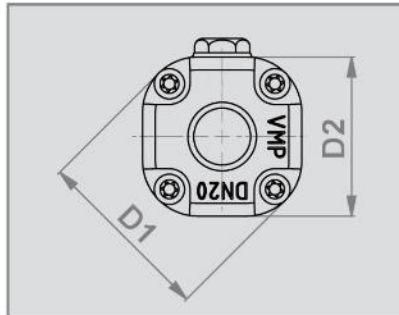
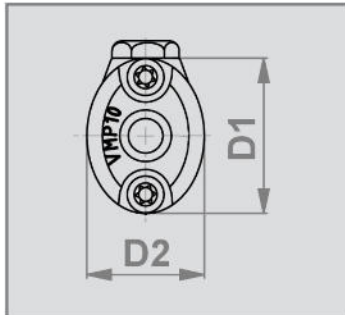
Automatic shut off the compact pneumatic valve for dust particles
Powder, suspension, sewage, exhaust and so on.

Advantages:

- Compact surface length reduced by 30%
- Weight reduction by 25%
- Suitable for food applications
- Explosion protected design
- Excellent weather resistance
- Complete free passage
- No plugging
- 100% tight shut off
- Easy maintenance and re-sleeving

气动式夹管阀 – 内螺纹连接

Air operated Pinch Valves – Internal Thread Connection



工业范围:

气力输送系统 / 精细颜料 / 粉尘颗粒 / 粉剂 / 悬浮液 / 污水 / 陶瓷 / 玻璃 / 塑料工业 / 医药 / 食品工业 / 配料系统 / 计量 / 提炼 / 灌装 / 和称重 / 排气和通风系统

Industrial areas:

Pneumatic conveying systems/pigments and granules/ceramics/glass/plastic industry/pharmaceutical/food industry/extraction systems/dosing systems/filling and weighing systems/air venting systems

DN/Di (mm)	IG (inch)	GT (mm)	L1 (mm)	D1 (mm)	D2 (mm)	G (inch)	H (mm)	PS max. (bar)	螺丝 screws	容积 (ml)* volume (ml) (ca/approx)	重量** Weight(kg)
10	G 3/8"	12	80	45	34	G 1/8"	27,5	6,0	4	15	0,12
15	G 1/2"	14	95	55	46	G 3/8"	32,5	6,0	4	25	0,31
20	G 3/4"	17	103	63	56	G 1/2"	34,5	6,0	8	40	0,31
25	G1"	17	120	75	70	G 5/8"	40,0	6,0	8	80	0,50
32	G1 1/4"	18	135	98	90	G 3/4"	48,0	4,5	8	150	0,66
40	G1 1/2"	18	160	111	103	G 3/4"	55,0	4,5	8	300	0,97
50	G2"	24	170	130	120	G 3/4"	64,0	4,0	12	450	1,50

* 容积=衬套关闭时控制介质容积 / Volume= Control volume with closed sleeve

** 配套不锈钢的VMP系列的重量DN10=0,3 DN15=0,4kg weight for VMP valves w/stainless steel socket= DN10=0,3 DN15=0,4kg

连接方式:

管内螺纹(ISO 228)或NPT, 其它可根据需要提供

阀体/连接形式***

聚甲醛PO天然色 医药 / 食品
聚甲醛POM黑色 极好的耐候性能
聚甲醛POM导电 危险及防爆区 

***DN10+15毫米的插座盖也可选用不锈钢料 (不锈钢编号1.4404)

衬套:

耐磨天然橡胶、食品安全天然橡胶, 二元乙丙橡胶, 丁腈橡胶, 氯磺化聚乙烯橡胶, 丁基橡胶, 氯丁橡胶, 其它材料请和我们洽询。

保留技术更改的权利

Connection type:

Internal Thread (DIN ISO 228) or NPT, others on request.

Body/socket ends***

POM naturalwhite FDA approved
POM black excellent weather resistance
POM conductive for areas at risk of explosions 

*****Stainless steel (1.4404) socket end covers available in nominal diameter 10+15.

Sleeves:

Natural rubber (NR) anti-abrasive, NR food quality, EPDM, NBR, CSM, IIR, CR (neoprene), others on request..

Technical details subject to change without notice.



Build A Quality

Autorun®

浙江欧德隆自控阀门有限公司

ZHEJIANG ODELO AUTOMATIC CONTROL VALVE CO.,LTD.

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