

4H Series Hand Lever Valve



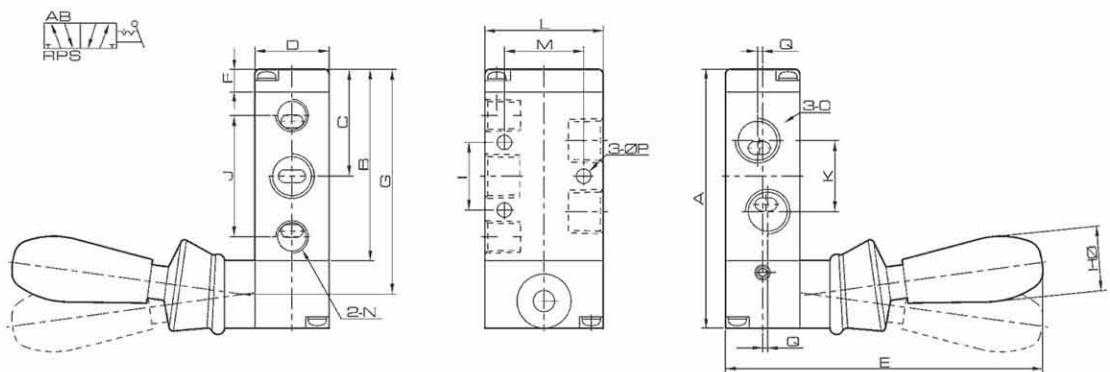
订购代号 / Ordering Code

4H	2	10	-	C	-	08	-	L
Model	Series	No. of places		Middle Postion		Port Size		Type
4H:5/2(3)way	2:200 series	10:single-head		C:mid-position closed		06:G1/8"		Blank:5/2way lock type
	3:300 series	double-position		E:mid-postion exhaust		08:G1/4"		L:5/3way lock type
	4:400 series	30:single-head		P:mid-position pressure		10:G3/8"		S:5/2(3)spring returen
		three-position				15:G1/2"		

规格/Specifcation

Model	4H210-06	4H210-08	4H230-08	4H310-08	4H310-10	4H330-10	4H410-15	4H430-15
Working Medium	40 Micron Filtered Air							
Operation	Direct							
Effective Sectional Area	14mm ² (CV=0.78)	16mm ² (CV=0.89)	12mm ² (CV=0.67)	25mm ² (CV=1.4)	30mm ² (CV=1.68)	18mm ² (CV=1.00)	50mm ² (CV=2.79)	30mm ² (CV=1.68)
Port Size	Inlet=Outlet =Exhasut port =G1/8"	Inlet=Outlet Port=G1/4" Exhaust=G1/8"	Inlet=Outlet =Exhaust port =G1/4"	Inlet=Outlet =Exhaust port =G1/4"	Inlet=Outlet port=G3/8" Exhaust port=G1/4"		Inlet=Outlet= Exhaust port=G1/2"	
Working Pressure	0~0.8MPa							
Working Temperature	0~60°C							

外形尺寸/Overall Dimension



图形符号 / GraPhic symbol

Symbol Model	4H210-08(06) 4H230-08(06)-L	4H230-08(06)-S (automatic re- bound)	4H310-10(08) 4H330-10(08)-L	4H330-10(08)-S (automatic re- bound)	4H410-15 4H430-15-L	4H430-15-S (automatic re- bound)
A	76	95	96	115	126	147
B	56.5	75.5	72	91	102	123
C	31.5	31.5	40	60	55.5	76.5
D	22	22	27	27	34	34
E	95	95	100	100	110	110
F	6.5	6.5	7.5	7.5	7.5	7.5
G	66.5	85.5	84	103	114	135
H	18	18	18	18	18	18
I	20	20	24	24	28	28
J	36	36	45	45	63	63
K	21	21	24	24	36	36
L	35	35	40	40	50	50
M	21	21	27	27	35	35
N	G1/8	G1/8	G3/8	G3/8	G1/2	G1/2
O	G1/4(G1/8)	G1/4(G1/8)	G3/8(G1/4)	G3/8(G1/4)	G1/2	G1/2
P	4.3	4.3	4.3	4.3	5.5	5.5
Q	1.5(-)	1.5(-)	2(-)	2(-)	-	-

HV / K Series Hand Switching Valve



订购代号 / Ordering Code

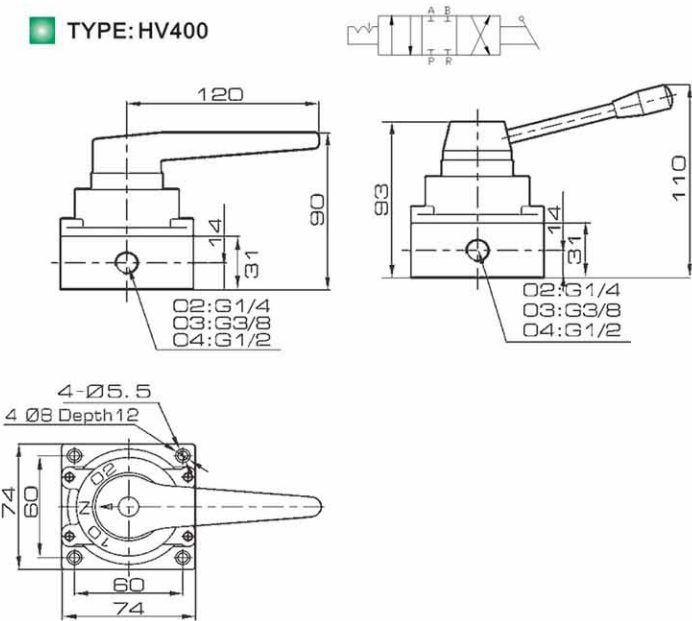
Model	Series	Port Size	Connection Type	Model	Postion & Way	Type	Port Size
HV: hand switching valve	400	02:G1/4" 03:G3/8" 04:G1/2"	Blank:threaded B:sub-plate	K: hand switching valve	24:4/2way 34: 4/3way	R8: hand switching valve	L6:G1/8" L8:G1/4"

规格/Specification

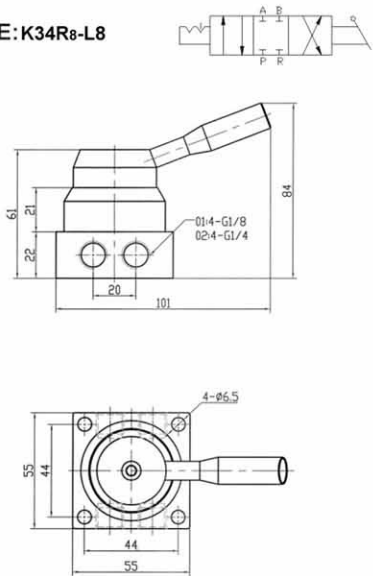
Model	HV400-02	HV400-03	HV400-04	K34R ₈ -L6	K34R ₈ -L8
Working Medium	40 Micron Filtered Air				
Port size	G1/4"	G3/8"	G1/2"	G1/8"	G1/4"
Effective Sectional Area	30mm ² (CV=1.68)			18mm ² (CV=1.00)	
Working Pressure	0~0.8MPa				
Ambient Temperature	0~60°C				

外形尺寸/Overall Dimension

TYPE: HV400



TYPE: K34R8-L8

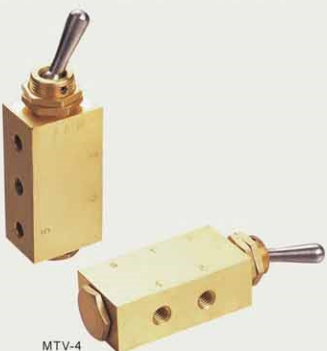


Toggle Switch Valve

订购代号 / Ordering Code

MTV-4

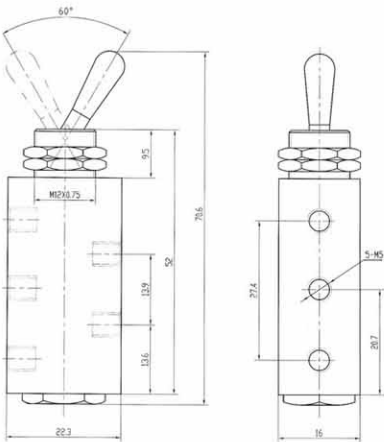
Specification Code



规格/Specification

型号/Model	MTV-4
Working Medium	40 Micron Filtered Air
Valve Type	Two-Position Five-Way
Port Size	M5
Working Temperature	0~60°C
Orifice Size	10mm ² (Cv=0.56)
Working Pressure	0~0.08MPa

TYPE: MTV-4



JM Series Mechanical Valve

订购代号 / Ordering Code

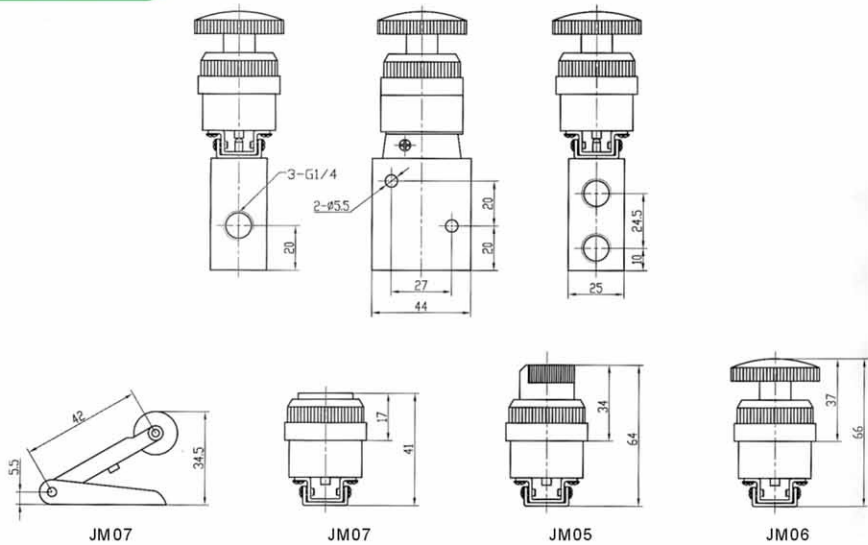
JM - 06

JM Series
mechanical valve

05: selector knob
06:emergency push
botton with lock
06A:plat round push button
07: roller type



外形尺寸/Overall Dimension



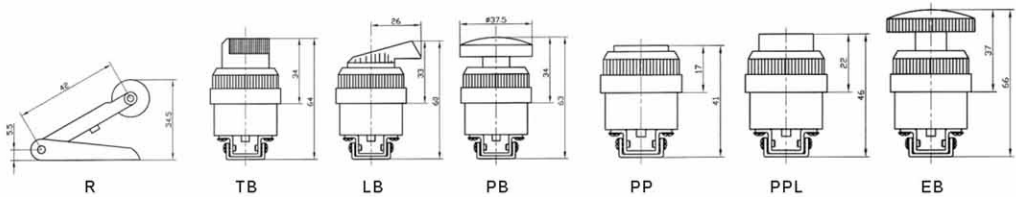
规格/Specification

型号/Model	JM05	JM06	JM06A	JM07
Working Medium	40 Micron Filtered Air			
Valve Type	Two-Postion Three-Way			
Port Size	G1/8、 G1/4			
Working Temperature	0~60℃			
Working Pressure	0~0.8Mpa			

MSV Series Mechanical Valve

订购代号 / Ordering Code

MSV	86	32	1	R
Model	Series	Valve Type	Port Size	Button Type
MSV	86: 86 series 98:98 series	32: two-position three-way 52:two-postion five-way	1:G1/8" 2:G1/4"	Blank:plunger R:roller type TB:selector knob LB:long selector knob PB:large round button PP:plat round button PPL:convex round button EB:emergency push button with lock

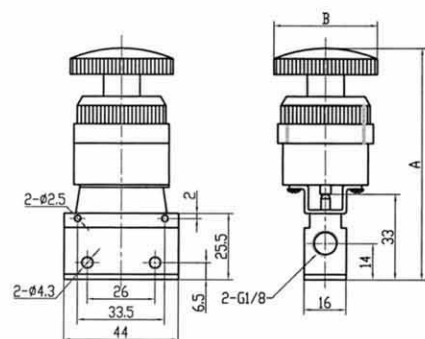


规格/Specification

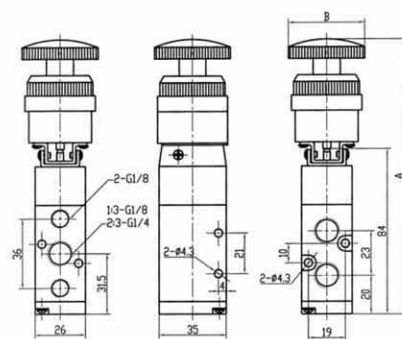
型号/Model	MSV86321	MSV86522	MSV98322
Working Medium	40 Micron Filtered Air		
Valve Type	Two-Position Three-way	Two-Position Five-Way	Two-Position Three-way
Port Size	G1/8	G1/4	G1/4
Working Temperature	0~60°C		
Orifice Size	12mm ² (Cv=0.67)	16mm ² (Cv=0.89)	16mm ² (Cv=0.89)
Working Pressure	0~0.8Mpa		

外形尺寸/Overall Dimension

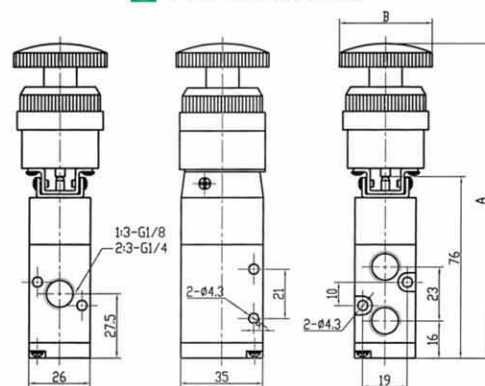
TYPE: MSV86321



TYPE: MSV86522



TYPE: MSV98322



外形尺寸/Overall Dimension

系列/Series	符号/型号 Symbol/Model	R	TB	LB	PB	PP	PPL	EB
MSV86321	A	59.5	88.5	85	83	66	71	86
	B	42.5	36.5	26.5	37.5	39.5	24.5	39.5
MSV86522	A	107.5	136.5	133	131	114	119	134
	B	42.5	36.5	26.5	37.5	39.5	24.5	39.5
MSV98322	A	99.5	129.5	125	123	106	111	126
	B	42.5	36.5	26.5	37.5	39.5	24.5	39.5

TSV Series Hand Lever Valve



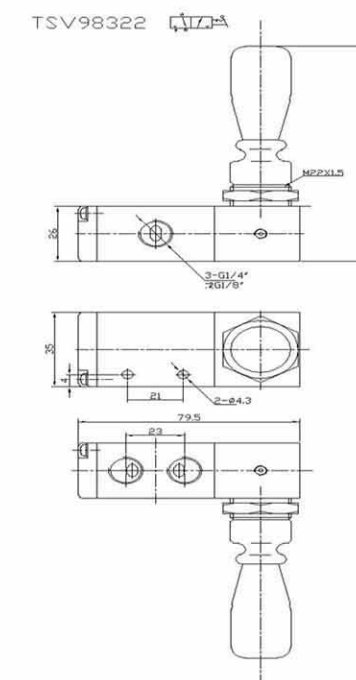
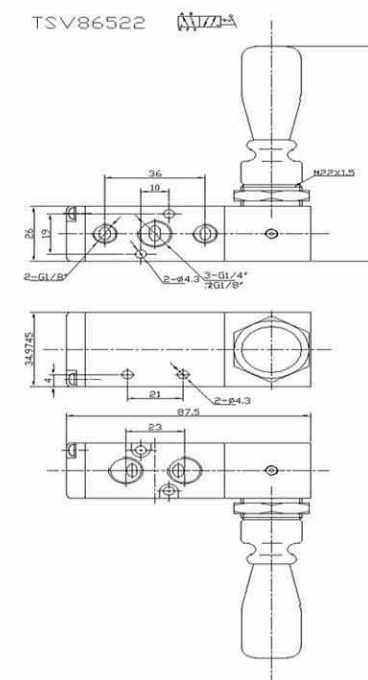
订购代号 / Ordering Code

TSV86	52	2	M
Model	Valve Type	Port Size	Type
TSV86	52:5/2way	1:G1/8"	M:mechanical lock
TSV98	32:3/2way	2:G1/4"	S:spring return

规格/Specification

Model	TSV86522	TSV98322
Working Medium	40 Micron Filtered Air	
Operation	Direct	
Effective Sectional Area	18mm ²	
Port Size	G1/4 "	
Working Pressure	0~0.8MPa	
Working Temperature	0~60°C	

外形尺寸/Overall Dimension



4F Series Foot Valve



4F210-08G

4F210-08L

4F210-08

订购代号 / Ordering Code

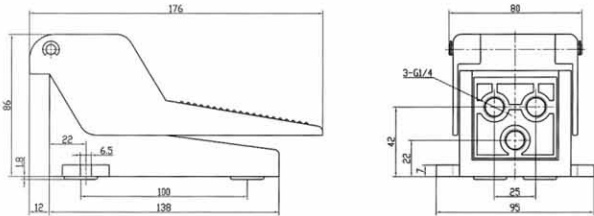
4F	2	10	-	08	L
Model	Series	No. of Postion	Port Size	Type	
4F:5/2way foot valve	2:200 series	10: single-head double-postion	08:G1/4"	Blank: standard type L: with lock G: with protecting cover LG:with lock & protecting cover	

规格/Specification

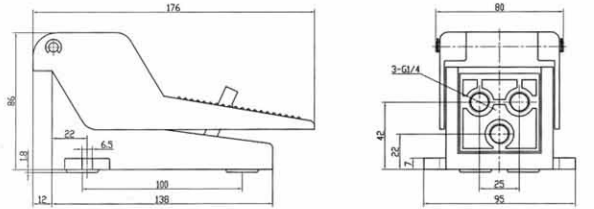
型号/Model	4F210-08	4F210-08L	4F210-08G	4F210-08LG
Working Medium	40 Micron Filtered Air			
Valve Type	Two-Postion Five-Way			
Port Size	Inlet=Outlet=G1/4" Exhaust=G1/8"			
Action Type	Deirect Action			
Working Pressure	0~0.8MPa			
Working Temperature	0~60°C			

外形尺寸/Overall Dimension

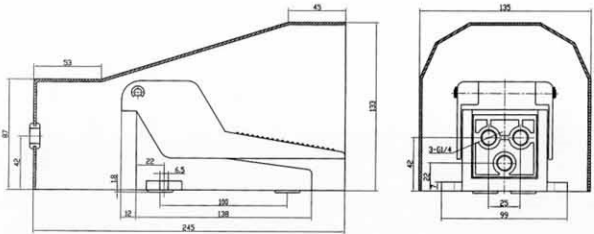
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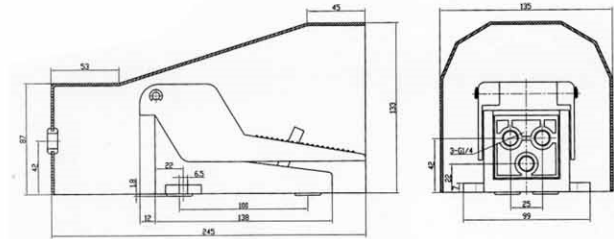
TYPE: 4F210-08L



TYPE: 4F210-08G



TYPE: 4F210-08LG



FV Series Foot Valve

订购代号 / Ordering Code

FV	-	320
Model	-	Valve Type
FV: foot valve		320:two-postion three-way
		420:two-postion four-way

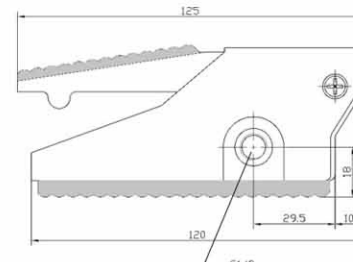
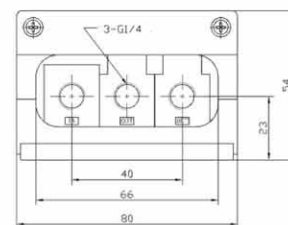


规格/Specification

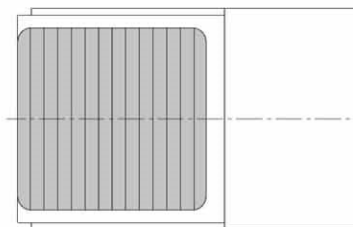
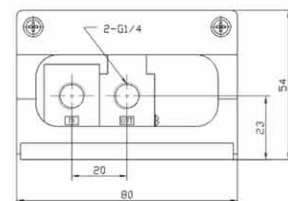
型号/Model	FV320	FV420
Working Medium	40 Micron Filtered Air	
Action Type	Direct Action	
Port Size	Inlet=Outlet port=G1/4 Exhaust port=G1/8	
Working Temperature	0~60℃	
Valve Type	Two-Postion Three-Way	Two-Postion Four-Way
Working Pressure	0~0.8Mpa	

外形尺寸/Overall Dimension

TYPE: FV420



TYPE: FV320



3R / 4R Series Hand-Draw Valve

订购代号 / Ordering Code

4R	2	10	-	08
Model	Series	No. of Postion	-	Port Size
3R: 3/2way	2:200series	10:single-head		06:G1/8"
hand-draw valve		double-postion		08:G1/4"
4R: 5/2way				
hand-draw valve				



4R210-08



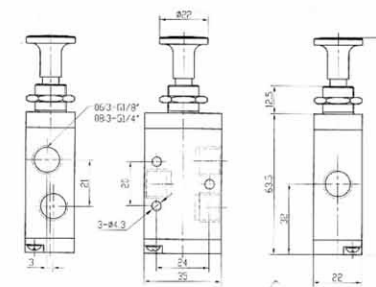
3R210-08

规格/Specification

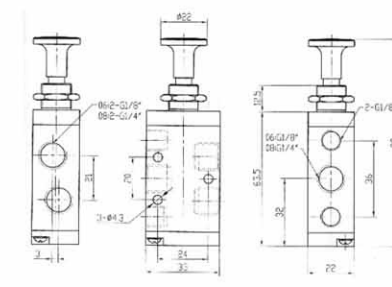
型号/Model	3R210-06	3R210-08	4R210-06	4R210-08
Working Medium	40 Micron Filtered Air			
Valve Type	Two-Postion Thre-Way		Two-Postion Five-Way	
Port Size	Inlet=Outlet=Exhaust port=G1/8	Inlet=Outlet=G1/4 Exhaust=G1/8	Inlet=Outlet=Exhaust port=G1/8	Inlet=Outlet=G1/4 Exhaust=G1/8
Working Temperature	0~60℃			
Orifice Size	14mm ² (Cv=0.78)	16mm ² (Cv=0.89)	14mm ² (Cv=0.78)	16mm ² (Cv=0.89)
Working Pressure	0~0.8Mpa			

外形尺寸/Overall Dimension

TYPE: 3R210



TYPE: 4R210



ASC / RE Series Flow Control Valve



ASC-15



RE-01

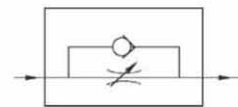


RE-02

订购代号 / Ordering Code

ASC	-	08	RE	-	02
Model	-	Port Size	Model	-	Port Size
ASC: precision flow control valve		06:G1/8"	RE: standard flow control valve		01:G1/8"
		08:G1/4"			02:G1/4"
		10:G3/8"			03:G3/8"
		15:G1/2"			04:G1/2"

Symbol

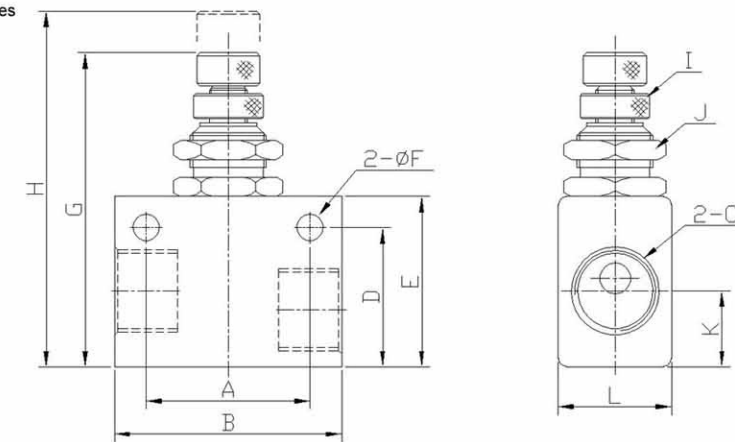


规格/Specification

Model	Accurate Type				Ordinary Type			
	ASC-06	ASC-08	ASC-10	ASC-15	RE-01	RE-02	RE-03	RE-04
Port Size	G1/8"	G1/4"	G3/8"	G1/2"	G1/8"	G1/4"	G3/8"	G1/2"
Working Medium	Air							
Working Pressure	0~0.95MPa							
Ambient Temperature	0~60°C							

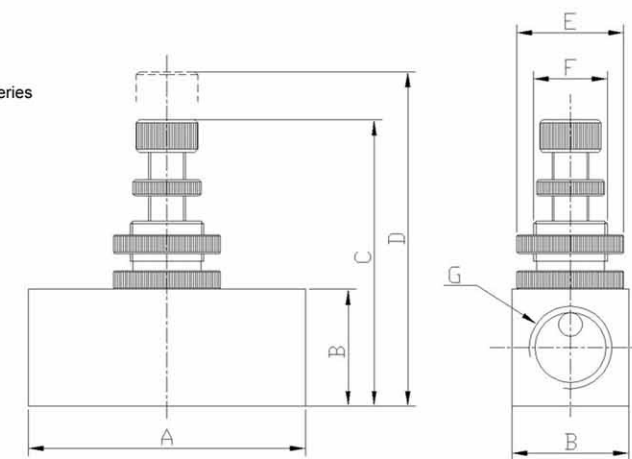
外形尺寸/Overall Dimension

ASC Series



Model Symbol	A	B	C	D	E	F	G	H	I	J	K	L
ASC-06	22	32	G1/8	22	27	4.3	49.7	56.5	M6X0.5	M12X0.75	12	18
ASC-08	26	36	G1/4	22	27	4.3	49.7	56.5	M6X0.5	M12X0.75	12	18
ASC-10	28	40	G3/8	25	30	4.3	52.7	59.5	M6X0.5	M12X0.75	13	22
ASC-15	28	40	G1/2	30	35	4.3	58.7	65.5	M6X0.5	M12X0.75	13.5	26

RE Series



Model Symbol	A	B	C	D	E	F	G
RE-01	45	19	43	50	φ19	M14X1	G1/8
RE-02	45	19	43	50	φ19	M14X1	G1/4
RE-03	55	25	55	62	φ25	M18X1	G3/8
RE-04	55	25	55	62	φ25	M18X1	G1/2

KA Series Non-Return Valve

订购代号 / Ordering Code

KA Model	L8 Port Size
KA: non-return valve	M5:M5
	L6:G1/8"
	L8:G1/4"
	L10:G3/8"
	L15:G1/2"
	L20:G3/4"
	L25:G1"
	L32:G1 1/4"
	L40:G1 1/2"
	L50:G2"

图形符号 / Graphic symbol



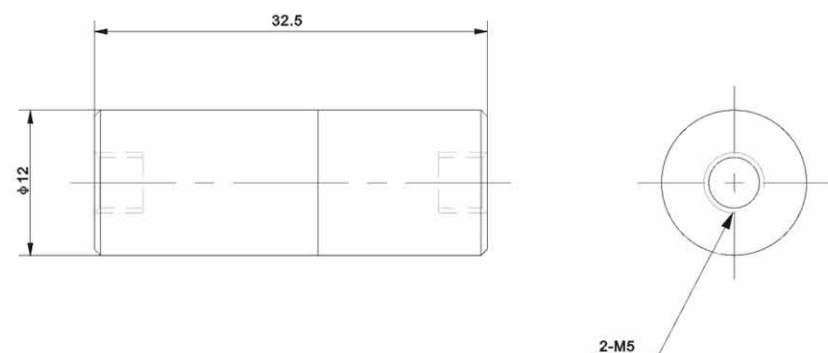
KA-L8

规格/Specification

型号/Model	KA-M5	KA-L6	KA-L8	KA-L10	KA-L15	KA-L20	KA-L25	KA-L32	KA-L40	KA-L50
Working Medium	40 Micron Filtered Air									
Port Size	M5	G1/8	G1/4	G3/8	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2
Working Temperature	0~60℃									
Working Pressure	0.05~1.0Mpa									
Max. Proof Pressure	1.5Mpa									

外形尺寸/Overall Dimension

TYPE: KA-M5



QE / QEA Series Quick Exhaust Valve



QE-A-01

QE-01

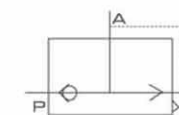
QE-02

QE-03

订购代号 / Ordering Code

QE Model	01 Port Size
QE	01:G1/8"
QEA	02:G1/4"
	03:G3/8"
	04:G1/2"
	06:G3/4"

Symbol

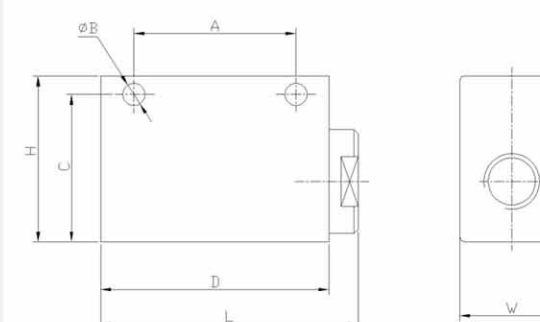


规格/Specification

Model	QE-01	QE-02	QE-03	QE-04	QE-06
Port Size	G1/8"	G1/4"	G3/8"	G1/2"	G3/4"
Effective Sectional Area	16mm ²	27.5mm ²	28mm ²	71mm ²	72.5mm ²
Working Medium	Air				
Working Pressure	0~1.0MPa				
Ambient Temperature	0~60℃				

外形尺寸/Overall Dimension

QE Series



Model Symbol	Port Size	L	W	H	A	B	C	D
QE-01	G1/8	46	20	32	30	4.3	27	40
QE-02	G1/4	62	25	40	39	5.6	33.5	55
QE-03	G3/8	62	25	40	39	5.6	33.5	55
QE-04	G1/2	98	38	64	60	8.5	51	90
QE-06	G3/4	98	38	64	60	8.5	51	90

LQ Series Mechanical Valve Hand Valve



订购代号 / Ordering Code

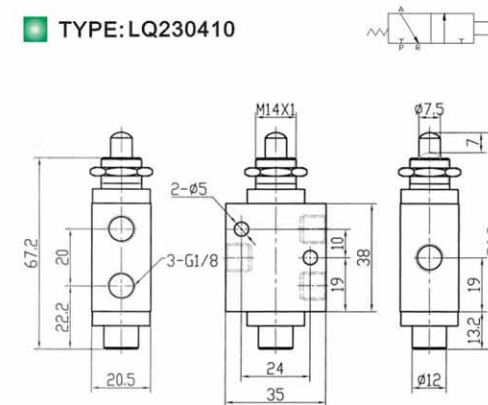
Model	Valve Type	Port Size	Button Type
LQ	23: 3/2way	04: G1/8"	10: pin-lift type
	24: 4/2way	06: G1/4"	12: pin-lift roller type
	25: 5/2way		22: hand-draw type

规格/Specification

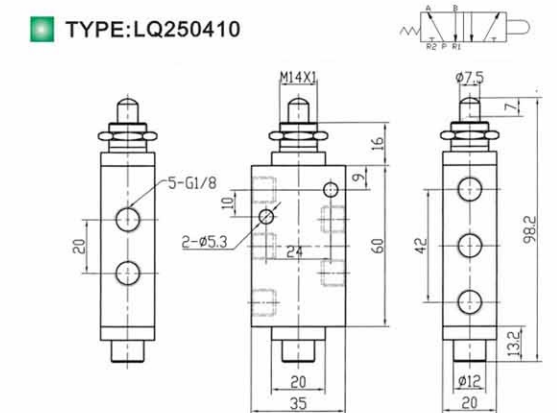
型号/Model	LQ230410	LQ230610	LQ250410	LQ250610
	LQ230412	LQ230612	LQ250412	LQ250612
	LQ230422	LQ230622	LQ250422	LQ250622
Working Medium	40 Micron Filtered Air			
Valve Type	Two-Position Three-Way		Two-Position Five-Way	
Port Size	G1/8	G1/4	G1/8	G1/4
Working Temperature	0~60℃			
Orifice Size	14mm ² (Cv=0.78)	16mm ² (Cv=0.89)	14mm ² (Cv=0.78)	16mm ² (Cv=0.89)
Working Pressure	0~0.8Mpa			

外形尺寸/Overall Dimension

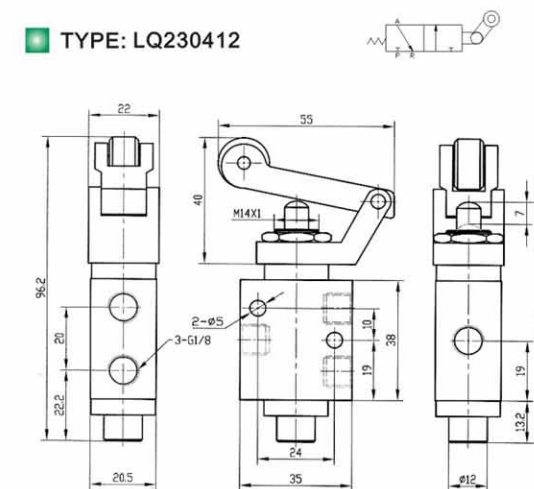
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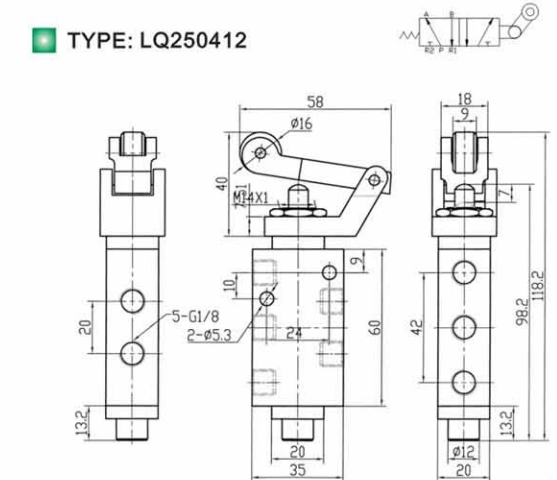
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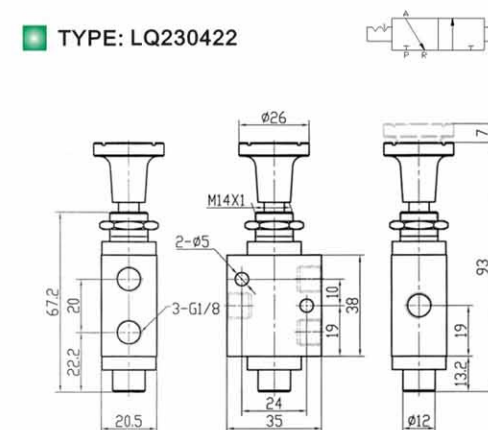
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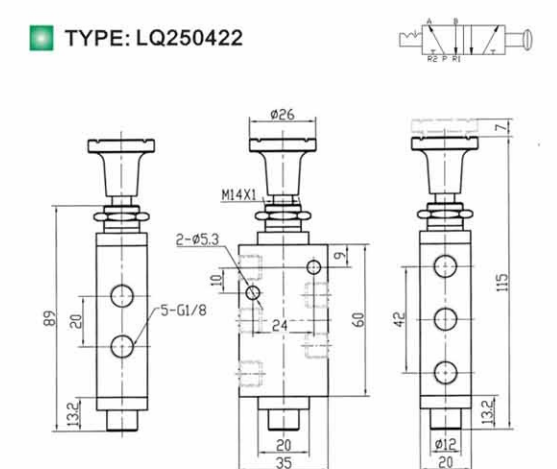
TYPE: LQ250412



TYPE: LQ230422



TYPE: LQ250422



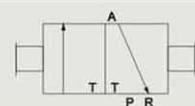
HSV Series Hand Slide Valve

订购代号 / Ordering Code

Model	Port Size	Mounting Type
HSV	06:PT1/8"	Blank: output male thread,input female thread
	08:PT1/4"	SS: output & input male thread
	10:PT3/8"	FF: output & input female thread
	15:PT1/2"	SF: output female thread,input male thread
	20:PT3/4"	
	25:PT1"	



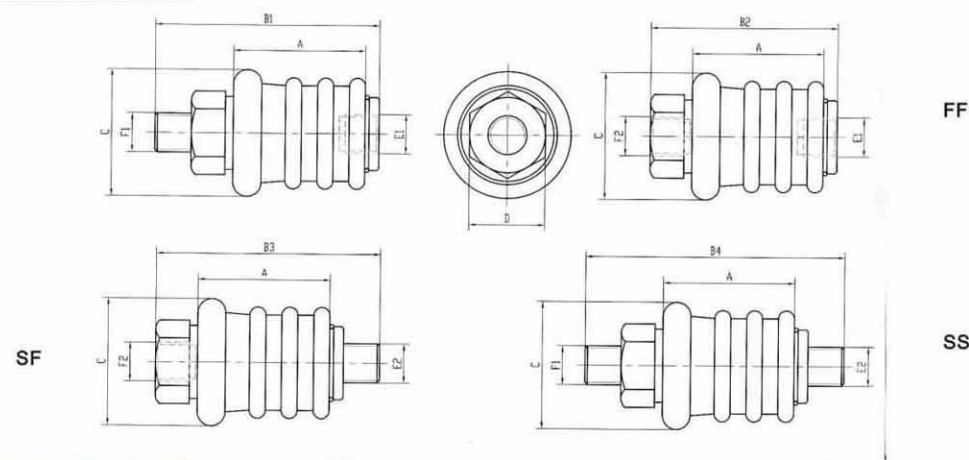
图形符号 / Graphic symbol



规格/Specification

Model	HSV06	HSV08	HSV10	HSV15	HSV20	HSV25
Working Medium	Air					
Port Size Code	06	08	10	15	20	25
Port Size	PT1/8	PT1/4	PT3/8	PT1/2	PT3/4	PT1
Effective Sectional Area	23mm ² (1.28)	40mm ² (2.2)	62mm ² (3.5)	140mm ² (7.8)	250mm ² (13.8)	392mm ² (21.78)
Working Pressure	0~10 Kg/cm ²					
Max. Proof Pressure	15.0 Kg/cm ²					
Working Temperature	-5~60°C					

外形尺寸/Overall Dimension



尺寸表/Dimension Sheet

型号/Model	A	B1	B2	B3	B4	C	D	E1	E2	F1	F2
HSV06	30	50	43	50	57	27.5	17	PT1/8	PT1/8	PT1/8	PT1/8
HSV08	32.5	58	47	58	69	30	19	PT1/4	PT1/4	PT1/4	PT1/4
HSV10	39	68.5	55.5	68.5	81.5	35.5	22	PT3/8	PT3/8	PT3/8	PT3/8
HSV15	50	85.5	70.5	85.5	100.5	44	30	PT1/2	PT1/2	PT1/2	PT1/2
HSV20	58	96.5	79.5	96.5	113.5	53.5	36	PT3/4	PT3/4	PT3/4	PT3/4
HSV25	70	114.5	96.5	114.5	132.5	65.5	44	PT1	PT1	PT1	PT1

KHSV Series Hand Slide Valve



订购代号 / Ordering Code

Model	Port Size
KHSV	01
KHSV: hand slide valve	01:G1/8"
	02:G1/4"
	03:G3/8"
	04:G1/2"

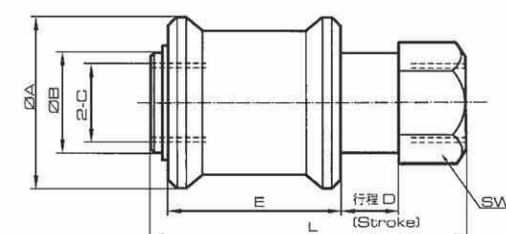
Feature

2/3 Hand sliding valve can be used as switch of Air source. While Air source is switched off, the remaining air in system can be released.

规格/Specification

Model	KHSV-01	KHSV-02	KHSV-03	KHSV-04
Port Size	G1/8"	G1/4"	G3/8"	G1/2"
Orifice Size	4mm	7mm	10mm	12mm
Working Medium	Filtered & Compressed Air			
Working Pressure	0~1.0MPa			
Ambient Temperature	5~60°C			
Operating Force	20N			

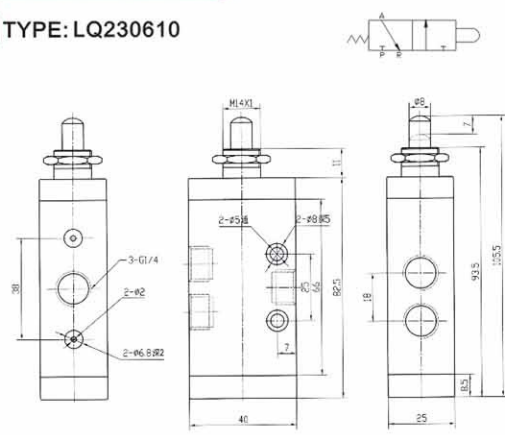
外形尺寸/Overall Dimension



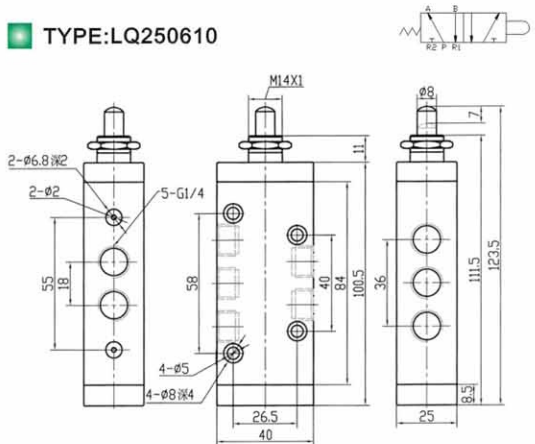
Model/Size	A	B	C	D	E	F	L
KHSV-01	25	13	G1/8	9	28	14	48
KHSV-02	30	18	G1/4	11	32	19	58
KHSV-03	35	21	G3/8	14	39	22	68
KHSV-04	40	26	G1/2	15	45	27	80

外形尺寸/Overall Dimension

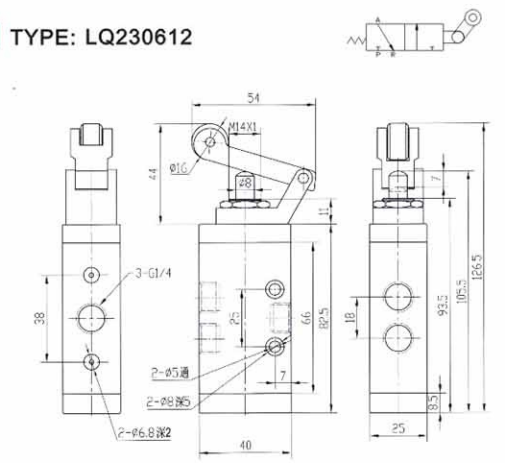
TYPE: LQ230610



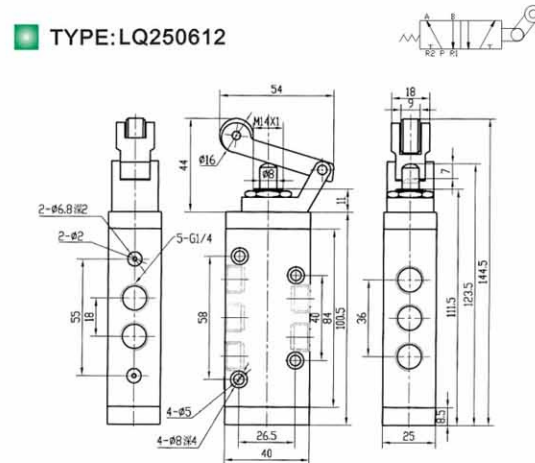
TYPE: LQ250610



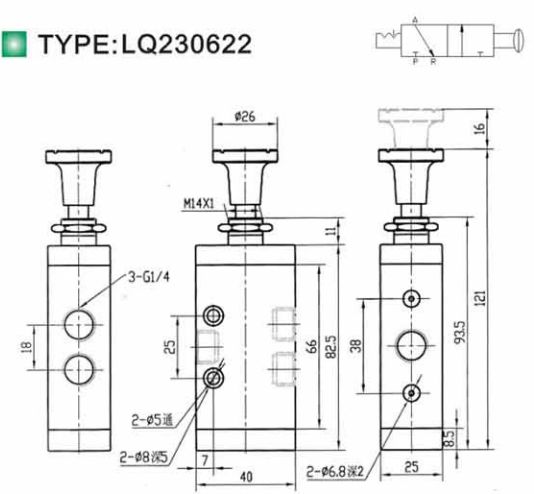
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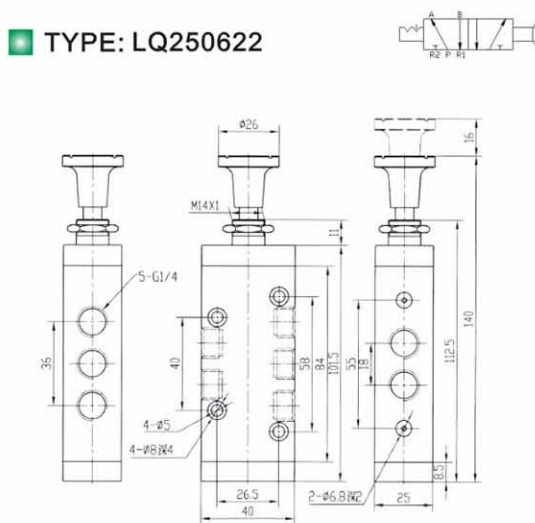
TYPE: LQ250612



TYPE: LQ230622



TYPE: LQ250622

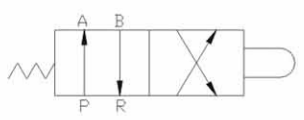


型号/Model

LQ240410

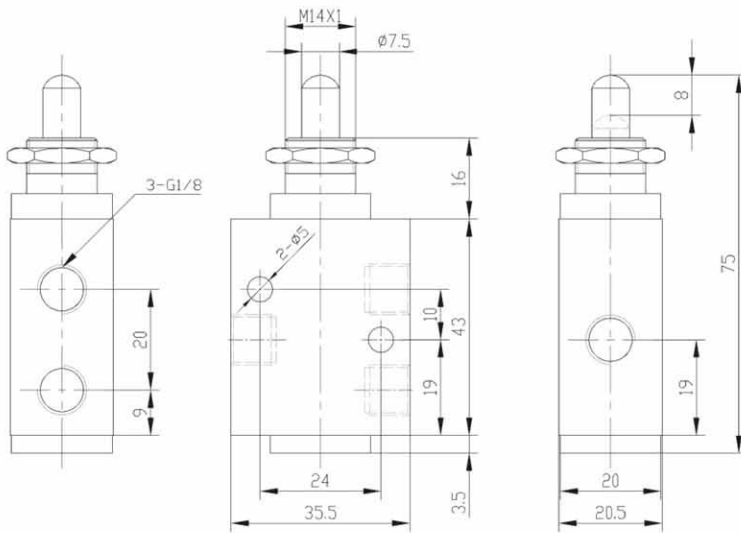
Working Medium	40 Micron Filtered Air
Valve Type	Two-Position Four-Way
Port Size	G1/8
Working Temperature	0~60℃
Orifice Size	14mm ² (Cv=0.78)
Working Pressure	0~0.8Mpa

图形符号 / Graphic symbol



外形尺寸/Overall Dimension

TYPE: LQ240410



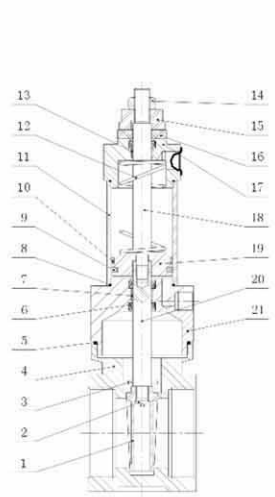
TYPE:QKGF-1½"、2"

Model	A	B	C	D	E	F	G	H	J	K	M	V	W
QKGF-1"	62	39	14	37	118	96	1/8"	39.5	11	37	1"	39	39
QKGF-1¼"	76	48	14	37	134	108	1/8"	45	11	45	1¼"	39	48
QKGF-1½"	83	54	18	-	162	131	1/8"	51.6	19	-	1½"	65	65
QKGF-2"	104	66	22	-	178	140	1/8"	51.6	19	-	2"	65	65

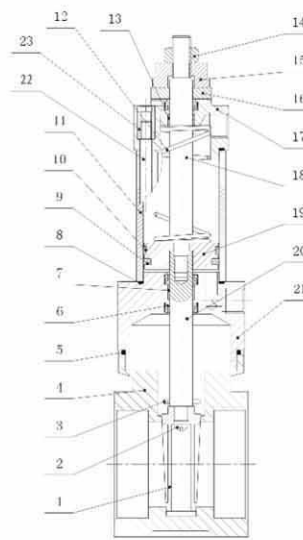
QKGF-Z Series Air Control Valve

Inner Construction

TYPE:QKGF-1/2"Z、1"Z

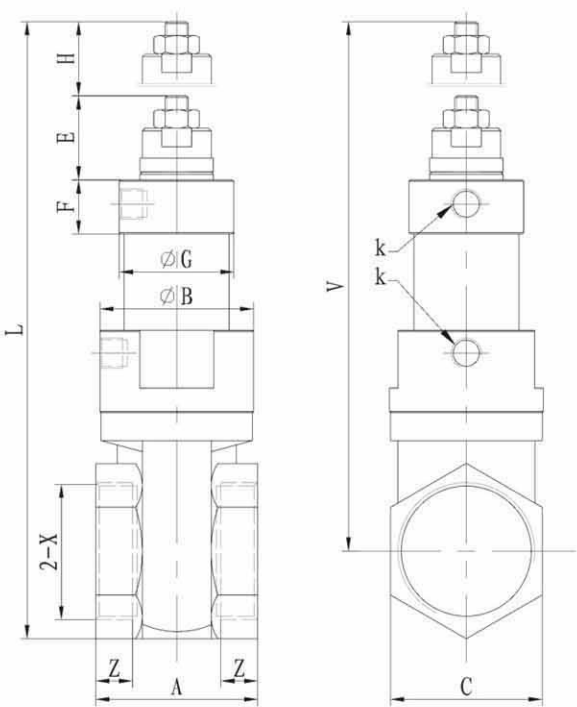


TYPE:QKGF-1 1/2"Z、2"Z、2 1/2"Z、3"Z



No.	Name
1	闸板/plate
2	标准螺钉/Bolt
3	开口销/Pin
4	阀体/Valve body
5	阀体O令/Valve body O-ring
6	Y型密封圈/Y-ring seal
7	含油轴承/Bearing
8	管壁O令/Tube O-ring
9	C型密封圈/C-ring seal
10	导向带/Wear ring
11	铝合金缸筒/Aluminium Cylinder tube
12	弹簧/Spring
13	含油轴承/Bearing
14	六角螺帽/Nut
15	调节螺帽/Adjust nut
16	缓冲垫/Buffer cushion
17	后盖/Head cover
18	后活塞杆/Back piston rod
19	活塞/Piston
20	前活塞杆/Front piston rod
21	前盖/Rod cover
22	拉杆/Tie rod
23	拉杆螺套/Tie rodnut

Overall Size



Specification

Model	QKGF-1/2"Z	QKGF-1" Z	QKGF-1 1/2" Z	QKGF-2" Z	QKGF-2 1/2" Z	QKGF-3" Z
Orifice Size	15	25	40	50	65	80
Port Size	Inlet=Outlet=G1/8"					
Control Medium	40 Micron Filtered Air					
Working Medium	Water, Oil, Air, Pulpy Liquid Medium etc.					
Ambien Temperature	-40~100℃					
Control-Pressure	0.25~0.8Mpa					
Working Pressure	0.1~1MPa					

Model	A	B	C	E	F	G	L	V	K	H	X	Z
QKGF- 1/2" Z	49	35	25	22	12	31	140	126	G1 8"	12	G1 2"	13
QKGF-1 " Z	55	39	38	24	13	34	179	157	G1 8"	21	G1 "	16
QKGF-1 1/2" Z	64	56	54	28	22	49	259	218	G1 8"	33	G1 2"	16
QKGF-2"Z	69	67	66	33	27	49	306	268	G1 4"	43	G2 "	18
QKGF-2 1/2"Z	88	82	84	35	31	62	366	318	G1 4"	54	G2 1 2"	20
QKGF-3 "Z	95	96	96	52	42.5	74	450	395	G3 8"	60	G3 "	22