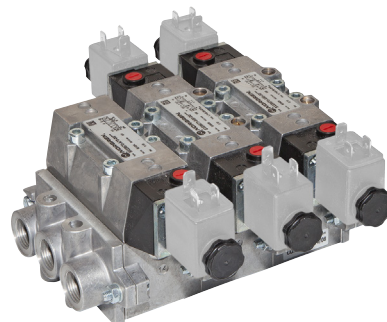




- > Sub-base mounted, ISO 5599-1 sizes 1, 2 or 3
- > Specially coated glandless spool and sleeve for long trouble-free life
- > Integral flow regulators available on ISO 1 and 2 sizes for cylinder speed control
- > Low power solenoids feature
- > Manual override as standard
- > Impulse actuated bistable valve with detent mechanism
- > Wide range of sub-bases and accessories



Technical features

Medium:

Compressed air, 40 µm filtered, lubricated or non-lubricated

Operation:

Glandless spool valve, solenoid pilot actuated

Mounting:

On sub-bases

Sizes:

ISO 1, 2 and 3

Maximum operating pressure:

10 bar (145 psi) solenoid pilot actuated valves

Details of minimum and maximum pilot pressure see overleaf

Ambient/Media temperature:

-15 ... +50°C (+5 ... +122°F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body: die-cast aluminium

Spool & sleeve: hard anodised aluminium with special PTFE coating

Seals: NBR

Locking plate: die-cast zinc or steel blue zinc coated

Screws: steel, blue zinc coated

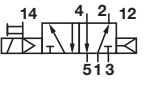
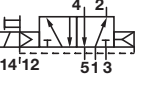
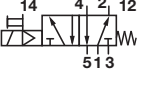
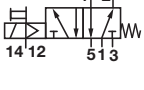
Plastic parts: POM

Flow regulators: brass

Electrical details for solenoid operators

Voltage tolerance	± 10%	
Rating	100% continuous duty	
Inlet orifice	1,0 mm	
Electrical connection (corresponding to choosen coil)	EN 175301-803 - Form A, 30 mm	
	Industrial Standard, 22 mm	
Solenoid coil	Four positions x 90°	
Manual override	Push and turn to lock (plastic)	# = 0
	Push only (plastic)	# = 1
Protection class	IP 65 (with sealed plug)	

5/2 Solenoid pilot actuated valves – 10 bar models

Symbol	ISO size	Flow regulator	Actuation	Pilot supply	Flow (l/min)	Operating pressure (bar)	Pilot pressure (bar)	Weight (kg)	Drawing No.	Model *1) End solenoid actuated valves
	1	—	Solenoid/air spring	Internal	1230	1 ... 10	—	0,33	1	SXE9573-170-0#K
	2	—	Solenoid/air spring	Internal	2450	1 ... 10	—	0,59	1	SXE9574-170-0#K
	3	—	Solenoid/air spring	Internal	4400	1 ... 10	—	0,85	1	SXE9575-170-0#K
	1	Built-in	Solenoid/air spring	Internal	1230	1 ... 10	—	0,33	1	SXE9573-180-0#K
	2	Built-in	Solenoid/air spring	Internal	2450	1 ... 10	—	0,59	1	SXE9574-180-0#K
	1	—	Solenoid/air spring	External *3)	1230	-0,9 ... 16	1 ... 10	0,33	1	SXE9573-175-0#K
	1	Built-in	Solenoid/air spring	External *3)	1230	-0,9 ... 16	1 ... 10	0,33	1	SXE9574-175-0#K
	2	—	Solenoid/air spring	External *3)	2450	-0,9 ... 16	1 ... 10	0,59	1	SXE9574-175-0#K
	3	—	Solenoid/air spring	External *3)	4400	-0,9 ... 16	1 ... 10	0,85	1	SXE9575-175-0#K
	2	Built-in	Solenoid/air spring	External *3)	2450	-0,9 ... 16	1 ... 10	0,59	1	SXE9574-185-0#K
	1	—	Solenoid/spring	Internal	1230	1,8 ... 10	—	0,33	1	SXE9573-171-0#K
	2	—	Solenoid/spring	Internal	2450	1,8 ... 10	—	0,59	1	SXE9574-171-0#K
	3	—	Solenoid/spring	Internal	4400	1,8 ... 10	—	0,85	1	SXE9575-171-0#K
	1	Built-in	Solenoid/spring	Internal	1230	1,8 ... 10	—	0,33	1	SXE9573-181-0#K
	2	Built-in	Solenoid/spring	Internal	2450	1,8 ... 10	—	0,59	1	SXE9574-181-0#K
	1	—	Solenoid/spring	External *3)	1230	-0,9 ... 16	1,8 ... 10	0,33	1	SXE9573-176-0#K
	2	—	Solenoid/spring	External *3)	2450	-0,9 ... 16	1,8 ... 10	0,59	1	SXE9574-176-0#K
	3	—	Solenoid/spring	External *3)	4400	-0,9 ... 16	1,8 ... 10	0,85	1	SXE9575-176-0#K
	1	Built-in	Solenoid/spring	External *3)	1230	-0,9 ... 16	1,8 ... 10	0,33	1	SXE9573-186-0#K
	2	Built-in	Solenoid/spring	External *3)	2450	-0,9 ... 16	1,8 ... 10	0,59	1	SXE9574-186-0#K
	1	—	Solenoid/solenoid	Internal	1230	2 ... 10	—	0,45	2	SXE0573-150-0#K
	2	—	Solenoid/solenoid	Internal	2450	2 ... 10	—	0,72	2	SXE0574-150-0#K
	3	—	Solenoid/solenoid	Internal	4400	2 ... 10	—	0,96	2	SXE0575-150-0#K
	1	Built-in	Solenoid/solenoid	Internal	1230	2 ... 10	—	0,45	2	SXE0573-160-0#K
	2	Built-in	Solenoid/solenoid	Internal	2450	2 ... 10	—	0,72	2	SXE0574-160-0#K
	1	—	Solenoid/solenoid	External *3)	1230	-0,9 ... 16	2 ... 10	0,45	2	SXE0573-155-0#K
	2	—	Solenoid/solenoid	External *3)	2450	-0,9 ... 16	2 ... 10	0,72	2	SXE0574-155-0#K
	3	—	Solenoid/solenoid	External *3)	4400	-0,9 ... 16	2 ... 10	0,96	2	SXE0575-155-0#K
	1	Built-in	Solenoid/solenoid	External *3)	1230	-0,9 ... 16	2 ... 10	0,45	2	SXE0573-165-0#K
	2	Built-in	Solenoid/solenoid	External *3)	2450	-0,9 ... 16	2 ... 10	0,72	2	SXE0574-165-0#K

Insert code for manual override: 0 = push and turn (standard), 1 = push only

*3) External pilot supply for ISO1 at port 14 only; ISO2 and ISO3 at port 12 or 14 (unconnected port 12 or 14 has to be plugged).

Solenoids - ordered separately

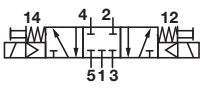
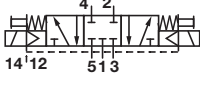
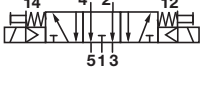
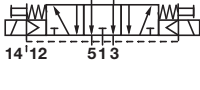
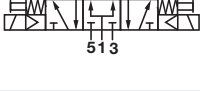
22 mm coil for connector interface acc. to industrial standard			
	Voltage	Power Inrush (Hold)	Model
	12 V d.c.	3,5 W	TM1042
	24 V d.c.	3,5 W	TM1002
	48 V d.c.	3,5 W	TM1005
	24 V 50/60 Hz	8,8/7,7 VA (7/6 VA)	TM1042
	36 V 50/60 Hz	8,8/7,7 VA (7/6 VA)	TM1043
	48 V 50/60 Hz	8,8/7,7 VA (7/6 VA)	TM1002
	110/120 V 50/60 Hz	8,8/7,7 VA (7/6 VA)	TM1047
	220/240 V 50/60 Hz	8,8/7,7 VA (7/6 VA)	TM1048

30 mm coil for connector interface acc. EN 175 301-803, form A			
	Voltage	Power Inrush (Hold)	Model
	12 V d.c.	4,5 W	TM1542
	12 V d.c.	2,0 W	TM1543
	24 V d.c.	2,0 W	TM1502
	48 V d.c.	2,0 W	TM1505
	24 V 50/60 Hz	6,6/5,5 VA (4/3 VA)	TM1542
	36 V 50/60 Hz	6,6/5,5 VA (4/3 VA)	TM1543
	48 V 50/60 Hz	6,6/5,5 VA (4/3 VA)	TM1502
	110/120 V 50/60 Hz	6,6/5,5 VA (4/3 VA)	TM1547
	220/240 V 50/60 Hz	6,6/5,5 VA (4/3 VA)	TM1548

Connector plugs - ordered separately

Industrial standard 22 mm 2-pole + PE	30 mm, EN 175301-803 (DIN 43650 B) Form A 2-pole + PE
	
0657868	0570275

5/3 Solenoid pilot actuated valves – 10 bar models

Symbol	ISO size	Flow regulator	Actuation	Function	Pilot supply	Flow (l/min)	Operating pressure (bar)	Pilot pressure (bar)	Weight (kg)	Drawing No.	Model *1) End solenoid actuated valves
	1	—	Solenoid/solenoid	APB	Internal	1320	2 ... 10	—	0,45	2	SXE9673-150-0#K
	2	—	Solenoid/solenoid	APB	Internal	2520	2 ... 10	—	0,72	2	SXE9674-150-0#K
	3	—	Solenoid/solenoid	APB	Internal	4650	2 ... 10	—	0,96	2	SXE9675-150-0#K
	1	Built-in	Solenoid/solenoid	APB	Internal	1320	2 ... 10	—	0,45	2	SXE9673-160-0#K
	2	Built-in	Solenoid/solenoid	APB	Internal	2520	2 ... 10	—	0,72	2	SXE9674-160-0#K
	3	Built-in	Solenoid/solenoid	APB	Internal	4650	2 ... 10	—	0,96	2	SXE9675-160-0#K
	1	—	Solenoid/solenoid	APB	External *3)	1320	-0,9 ... 16	2 ... 10	0,45	2	SXE9673-155-0#K
	2	—	Solenoid/solenoid	APB	External *3)	2520	-0,9 ... 16	2 ... 10	0,72	2	SXE9674-155-0#K
	3	—	Solenoid/solenoid	APB	External *3)	4650	-0,9 ... 16	2 ... 10	0,96	2	SXE9675-155-0#K
	1	Built-in	Solenoid/solenoid	APB	External *3)	1320	-0,9 ... 16	2 ... 10	0,45	2	SXE9673-165-0#K
	2	Built-in	Solenoid/solenoid	APB	External *3)	2520	-0,9 ... 16	2 ... 10	0,72	2	SXE9674-165-0#K
	3	Built-in	Solenoid/solenoid	APB	External *3)	4650	-0,9 ... 16	2 ... 10	0,96	2	SXE9675-165-0#K
	1	—	Solenoid/solenoid	COE	Internal	1320	2 ... 10	—	0,45	2	SXE9773-150-0#K
	2	—	Solenoid/solenoid	COE	Internal	2520	2 ... 10	—	0,72	2	SXE9774-150-0#K
	3	—	Solenoid/solenoid	COE	Internal	4650	2 ... 10	—	0,96	2	SXE9775-150-0#K
	1	Built-in	Solenoid/solenoid	COE	Internal	1320	2 ... 10	—	0,45	2	SXE9773-160-0#K
	2	Built-in	Solenoid/solenoid	COE	Internal	2520	2 ... 10	—	0,72	2	SXE9774-160-0#K
	3	Built-in	Solenoid/solenoid	COE	Internal	4650	2 ... 10	—	0,96	2	SXE9775-160-0#K
	1	—	Solenoid/solenoid	COE	External *3)	1320	-0,9 ... 16	2 ... 10	0,45	2	SXE9773-155-0#K
	2	—	Solenoid/solenoid	COE	External *3)	2520	-0,9 ... 16	2 ... 10	0,72	2	SXE9774-155-0#K
	3	—	Solenoid/solenoid	COE	External *3)	4650	-0,9 ... 16	2 ... 10	0,96	2	SXE9775-155-0#K
	1	Built-in	Solenoid/solenoid	COE	External *3)	1320	-0,9 ... 16	2 ... 10	0,45	2	SXE9773-165-0#K
	2	Built-in	Solenoid/solenoid	COE	External *3)	2520	-0,9 ... 16	2 ... 10	0,72	2	SXE9774-165-0#K
	3	Built-in	Solenoid/solenoid	COE	External *3)	4650	-0,9 ... 16	2 ... 10	0,96	2	SXE9775-165-0#K
	1	—	Solenoid/solenoid	COP	Internal	1320	2 ... 10	—	0,45	2	SXE9873-150-0#K
	2	—	Solenoid/solenoid	COP	Internal	2520	2 ... 10	—	0,72	2	SXE9874-150-0#K
	3	—	Solenoid/solenoid	COP	Internal	4650	2 ... 10	—	0,96	2	SXE9875-150-0#K
	1	Built-in	Solenoid/solenoid	COP	Internal	1320	2 ... 10	—	0,45	2	SXE9873-160-0#K
	2	Built-in	Solenoid/solenoid	COP	Internal	2520	2 ... 10	—	0,72	2	SXE9874-160-0#K
	3	Built-in	Solenoid/solenoid	COP	Internal	4650	2 ... 10	—	0,96	2	SXE9875-160-0#K
	1	—	Solenoid/solenoid	COP	External *3)	1320	-0,9 ... 16	2 ... 10	0,45	2	SXE9873-155-0#K
	2	—	Solenoid/solenoid	COP	External *3)	2520	-0,9 ... 16	2 ... 10	0,72	2	SXE9874-155-0#K
	3	—	Solenoid/solenoid	COP	External *3)	4650	-0,9 ... 16	2 ... 10	0,96	2	SXE9875-155-0#K
	1	Built-in	Solenoid/solenoid	COP	External *3)	1320	-0,9 ... 16	2 ... 10	0,45	2	SXE9873-165-0#K
	2	Built-in	Solenoid/solenoid	COP	External *3)	2520	-0,9 ... 16	2 ... 10	0,72	2	SXE9874-165-0#K
	3	Built-in	Solenoid/solenoid	COP	External *3)	4650	-0,9 ... 16	2 ... 10	0,96	2	SXE9875-165-0#K

Insert code for manual override: 0 = push and turn (standard), 1 = push only

*3) External pilot supply for ISO1 at port 14 only; ISO2 and ISO3 at port 12 or 14 (unconnected port 12 or 14 has to be plugged).

Valve function: APB = All Ports Blocked

COE = Centre Open Exhaust

COP = Centre Open Pressure

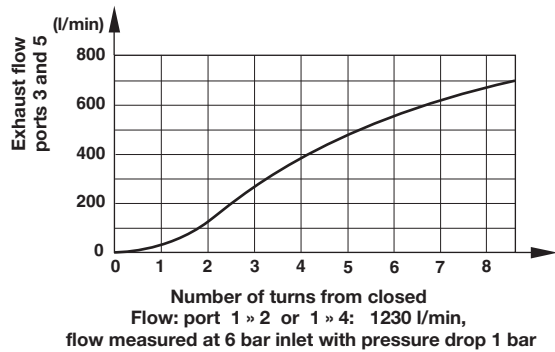
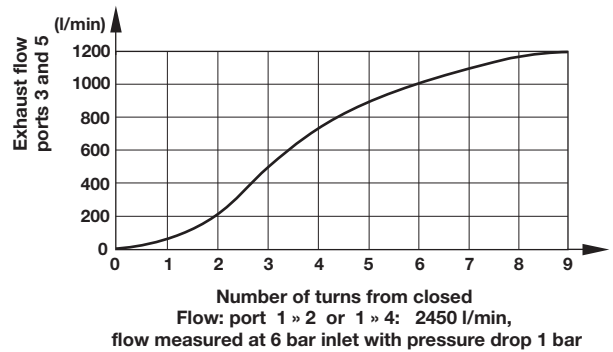
Option selector (solenoid
actuated valves)

SXE★★★7★-1★★-0★K

Valve function	Substitute
5/2 solenoid/solenoid, bistable valve	05
5/2 solenoid/spring, monostable valve	95
5/3 - APB	96
5/3 - COE	97
5/3 - COP	98
ISO size	Substitute
ISO 1	3
ISO 2	4
ISO 3	5

Manual override	Substitute
Push and turn to lock (standard)	0
Push only	1
Pilot supply	Substitute
Internal (double solenoid or single solenoid/air spring)	0
Internal (single solenoid valve, mechanical spring)	1
External (double solenoid or single solenoid/air spring)	5
External (single solenoid valve, mechanical spring)	6
Integrated flow control	Substitute
Without flow regulator (double solenoid)	5
With flow regulator (double solenoid)	6
Without flow regulator (solenoid & spring)	7
With flow regulator (solenoid & spring)	8

Exhaust flow characteristics for valves with integral flow regulators

ISO 1

ISO 2


Sub-bases, end plates and blanking disc - VDMA 24345 sub-base options

Single station sub-base, Form A side ported		Single station sub-base Form B bottom ported		Modular sub-base Form C		Form D End plates		Blanking disc for VDMA sub-bases *1)	
ISO size	Page 7	ISO G thread	NPT thread	Page 7	ISO G thread	NPT thread	Page 7	ISO G thread	NPT thread
1	M/P19126 (1/4)	C/P19126 (1/4)	M/P19125 (1/4)	CQM/22152/3/21	239-238B	CQM/22152/3/22	239-289B	FP 8382	239-251
2	M/P19132 (3/8)	C/P19132 (3/8)	M/P19131 (3/8)	CQM/22253/3/21	239-242B	CQM/22253/3/22	239-291B	FP 8482	239-252
3	M/P19138 (1/2)	C/P19138 (1/2)	M/P19137 (1/2)	CQM/22354/3/21	239-246B	CQM/22354/3/22	239-293B	FP 8582	239-253

Universal sub-base options for ISO G parallel threads only

Modular base with side, end and bottom ports open		Universal end plate, all ports blocked		Universal end plate, side ports open		Transition plate from ISO 1 » ISO 2		Blanking disk for ISO 1 and ISO 2	
ISO size	Page 9	Page 9	Page 9	Page 9	Page 9	Page 9	Page 9	Page 9	Page 9
1	CQM/22152/3/27 (G1/4)	CQM/22152/28 (G1/4)	CQM/22152/3/31 (G1/4)	CQM/22152/3/29	M/P43173				
2	CQM/22253/3/27 (G3/8)	CQM/22153/28 (G3/8)	CQM/22253/3/31 (G3/8)	CQM/22152/3/29	M/P43174				

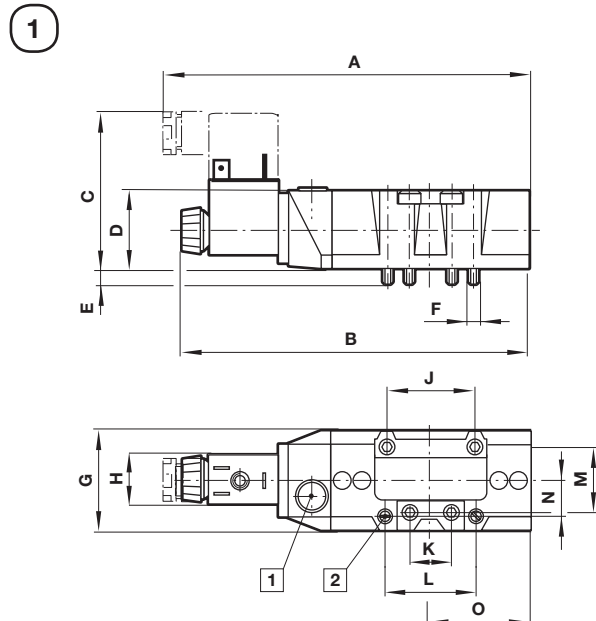
Accessories for ISO G parallel and NPT threads

Blanking plate for VDMA and universal sub-bases		Transition plate for VDMA sub-bases		Silencer		Sandwich plate with check valves		Flow regulator plate, ports 3 and 5 regulated	
ISO size	Page 8	Page 8	Page 8	Page 8	Page 12	Page 12	Page 12	Page 12	Page 12
1	CQM/22152/3/23	CQM/22152/3/24 (1 » 2)	0015510	FP7050	—				
2	CQM/22253/3/23	CQM/22253/3/24 (2 » 3)		—	—				
3	CQM/22354/3/23	FP8570 (1 » 3)		FP7070	CQM/22354/3/26				

Sandwich plates - ISO size 1

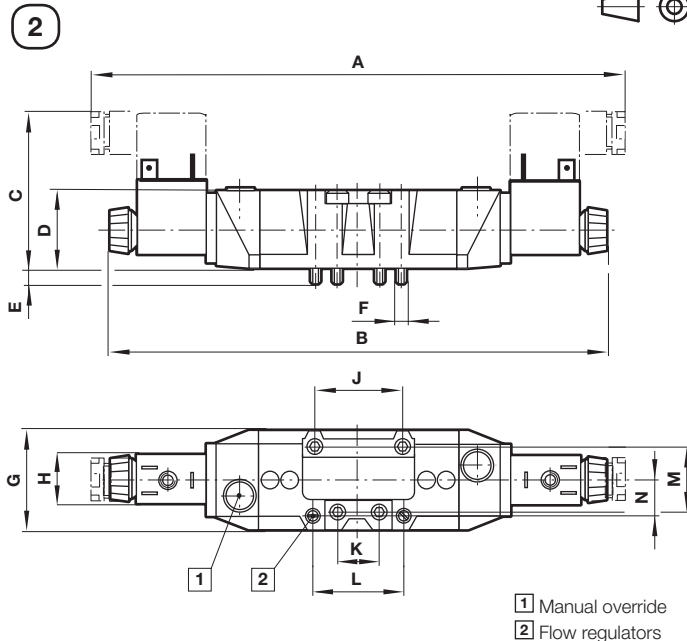
Single pressure regulator plate, port 1 regulated		Single pressure regulator plate, port 1 regulated		Single pressure regulator plate, port 2 regulated		Single pressure regulator plate, port 4 regulated		Double pressure regulator plate, port 2 & 4 regulated	
ISO size	Page 10	Page 10	Page 10	Page 10	Page 10	Page 10	Page 10	Page 11	Page 11
1	V71010-KB1 (Regulator on side 14)	V71011-KB1 (Regulator on side 12)	V71012-KB2	V71012-KB3	V71012-KB4				

SXE 957*-1 models
Single end solenoid pilot valves



SXE 057*-1 and SXE9*7*-1 models
Double end solenoid pilot valves

Dimensions in mm
Projection/First angle



ISO size	A	B	C	D	E	F	G	H	J
1	154	146	66	33	7,5	M5	42	22/30	36
2	181	173	71	42	8	M6	55	22/30	48
3	207,5	197	72	43	11,5	M8	62,5	22/30	64
ISO size	K	L	M	N	O	kg	Model		
1	18	38	28	15	42	0,33	SXE 9573-1...		
2	24	48	38	20	53	0,59	SXE 9574-1...		
3	32	—	48	—	65,5	0,85	SXE 9575-1...		

ISO size	A	B	C	D	E	F	G	H	J
1	228	208	66	33	7,5	M5	42	22/30	36
2	259	239	71	42	8	M6	55	22/30	48
3	284	263	72	43	11,5	M8	62,5	22/30	64
ISO size	K	L	M	N	kg	Model			
1	18	38	28	15	0,45	SXE 0573-1..., SXE 9.73-1...			
2	24	48	38	20	0,72	SXE 0574-1..., SXE 9.74-1...			
3	32	—	48	—	0,96	SXE 0575-1..., SXE 9.75-1...			

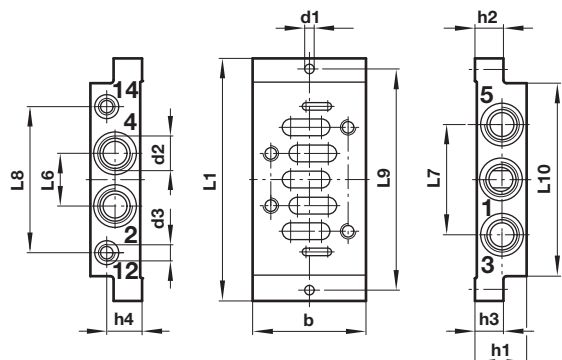
Sub-bases and end plates

Dimensions in mm
 Projection/First angle



VDMA 24345 sub-base options

Single station sub-base side ported (Form A) for ISO G and NPT threads



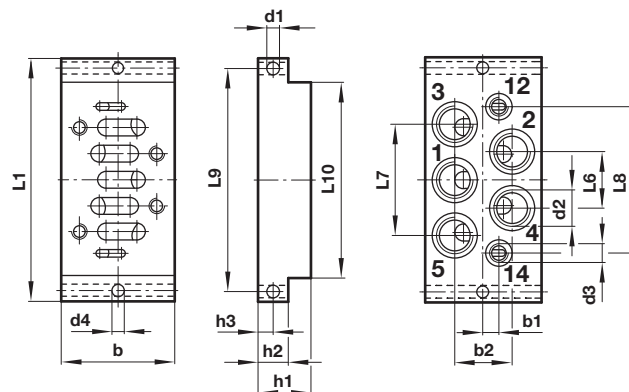
ISO size	b	d1	d2	d3	h1	h2	h3	Model
1	48	5,5	1/4"	1/8"	32	10	10,5 (21,5)	#/P19126
2	57	6,6	3/8"	1/8"	40	13	14 (26)	#/P19132
3	71	6,6	1/2"	1/8"	32	18	18	#/P19138

ISO size	h4	L1	L6	L7	L8	L9	L10	kg	Model
1	23,5	110	24	43	58	98	84	0,16	#/P19126
2	30	124	30	56	74	112	95	0,28	#/P19132
3	22	149	32	68	90	136	119	0,36	#/P19138

() Dimension for ports 3 and 5.

Insert 'M' for ISO G parallel or 'C' for NPT threads

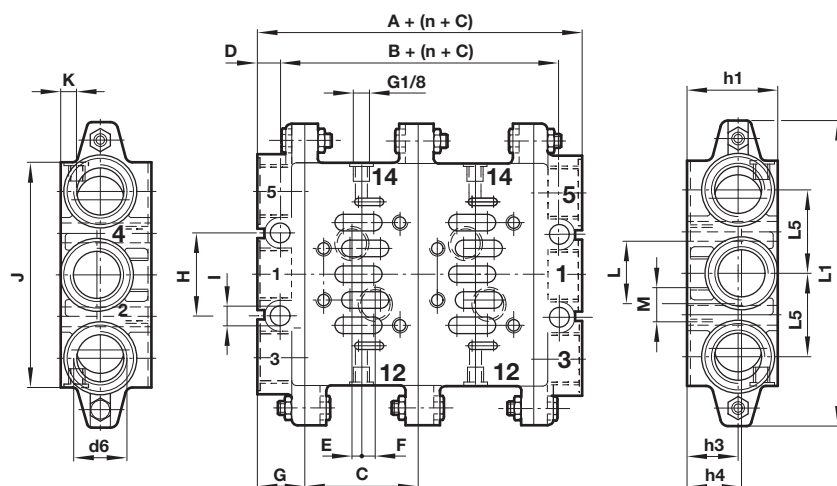
Single station sub-base bottom ported (Form B) for ISO G and NPT threads



ISO size	b	b1	b2	d1	d2	d3	d4	h1	Model
1	46	7	23	5,5	1/4"	1/8"	5,5	30	#/P19125
2	56	8	27	6,6	3/8"	1/8"	6,6	35	#/P19131
3	71	10	34	6,6	1/2"	1/8"	6,69	32	#/P19137

ISO size	h2	h3	L1	L6	L7	L8	L9	L10	kg	Model
1	10	5	110	23	46	62	98	84	0,19	#/P19125
2	13	6,5	124	28	56	73	112	95	0,32	#/P19131
3	18	9	149	34	68	90	136	119	0,40	#/P19137

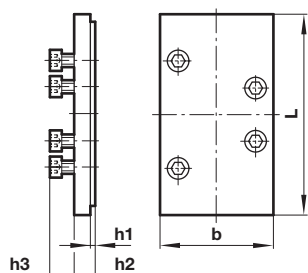
Modular sub-bases (Form C) and end plates (Form D) for ISO G and NPT threads



ISO size	A	B	C	D	E	F	G	H	I	kg	Model ISO G thread	Model NPT thread
1	44	22	43	11	1,5	7,5	22	28	7	0,24	CQM/22152/3/21	239-238B
2	52	26	56	13	5	6	26	35	9	0,36	CQM/22253/3/21	239-242B
3	60	30	71	15	6	8	30	52	12	0,72	CQM/22354/3/21	239-246B

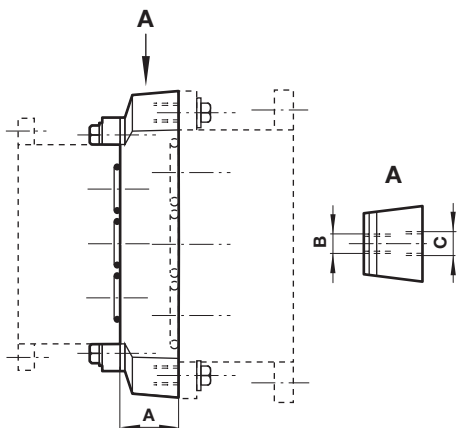
ISO size	J	K	L	M	h1	h3	h4	L1	L5	d6	kg	Model ISO G thread	Model NPT thread
1	85	8,5	26	G1/4	46	21	24	110	28	3/8"	0,22	CQM/22152/3/22	239-289B
2	100	9	30	G3/8	47	22	24	135	28	1/2"	0,34	CQM/22253/3/22	239-291B
3	140	10	38	G1/2	56	31	34	190	52	1"	0,66	CQM/22354/3/22	239-293B

**Blanking plate for VDMA &
universal sub-bases with ISO G and NPT threads**



ISO size	b	L	h1	h2	h3	kg	Model
1	42	80	2	14	11	0,05	CQM/22152/3/23
2	55	85	2,5	12,5	13,5	0,09	CQM/22253/3/23
3	70	106	2,5	12,5	15,5	0,26	CQM/22354/3/23

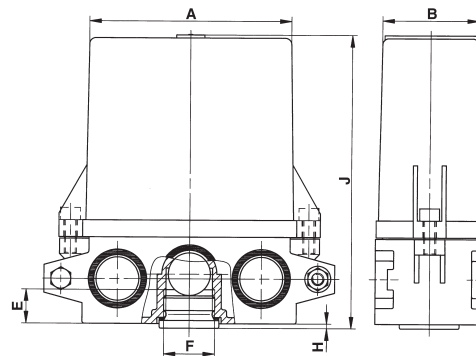
**Transition plate from ISO 1 » ISO 2, ISO 2 » ISO 3 and
ISO1 » ISO 3 for VDMA sub-bases for ISO G and
NPT threads**



ISO size	A	B	C	kg	Model
1 » 2	25	M5	M6	0,35	CQM/22152/3/24
2 » 3	40	M6	M8	0,65	CQM/22253/3/24
1 » 3	34	M5	M8	0,90	FP8570

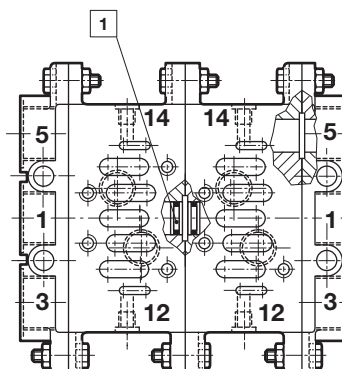
**Silencer for VDMA &
universal sub-bases with ISO G and
NPT threads**

Dimensions in mm
Projection/First angle



ISO size	A	B	E	F	H	J	Model
1	77	38	15	G3/8	2	122	0015510

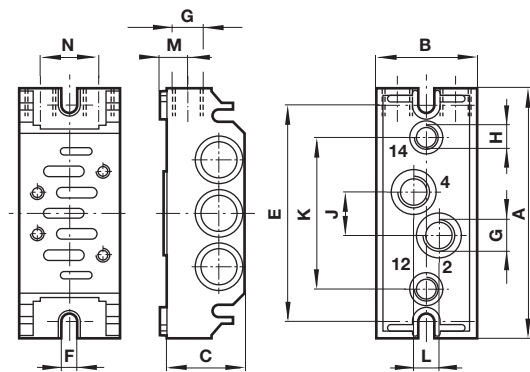
**Blanking disc
FP8382, FP8482 & FP8582 for ISO G thread
239-251, 239-252 & 239-253 for NPT thread**



1 Blanking disc; FP8*82 or 239-25*

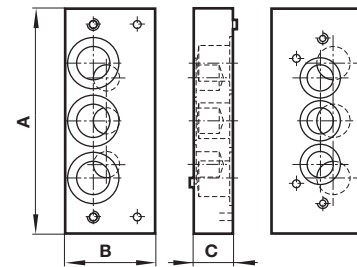
Universal sub-base options for ISO G threads only

Modular base with side, end and bottom ports open



ISO size	A	B	C	E	F	G	H	J	K	L	M	N	kg	Model
1	106	43	36	92	5,5	G1/4	G1/8	18	64	11	12	28	0,16	CQM/22152/3/27
2	120	56	43	102	6,5	G3/8	G1/8	24	68	19	15	38	0,35	CQM/22253/3/27

Transition plate from ISO 1 » ISO 2

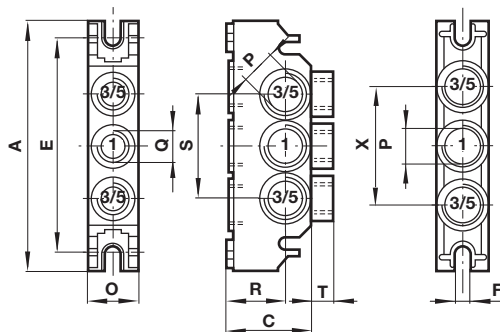


ISO size	A	B	C	kg	Model
1 » 2	114	46	20	0,23	CQM/22152/3/29

Dimensions in mm
Projection/First angle

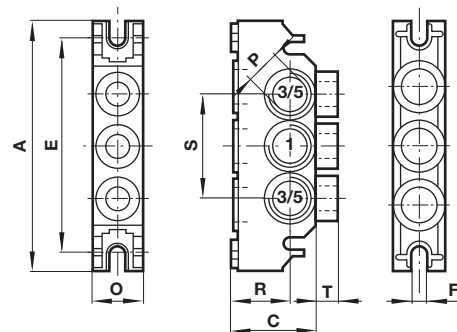


Universal end plate, all ports blocked



ISO size	A	C	E	F	O	P	Q	R	S	T	X	kg	Model
1	106	36	92	5,5	22	G3/8	G1/4	25	44	9	50	0,13	CQM/22152/3/28
2	120	46	102	6,5	29	G1/2	G1/4	31	58	7	58	0,23	CQM/22253/3/28

Universal end plate, side ports open



ISO size	A	C	E	F	O	P	R	S	T	kg	Model
1	106	36	92	5,5	22	G3/8	25	44	9	0,13	CQM/22152/3/31
2	120	46	102	6,5	29	G1/2	31	58	7	0,23	CQM/22253/3/31

Drill dimensions for opening ports

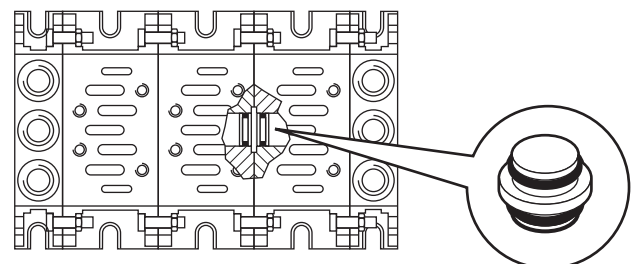
G1/4	Ø 8
G3/8	Ø 15
G1/2	Ø 15

Drill dimensions for opening ports

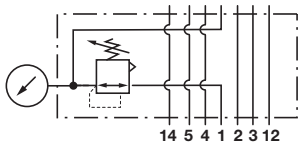
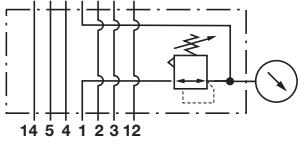
G1/4	Ø 8
G3/8	Ø 15
G1/2	Ø 15

Blanking disc for ISO 1 and ISO 2 universal sub-bases

ISO size	kg	Model
1	0,01	M/P43173
2	0,03	M/P43174



Sandwich single pressure regulator plate with pressure regulator on port 1

Symbol	ISO size	Regulator on side	Operation	Inlet pressure max. (bar)	Pressure range (bar)	Weight (kg)	Model
	1	14	Membrane pressure regulator with relieving valve	16	0,5 ... 12	0,6	V71010-KB1
	1	12	Membrane pressure regulator with relieving valve	16	0,5 ... 12	0,6	V71011-KB1

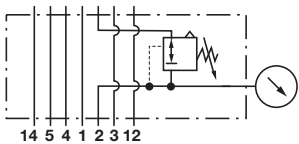
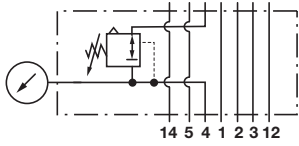
Application:

Pressure of port 1 can be regulated individually by using this intermediate plate.

Note:

Adjustment knob has push to lock feature.

Sandwich single pressure regulator plate with pressure regulator on port 2 or port 4

Symbol	ISO size	Regulated port	Operation	Inlet pressure max. (bar)	Pressure range (bar)	Weight (kg)	Model
	1	2	Membrane pressure regulator with relieving valve	16	0,5 ... 12	0,39	V71012-KB2
	1	4	Membrane pressure regulator with relieving valve	16	0,5 ... 12	0,39	V71012-KB3

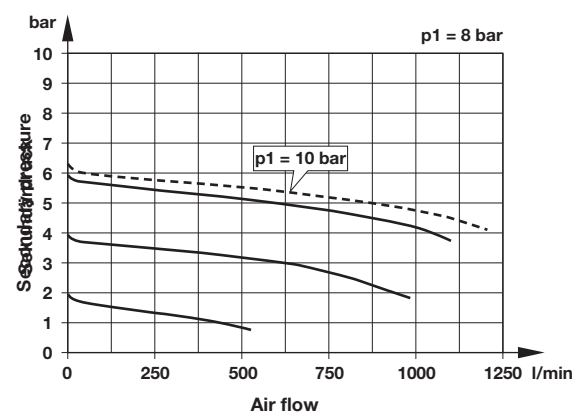
Application:

Pressure of port 2 and 4 can be regulated individually by using this intermediate plate.

Note:

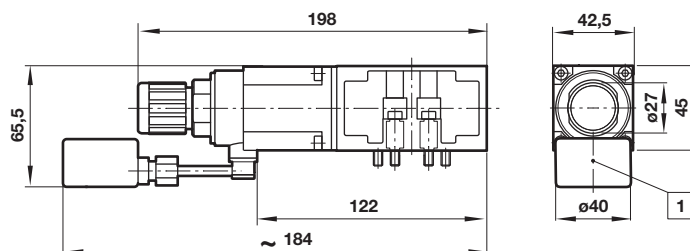
Adjustment knob has push to lock feature.

Flow characteristics (inlet pressure: 8 bar)



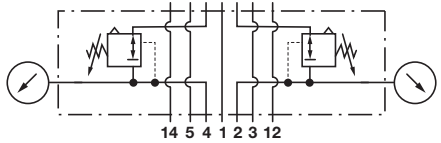
Dimensions

Dimensions in mm
Projection/First angle



1 Gauge

Sandwich double pressure regulator plate with double pressure regulator on port 2 and 4

Symbol	ISO size	Regulated port	Operation	Inlet pressure max. (bar)	Pressure range (bar)	Weight (kg)	Model
	1	2 and 4	Membrane pressure regulator with relieving valve	16	0,5 ... 12	0,39	V71012-KB4

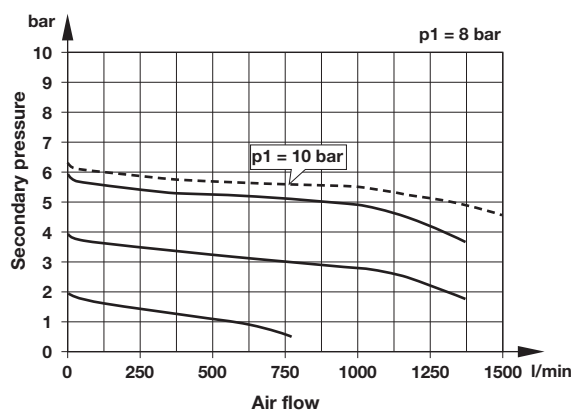
Application:

Pressure of ports 2 and 4 can be regulated individually by using one of the intermediate plates.

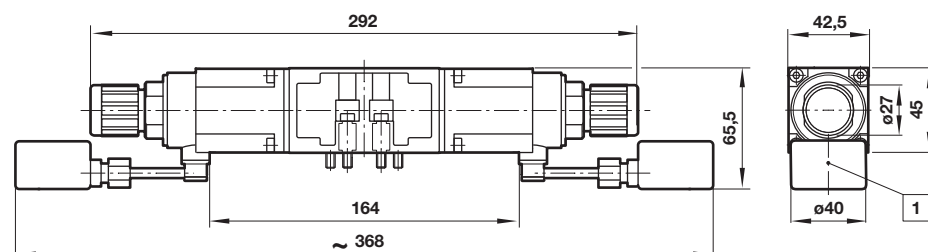
Note:

Adjustment knob has push to lock feature.

Flow characteristics (inlet pressure: 8 bar)



Dimensions

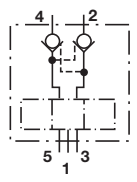


Dimensions in mm
Projection/First angle



1 Gauge

Sandwich plate with check valves

Symbol	ISO size	Design	Flow (l/min)	Operating pressure (bar)	Weight (kg)	Model
	1	Poppet valves	500	3 ... 8	0,45	FP7050
	3	Poppet valves	3400	3 ... 8	2,05	FP7070

Application:

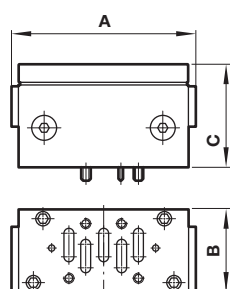
With this type of intermediate plate together with a 5/3-way valve, center position open, a piston movement can be stopped in any desired position. This position will kept during a long period.

Note:

Metal to metal sealed spool and sleeve valves have always a small amount of leak because of its design. Therefore 5/3-way valves, center position closed, are only applicable for short stops.

Caution: Not suitable for safety applications!

Dimensions

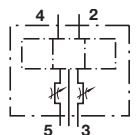


ISO	A	B	C	Model
1	96	42	52	FP7050
3	165	62	95	FP7070

Dimensions in mm
Projection/First angle



Flow regulator plate

Symbol	ISO size	Regulated port	Operation	Inlet pressure max. (bar)	Weight (kg)	Model
	3	3 and 5	Piston regulator	-0,9 ... 16	0,86	CQM/22354/3/26

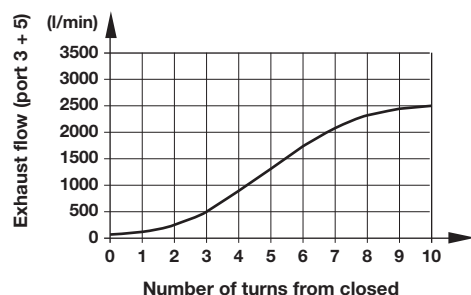
Application:

Regulation of exhaust ports 3 and 5 allows easy cylinder speed control.

Note:

The regulator screw can be locked with the lock nut.

Flow characteristics (inlet pressure: 8 bar)

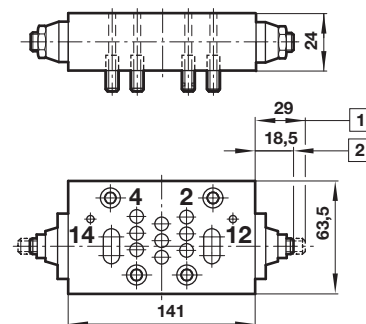


Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, IMI International s.r.o.

Dimensions



- 1 Fully open
- 2 Fully closed

Dimensions in mm
Projection/First angle



Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.