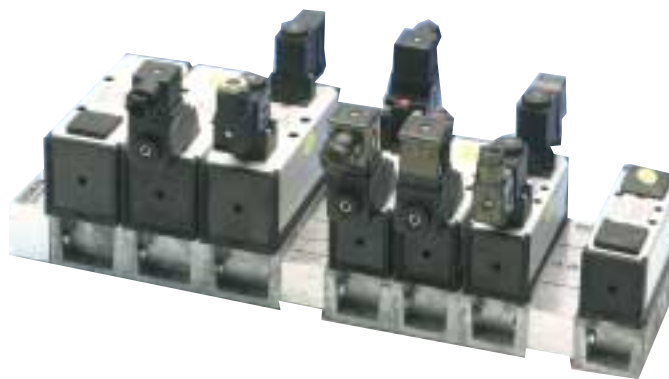




General characteristics :

Standard subbase :	ISO 5599-1 and NFE 49-080
Permissible fluid :	Air or inert gas, filtered 40 µ (classe 5 according to ISO 8573-1), lubricated or non-lubricated
Piloting pressure :	2 to 12 bar (2 to 10 bar with 15 mm solenoid)
Operating pressure :	-0,9 to 12 bar (for pressure under 2 bar, external pilot supply has to be connected)
Supply from exhaust :	Possible
Flow (Qmax) :	DX1 = 1680 NI/mn - DX2 = 4320 NI/mn - DX3 = 6540 NI/mn
Working temperatures :	-10 to + 60°C (dry air)
Storage temperatures :	-20 to + 80°C (-20 to + 70°C with 15 mm solenoids)
Mechanical life :	> 100 millions operations (dry air filtered 40 µ, 2 Hz, 6 bar, 20°C)
Actuation type :	Pneumatically or electrically with CNOMO 06-05-10 solenoids 30 mm or 22 mm or with 15 mm solenoid valve interface CNOMO E06.36120N.

Material specification :

Valve member - seat :	Self lubricating acetal - ceramic
Body :	Polyamide reinforced fibreglass
Casing - End plates :	Anodised aluminium - Painted zinc plated steel
Valve plate :	Zamak
Seals :	Nitrile
Springs :	Stainless steel
Screws :	Zinc plated steel
Function selector : Top cover - Seal :	Polyamide reinforced fiberglass - Polyester

Ordering key

Execution	Size	Pilot	Manual override	Voltage	Connector
Standard	1 Size 1 (ISO 5599)	4 Pneumatic	0 Without any	B 12 V AC	Without any
D Anti-corrosion	2 Size 2 (ISO 5599)	6 Electro-pneumatic	1 Flush non locking	C 24 V AC	C Standard connector
	3 Size 3 (ISO 5599)		3 Flush locking	D 48 V AC	S Connector with LED and protection
				J 110 V AC	S3 Connector with LED and protection - 3 m cable
				A 230 V AC	S5 Connector with LED and protection - 5 m cable
				L 12 V DC	
				M 24 V DC	
				N 48 V DC	

DX		1	—	6	21	—	76	1	M	S
----	--	---	---	---	----	---	----	---	---	---

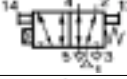
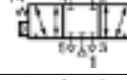
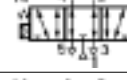
Function	pneumatic or electro-pneumatic				
	pneumatic		electro-pneumatic		
	int. supply	ext. supply	int. supply 12	ext. supply 12	int. supply 12
	ext. supply 14	ext. supply 14	ext. supply 14	ext. supply 14	ext. supply 14
5/2 bistable	06	08	07	31	33
5/2 bistable, 14 prioritised	56	58			
5/2 monostable, spring return	21	22			
5/2 monostable, differential return	51	53	52		
5/3 pressure vented centre	11	12	10		
5/3 pressure closed centre	16	18	17		
5/3 pressurised centre	13	24	15		

Electrical operator, auxiliary manual pilot	
electrical operator	aux. manual. pilot
60 Without any	No
61 EV 310	
66 EV 30 - 6,5 W	
67 EV 30 - 3 W	
6A 15 mm solenoid, individual plate, pin up	Yes
6B 15 mm solenoid, individual plate, pin up (high flow)	
70 Without any	
71 EV 310	
76 EV 30 - 6,5 W	
77 EV 30 - 3 W	
7A 15 mm solenoid, individual plate, pin up	
7B 15 mm solenoid, individual plate, pin up (high flow)	

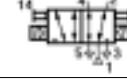
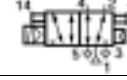
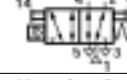
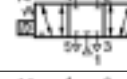
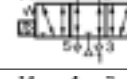
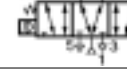
 = product available on special request

Order codes

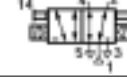
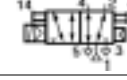
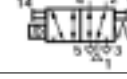
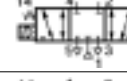
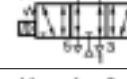
Pneumatically actuated valves

Symbol	Function	ISO 5599-1 size	Order code	Weight kg
	5/2 Bistable	1	DX1-406-70	0,35
		2	DX2-406-70	0,60
		3	DX3-406-70	1,10
	5/2 Monostable differential	1	DX1-451-70	0,35
		2	DX2-451-70	0,60
		3	DX3-451-70	1,10
	5/2 Monostable spring	1	DX1-421-70	0,35
		2	DX2-421-70	0,60
		3	DX3-421-70	1,10
	5/3 closed centre	1	DX1-416-70	0,35
		2	DX2-416-70	0,60
		3	DX3-416-70	1,10
	5/3 vented centre	1	DX1-411-70	0,35
		2	DX2-411-70	0,60
		3	DX3-411-70	1,10
	5/3 pressurised centre	1	DX1-413-70	0,35
		2	DX2-413-70	0,60

Electrically actuated valves for CNOMO 06-05-10 solenoid supplied without solenoid - Refer to page 15 to select solenoid

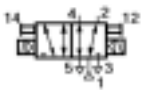
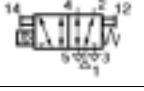
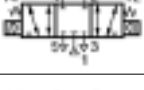
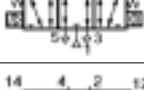
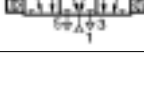
	Bistable	1	DX1-606-70	0,35
		2	DX2-606-70	0,60
		3	DX3-606-70	1,10
	5/2 Monostable differential	1	DX1-651-70	0,35
		2	DX2-651-70	0,60
		3	DX3-651-70	1,10
	5/2 Monostable spring	1	DX1-621-70	0,35
		2	DX2-621-70	0,60
		3	DX3-621-70	1,10
	5/3 closed centre	1	DX1-616-70	0,65
		2	DX2-616-70	0,60
		3	DX3-616-70	1,10
	5/3 vented centre	1	DX1-611-70	0,35
		2	DX2-611-70	0,60
		3	DX3-611-70	1,10
	5/3 pressurised centre	1	DX1-613-70	0,35
		2	DX2-613-70	0,60

Electrically actuated valves for 15 mm solenoid supplied without solenoid - Refer to page 15 to select solenoid

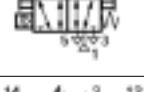
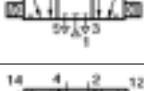
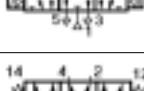
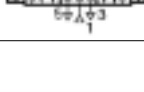
	Bistable	1	DX1-606-7B	0,37
		2	DX2-606-7B	0,60
		3	DX3-606-7B	1,10
	5/2 Monostable differential	1	DX1-651-7B	0,36
		2	DX2-651-7B	0,60
		3	DX3-651-7B	1,10
	5/2 Monostable spring	1	DX1-621-7B	0,36
		2	DX2-621-7B	0,60
		3	DX3-621-7B	1,10
	5/3 closed centre	1	DX1-616-7B	0,37
		2	DX2-616-7B	0,60
		3	DX3-616-7B	1,10
	5/3 vented centre	1	DX1-611-7B	0,37
		2	DX2-611-7B	0,60
		3	DX3-611-7B	1,10
	5/3 pressurised centre	1	DX1-613-7B	0,37
		2	DX2-613-7B	0,60

Order codes

Electrically actuated valves with CNOMO 06-05-10 30 mm solenoid 24 V DC (supplied without cable plug) ;

Symbol	Function	ISO 5599-1 size	Order code	Weight kg
	Bistable	1	DX1-606-761M	0,65
		2	DX2-606-761M	0,90
		3	DX3-606-761M	1,40
	5/2 Monostable differential	1	DX1-651-761M	0,50
		2	DX2-651-761M	0,75
		3	DX3-651-761M	1,25
	5/2 Monostable spring	1	DX1-621-761M	0,50
		2	DX2-621-761M	0,75
		3	DX3-621-761M	1,25
	5/3 closed centre	1	DX1-616-761M	0,35
		2	DX2-616-761M	0,90
		3	DX3-616-761M	1,40
	5/3 vented centre	1	DX1-611-761M	0,65
		2	DX2-611-761M	0,90
		3	DX3-611-761M	1,40
	5/3 pressurised centre	1	DX1-613-761M	0,65
		2	DX2-613-761M	0,90

Electrically actuated valves with 15 mm solenoid 24 V DC (supplied without cable plug) ;

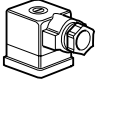
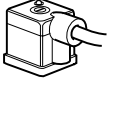
Symbol	Function	ISO 5599-1 size	Order code	Weight kg
	Bistable	1	DX1-606-7B1M	0,45
		2	DX2-606-7B1M	0,70
		3	DX3-606-7B1M	1,20
	5/2 Monostable differential	1	DX1-651-7B1M	0,41
		2	DX2-651-7B1M	0,65
		3	DX3-651-7B1M	1,15
	Monostable spring	1	DX1-621-7B1M	0,41
		2	DX2-621-7B1M	0,65
		3	DX3-621-7B1M	1,15
	5/3 closed centre	1	DX1-616-7B1M	0,45
		2	DX2-616-7B1M	0,70
		3	DX3-616-7B1M	1,20
	5/3 vented centre	1	DX1-611-7B1M	0,45
		2	DX2-611-7B1M	0,70
		3	DX3-611-7B1M	1,20
	5/3 pressurised centre	1	DX1-613-7B1M	0,45
		2	DX2-613-7B1M	0,70

Note : all valves proposed in this page are supplied with non-locking manual override on the solenoids ; to obtain the same valves with locking manual override change the last digits of the order coder from 1M to 3M.

Solenoids

	Voltage	Weight kg	Order code Without manual override	Order code Manual override non locking	Order code Manual override locking
EV30-4.5 W DC, 5 VA AC solenoids with CNOMO 06-05-10 interface and for cable plug DIN 43650 form A (supplied without cable plug)					
	24 V DC	0,17	EV30M0100	EV30M1100	EV30M3100
	24 V AC	0,17	EV30C0100	EV30C1100	EV30C3100
	110 V AC	0,17	EV30J0100	EV30J1100	EV30J3100
	230 V DC	0,17	EV30A0100	EV30A1100	EV30A3100
EV30-2.5 W DC, 3 VA AC solenoids with CNOMO 06-05-10 interface and for cable plug DIN 43650 form A (supplied without cable plug)					
	24 V DC	0,17	EV30M0200	EV30M1200	EV30M3200
	24 V AC	0,17	EV30C0200	EV30C1200	EV30C3200
	110 V AC	0,17	EV30J0200	EV30J1200	EV30J3200
	230 V AC	0,17	EV30A0200	EV30A1200	EV30A3200
EV310-2.5 W DC, 4.5 VA AC solenoids with CNOMO 06-05-10 interface and for cable plug DIN 43650 form B (supplied without cable plug)					
	24 V DC	0,17	EV0M310	1EV1M310	EV3M310
	24 V AC	0,17	EV0C310	1EV1C310	EV3C310
	110 V AC	0,17	EV0J310	1EV1J310	EV3J310
	230 V AC	0,17	EV0A310	1EV1A310	EV3A310
15 mm High-flow solenoids 1.8 W DC, 2.4 VA AC for cable plug DIN 43650 form C (supplied without cable plug)					
	24 V DC	0,17	P2E- HV32C0	P2E-HV32C1	P2E-HV32C2
	24 V AC	0,17	P2E-HV31C0	P2E-HV31C1	P2E-HV31C2
	48 V DC	0,17	P2E-HV32D0	P2E-HV32D1	P2E-HV32D2
	115/120 V AC	0,17	P2E-HV31F0	P2E-HV31F1	P2E-HV31F2

Cable plugs

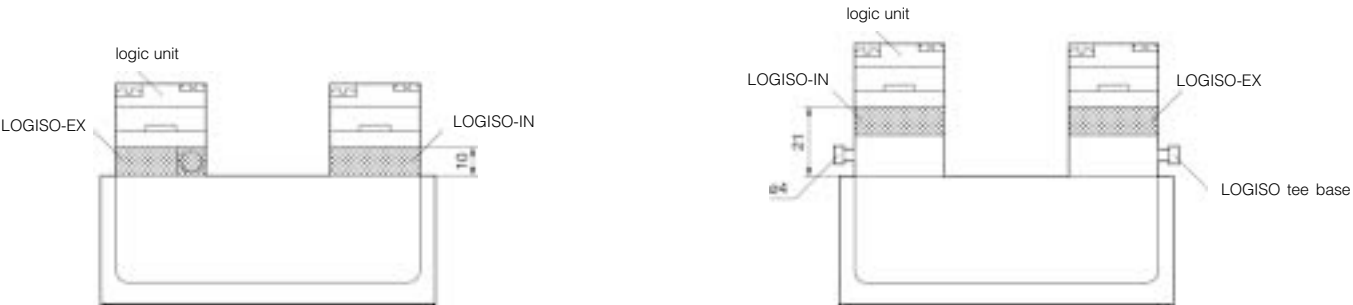
	Description	Order code DIN 43650 form A (for EV30)	Order code DIN 43650 form B (for EV310)	Order code DIN 43650 form C (for 15 mm solenoid)
	- Standard (without flying lead)	3EV290V10	3EV10V10	P8C-D
	- With LED and protection 24 V AC/DC	3EV290V20-24	3EV10V20-24	P8C-D26C
	- With LED and protection 110 V AC	3EV290V20-110	3EV10V20-110	P8C-D21E
	- With LED and protection 230 V AC	3EV290V20-230	3EV10V20-230	-
	- With 5 m flying lead cable LED and protection 24 V AC/DC	3EV290V20-24L5	3EV10V20-24L5	P8L-C526C
	- With 5 m cable - LED and protection 110 V AC	3EV290V20-110L5	3EV10V20-110L5	P8L-C521E
	- With 5 m cable - LED and protection 230 V AC	3EV290V20-230L5	3EV10V20-230L5	-

LOGISO interfaces

Logiso interfaces allow direct mounting of logic elements on Isomax valves sizes 1 to 3 ; it allows to create simple solution on creating complex valve pilot function :
low pressure or high pressure signal, delayed pilot signal, or control of alternating movement, etc....

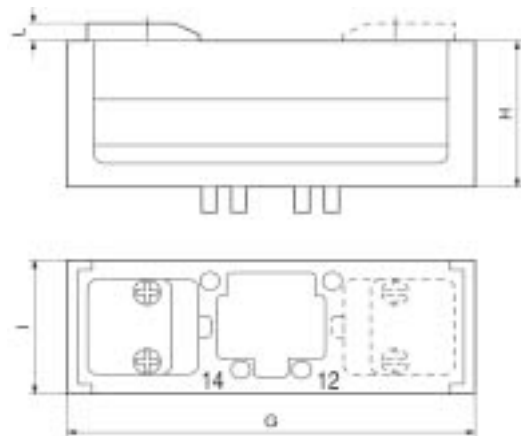


Symbol in association with Isomax valve	Function	Order code	Weight kg
	Port 1 (input signal 1 for logic element) is connected to pilot port 12 or 14 valves subbase. Port 2 (input signal 2 for logic element) is connected to the internal air supply of the valve.	38DX70	0,05
	Port 1 (input signal 1 for logic element) is connected to pilot port 12 or 14 valves subbase. Port 2 (input signal 2)for logic element is connected to the external Ø 4 mm push-in fitting.	34DX70	0,25
	Port 1 (input signal 1 for logic element) is connected to pilot port 12 or 14 valves subbase. Port 2 (input signal 2)for logic element is connected to the external Ø 4 mm push-in fitting.	33DX70	0,05

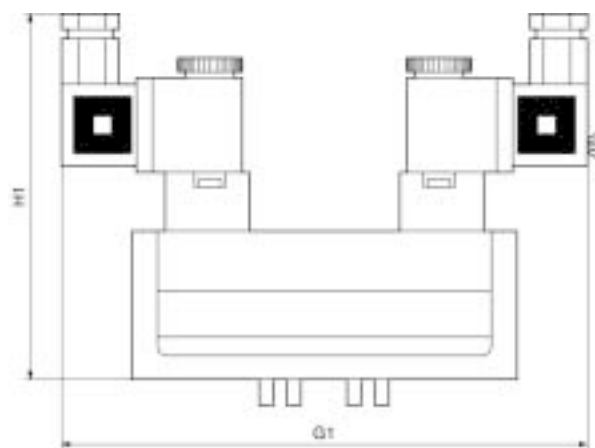


Dimensions

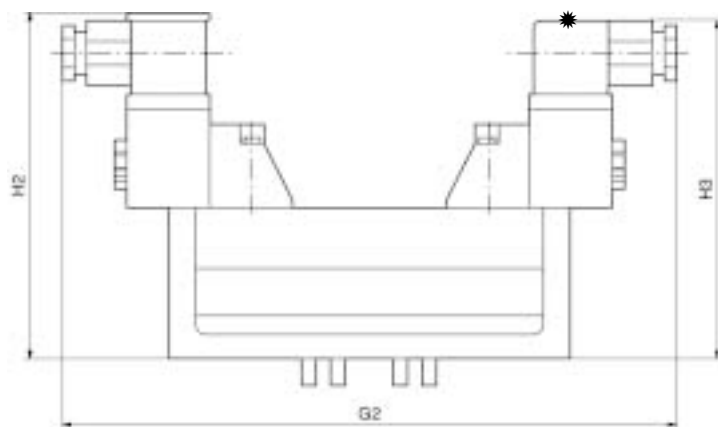
Pneumatically actuated



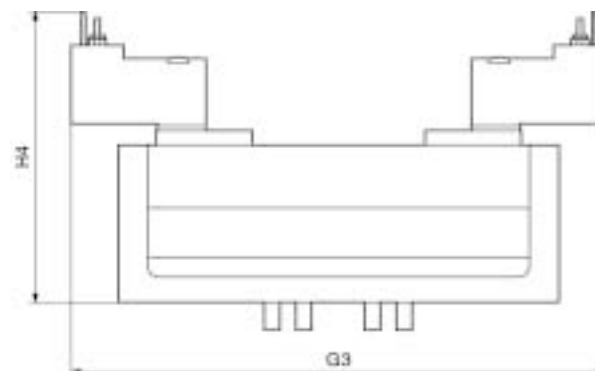
With EV30 solenoids



With EV310 solenoids



With 15 mm solenoids



	G	G1	G2	G3	H	H1	H2	H3	H4	I	L
DX1	120	164	202,5	160	47	115	112,5	119	79	42	5
DX2	140	179,5	218	175,5	58,5	126,5	126,5	130	90,5	54	5
DX3	170	198	235,5	194	71	139	139	142,5	103	68	5



General characteristics :

Standard subbase :	ISO 5599-1 and NFE 49-080
Permissible fluid :	Air or inert gas, filtered 40 µ (classe 5 according to ISO 8573-1), lubricated or non-lubricated
Piloting pressure :	2 to 10 bar
Operating pressure :	-0,9 to 10 bar (for pressure under 2 bar, external pilot supply has to be connected)
Supply from exhaust :	Possible
Flow (Qmax) :	DX1 = 1680 Nl/mn - DX2 = 4320 Nl/mn - DX3 = 6540 Nl/mn
Working temperatures :	-10 to + 60°C (dry air)
Storage temperatures :	-20 to + 70°C
Mechanical life :	> 100 millions operations (dry air filtered 40 µ, 2 Hz, 6 bar, 20°C)
Actuation type :	Electrically
Voltage :	24 V DC
Electrical connections :	Central M12 connector (according to norm E03.62.520N) with 4 pins Pin 1 : free Pin 2 : +24 V DC side 12 Pin 3 : 0 V common Pin 4 : + 24 V DC side 14
Dust and water protection :	IP 65 (according to EN 60529)
Pilot power consumption :	1,8 W per pilot
Solenoid actuation indication :	By green LED
Manual override :	Locking or non locking on the solenoids (version without manual override on request)

Material specification :

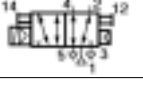
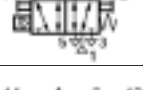
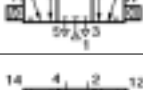
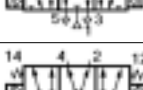
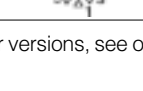
Valve member - seat :	Self lubricating acetal - ceramic
Body :	Polyamide reinforced fibreglass
Casing - End plates :	Anodised aluminium - Painted zinc plated steel
Valve plate :	Zamak
Seals :	Nitrile
Springs :	Stainless steel
Screws :	Zinc plated steel
Function selector : Top cover - Seal :	Polyamide reinforced fibreglass - Polyester

Ordering key

Execution		Size		Pilot		Manual override		Voltage		Connector	
D	Standard	1	Size 1 (ISO 5599)	6	Electro-pneumatic	0	Without any	M	24 V DC	A	M12 connector (5° oriented, 12 side)
	Anti-corrosion	2	Size 2 (ISO 5599)			1	Flush non locking			B	M12 connector (22,5° oriented, 14 side)
		3	Size 3 (ISO 5599)			3	Flush locking				
						2	Flush non locking (extended 15 mm)				
						5	Flush locking (extended, 15 mm)				
DX 1 — 6 21 — 96 1 M B											
Electrical operator, auxiliary manual pilot on spool											
		electro-pneumatic				electrical operator			aux. manual. pilot		
Function		int. supply	ext. supply by 12 and 14	ext. supply by 14	int. supply 12 ext. supply 14	96	15 mm solenoid 1,8 W (high flow)			No	
5/2 bistable		06	08	61	07						
5/2 bistable, 14 prioritised		56	58	62							
5/2 monostable, spring return		21	22								
5/2 monostable, differential return		51	53	63	52						
5/3 pressure vented centre		11	12	64	10						
5/3 pressure closed centre		16	18	65	17						
5/3 pressurised centre		13	14	66	15						
= product available on special request											

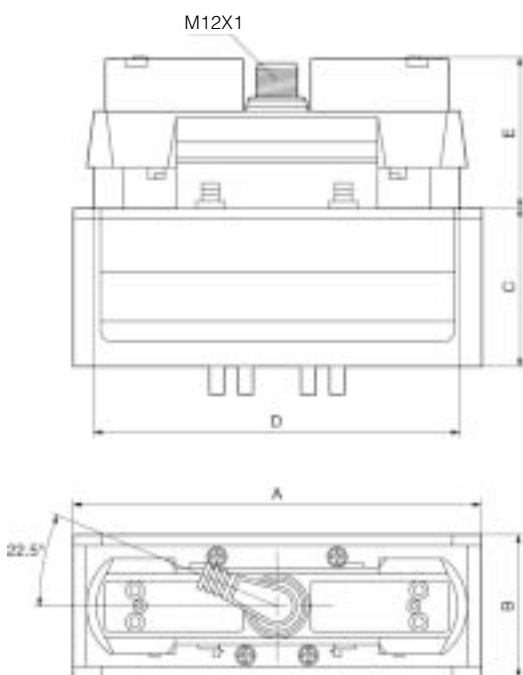
Order codes

Manual override non-locking ; internal pilot supply

Symbol	Function	ISO 5599-1 Size	Order code with M12 5° oriented side 12	Weight kg	Order code with M12 22,5° oriented side 14	Weight kg
	Bistable	1	DX1-606-961MA	0,50	DX1-606-961MB	0,50
		2	DX2-606-961MA	0,74	DX2-606-961MB	0,74
		3	DX3-606-961MA	1,30	DX3-606-961MB	1,30
	5/2 Monostable differential	1	DX1-651-961MA	0,47	DX1-651-961MB	0,47
		2	DX2-651-961MA	0,70	DX2-651-961MB	0,70
		3	DX3-651-961MA	1,25	DX3-651-961MB	1,25
	5/2 Monostable spring	1	DX1-621-961MA	0,47	DX1-621-961MB	0,47
		2	DX2-621-961MA	0,70	DX2-621-961MB	0,70
		3	DX3-621-961MA	1,25	DX3-621-961MB	1,25
	5/3 closed centre	1	DX1-616-961MA	0,50	DX1-616-961MB	0,50
		2	DX2-616-961MA	0,74	DX2-616-961MB	0,74
		3	DX3-616-961MA	1,30	DX3-616-961MB	1,30
	5/3 vented centre	1	DX1-611-961MA	0,50	DX1-611-961MB	0,50
		2	DX2-611-961MA	0,74	DX2-611-961MB	0,74
		3	DX3-611-961MA	1,30	DX3-611-961MB	1,30
	5/3 pressurised centre	1	DX1-613-961MA	0,50	DX1-613-961MB	0,50
		2	DX2-613-961MA	0,74	DX2-613-961MB	0,74

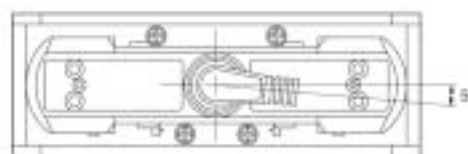
Note : for all other versions, see ordering key page 18

Dimensions



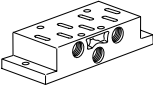
	A	B	C	D	E *
DX1	120	42	47	108	44
DX2	140	54	58,5	114	44
DX3	170	68	71	132	44

* For version with external pilot supply common by 14, add 6 mm.

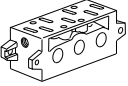
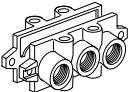
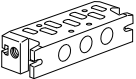
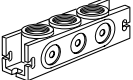
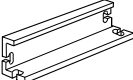
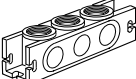
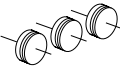
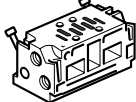
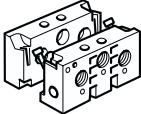
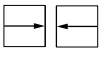


Manifolds and subbases

Single subbases

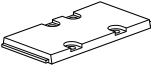
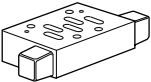
		Description	Order code	Weight kg	Port size
		Subbase with side ports according to VDMA			
		Size 1	P2N-VS512SD	0,16	G1/4
		Size 2	P2N-WS513S	0,28	G3/8
		Size 3	P2N-YS514SD	0,35	G1/2
		Subbase with side ports			
		Size 1	PL1-1/4-70	0,16	G1/4
		Size 2	PL2-3/8-70	0,28	G3/8
		Size 3	P2N-JS516SD	0,57	G3/4
		Subbase with bottom ports			
		Size 1	PD1-1/4-70	0,37	G1/4
		Size 2	PD2-3/8-70	0,59	G3/8
		Size 3	PD3-1/2-70	0,90	G1/2

Manifolds

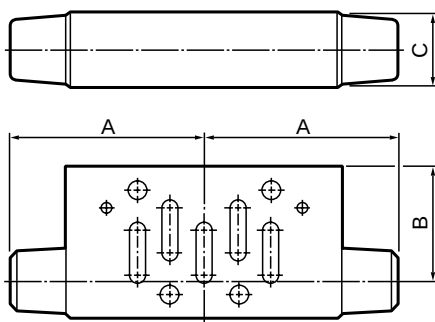
		Description	Order code	Weight kg	Port size
		Manifold with bottom ports according to VDMA			
		Size 1	P2N-VM512MB	0,24	G1/4
		Size 2	P2N-WM513MB	0,36	G3/8
		Size 3	P2N-YM514MB	0,70	G1/2
		End plate kit for above bottom ported manifold according to VDMA			
		Size 1	P2N-VM513E	0,21	G3/8
		Size 2	P2N-WM514ES	0,36	G1/2
		Size 3	P2N-YM518ES	0,68	G1
		Manifold with bottom ports low profile			
		Size 1	P2N-AM512MB	0,20	G1/4
		Top or bottom ported connecting block for above manifold "low profile"			
		Size 1	P2N-AM513GT	0,15	G3/8
		End piece for above manifold "low profile"			
		Size 1	P2N-AM500J	0,06	
		Top or bottom ported intermediate supply for above manifold "low profile"			
		Size 1	P2N-AM513BT	0,14	G3/8
		Isolating seal for above manifold "low profile"			
		Size 1	P2N-AK0P	0,07	
		Manifold with side port			
		Size 1	P2N-EM512MD	0,24	G1/4
		Size 2	P2N-FM513MD	0,36	G3/8
		Side ported connecting kit for above manifold with side ports			
		Size 1	P2N-EM513ES	0,21	G3/8
		Size 2	P2N-FM514ES	0,29	G1/2

Manifolds and subbases accessories

Order codes

	Description	Order code	Weight kg
	Blanking plate		
	Size 1	P2N-AA5B	0,10
	Size 2	P2N-BA5B	0,15
	Size 3	P2N-CA5B	0,20
	Sandwich flow control interface function plate (for exhaust flow control - adjustment by hex. Key)		
	Size 1	P2N-GA5F	0,22
	Size 2	P2N-HA5F	0,35
	Size 3	P2N-JA5F	0,86

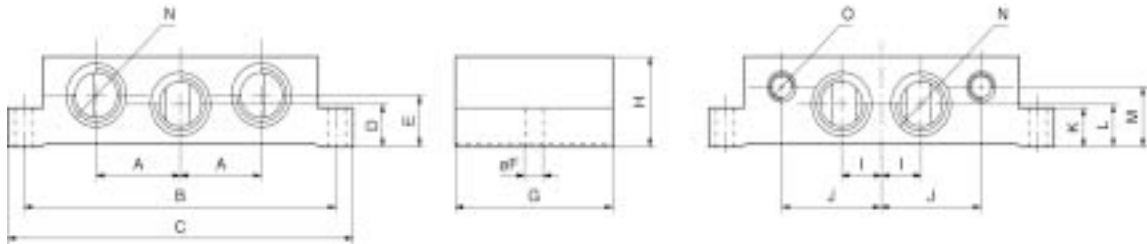
Dimensions



	ISO size	A	B	C	D
P2N-GA5F	1	51	30	20	89
P2N-HA5F	2	67	25	26	108
P2N-JA5F	3	89	33,5	33	122

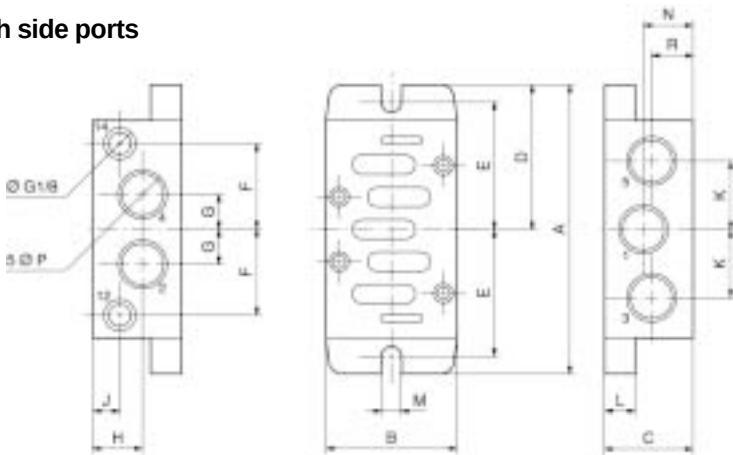
Dimensions

Single subbase with side ports according to VDMA



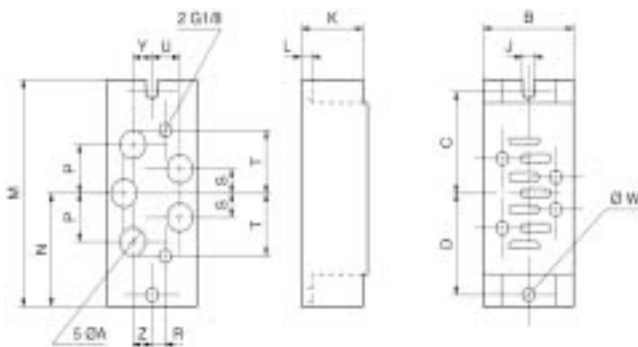
Order code	ISO Size	Port Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
P2N-VS512SD	1	G1/4	21,5	98	110	11	20	5,5	48	32	12	29	10	11	23	G1/4	G1/8
P2N-WS513S	2	G3/8	28	112	124	14	26	6,6	56	40	15	37	13	14	30	G3/8	G1/8
P2N-YS514SD	3	G1/2	34	136	149	17	17	6,6	71	32	16	45	18	17	22	G1/2	G1/8

Single subbase with side ports



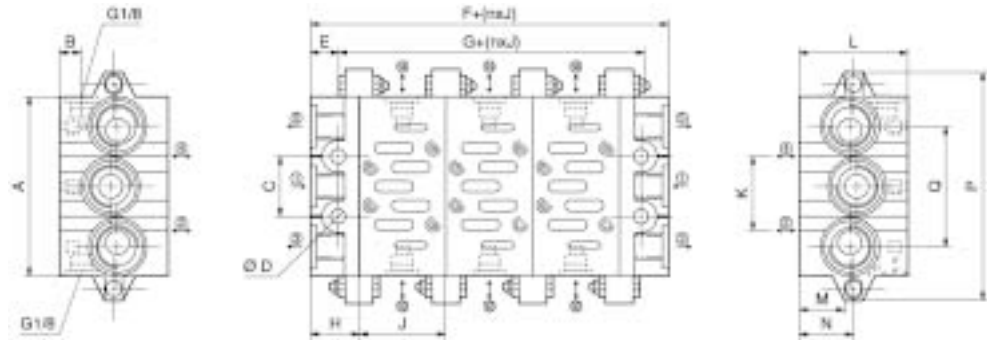
Order code	ISO Size	ØP	A	B	C	D	E	F	G	H	J	K	L	M	N	R
PL1-1/4-70	1	G1/4	110	46	29	55	49	30	11	17,75	17,75	22	6	5,5	17,75	17,75
PL2-3/8-70	2	G3/8	124	56	37	62	55	37	14,5	22,5	14	28	6	5,5	22,5	14,5
P2N-JS516SD	3	G3/4	149	71	60	74,5	68	45	21	33	10	40	18	6,6	37,5	22,5

Single subbase with bottom ports



Order code	A	B	C	D	J	K	L	M	N	P	R	S	T	U	W	Y	Z
PD1-1/4-70	G1/4	46	49	49	5,5	29	6	110	55	22	10	11	30	10	5,5	10	10
PD2-3/8-70	G3/8	56	55	55	5,5	37	6	124	62	29	10	14,5	37	12,5	5,5	12,5	12,5
PD3-1/2-70	G1/2	77	68	68	6,6	32	18	149	74,5	34	10	17	45	17	6,5	17	17

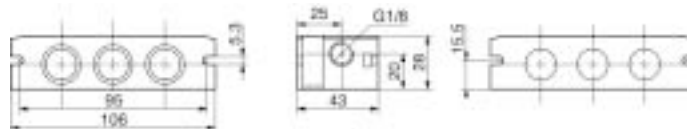
Manifold and end plates according to VDMA (P2N-VM / WM / YM)



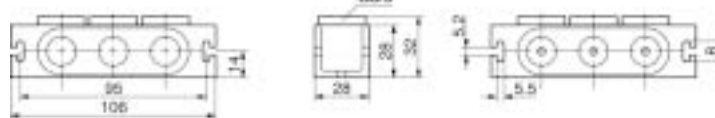
ISO Size	Port 1, 3, 5	Port 2, 4	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P
1	G3/8	G1/4	85	8,5	28	7	11	44	22	22	43	26	46	21	24	56	110
2	G1/2	G3/8	100	9	35	9	13	52	26	26	56	30	47	22	24	68	135
3	G1	G1/2	140	10	52	12	15	60	30	30	71	38	56	31	34	104	190

Manifold and end plates with bottom ports "low profile" (P2N-AM..)

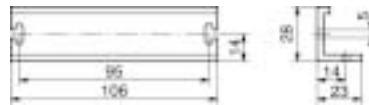
Manifold P2N-AM512MB



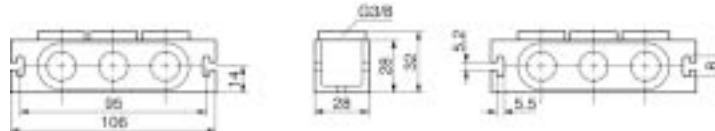
Connecting block P2N-AM513GT



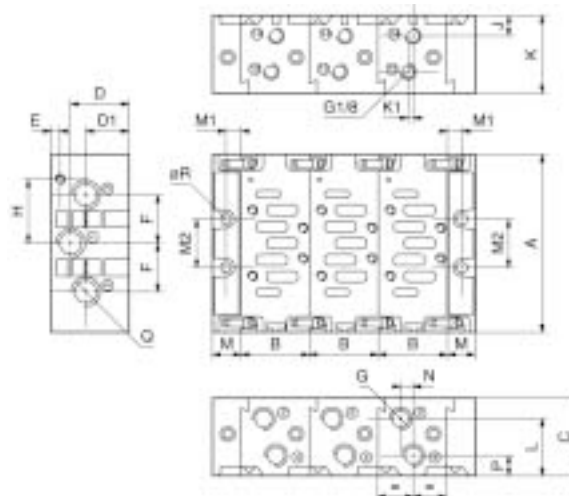
End piece P2N-AM500J



Intermediate supply P2N-AM513BT



Manifold and end plates with side ports (P2N-EM / FM..)



Order code	A	B	C	D	D1	E	F	G	H	J	K	K1	L	M	M1	M2	N	P	Q	R
P2N-EM ...	110	43	48	35,5	26,5	5,5	28	G1/4	36	15,5	35	3	32	20	11	28	12	12,5	G3/8	6
P2N-FM ...	129	56	60	44,5	35,5	6	34,5	G3/8	45	16	41,5	3	41	24	13	35	12,5	16	G1/2	8