

The large flow valves and solenoid poppet valves for compressed air and vacuum are manufactured for 3/2 and 2/2 versions only, either normally close and normally open.

For the compressed air oparation, the application is similar to the equivalent spool valves while for the vacuum operation a particular attention should be paid to the valve selected and its connection to the pump. For the electric pilot it is used a normal miniature solenoid M2 with pneumatic actuator and the special miniature solenoid M2/V with vacuum.

The ordering code are referring to the solenoid valves with mechanics "M2" or "M2/V" assembled (see Series 300). (Coil are not included and have to be ordered separately).

Coil **c 71** us homologated are available (see 300 Series).

Construction characteristics

	G 3/8"	G 1/2" - G 3/4"	G 1"	G 1 1/2"		
Body	Aluminium	Zinc alloy	Aluminium	Aluminium		
Bottom plates		Alumir	nium			
Actuators	NBR					
Pistons	Aluminium					
Actuators rod		Stainless	s steel			
Spring	Stainless steel					
Piston seals		NBI	R			

Use and maintenance

These valves have a mean life of 10 to 15 million cycles under normal operating conditions.

Lubrication is not required for good operation but we recommend good filtration to avoid dirty deposit causing malfunction.

Check that the operating conditions: pressure, temperature and so on are as suggested.

The exhaust port of the distributor has to be protected in a dusty and dirty environment.

For these products, according to the construction technique and special application, is not required any maintenance with parts replacement. When necessary it is sufficient to clean the internal parts.

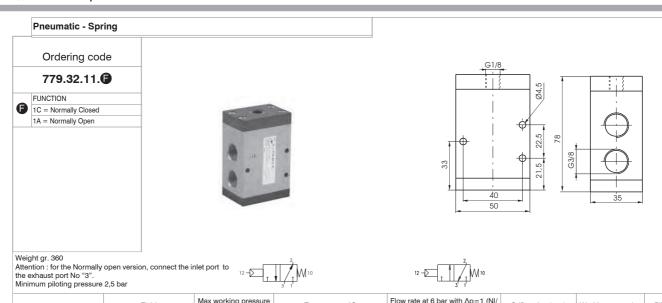
When it is used the solenoid valves with internal pilot, either for air or vacuum, inlet flow rate must be equal or higher that the required consumption flow rate, otherwise is better choose the external pilot version.

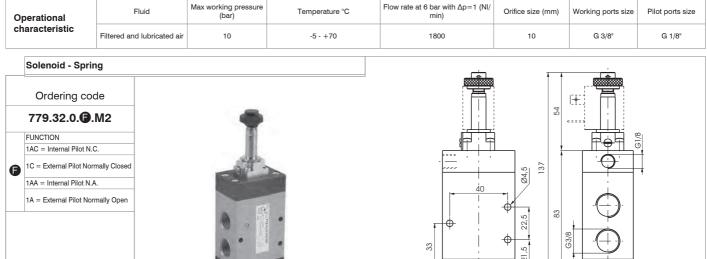
NORMALLY OPEN INTERNAL PILOT

Vacuum valves connections

NORMALLY CLOSED INTERNAL PILOT



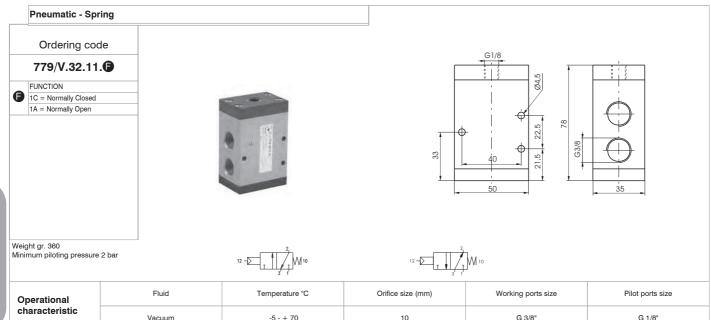


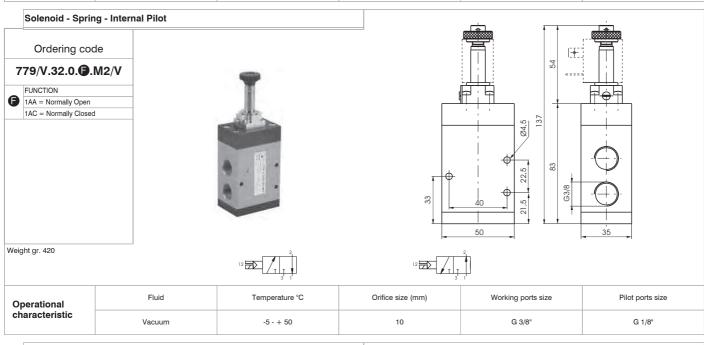


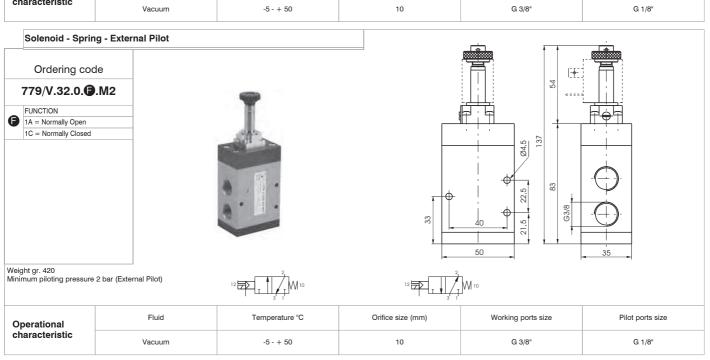
Operational	Fluid	(bar)	Temperature °C	min)	Orifice size (mm)	Working ports size	Pilot ports size	
characteristic	Filtered and lubricated air	10	-5 - +50	1800	10	G 3/8"	G 1/8"	

50







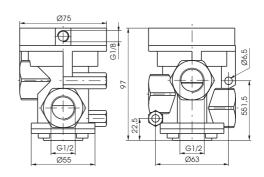




Ordering code

772.32.11.1C

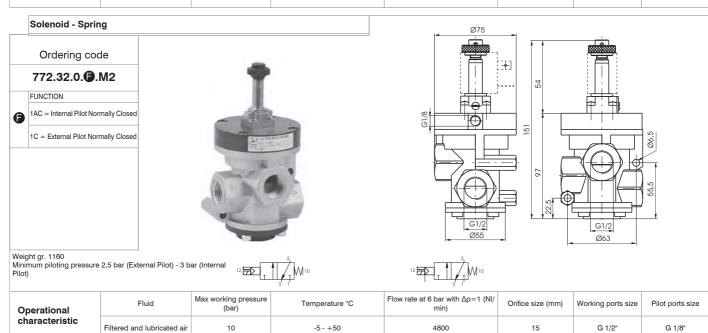




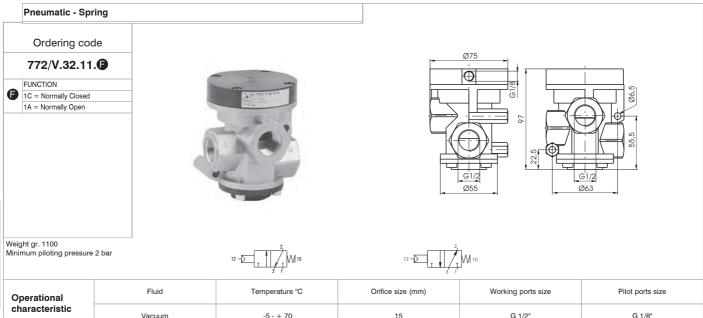
Weight gr. 1100 Normally Closed Minimum piloting pressure 2,5 bar

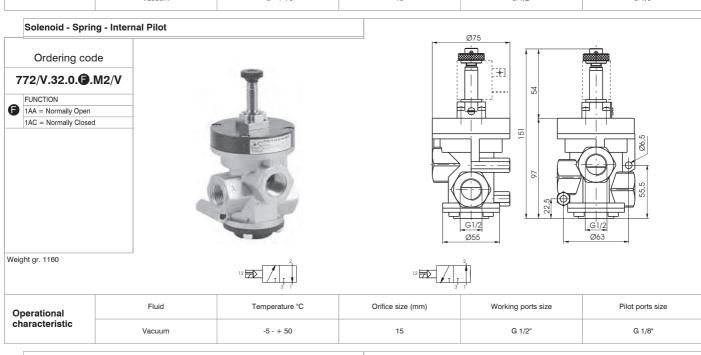


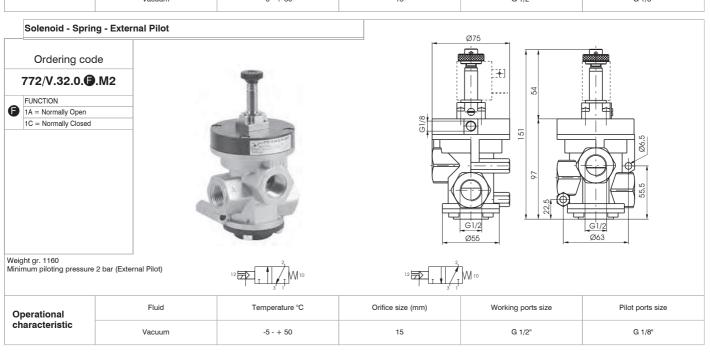
Operational	Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (NI/ min)	Orifice size (mm)	Working ports size	Pilot ports size	
characteristic	Filtered and lubricated air	10	-5 - +70	4800	15	G 1/2"	G 1/8"	١



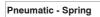






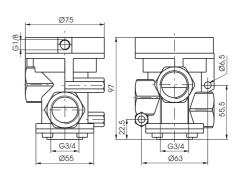


G3/4" for compressed air



Ordering code



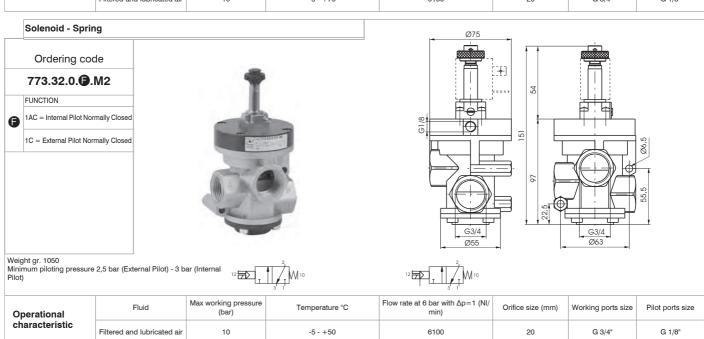


Weight gr. 990

Normally Closed Minimum piloting pressure 2,5 bar

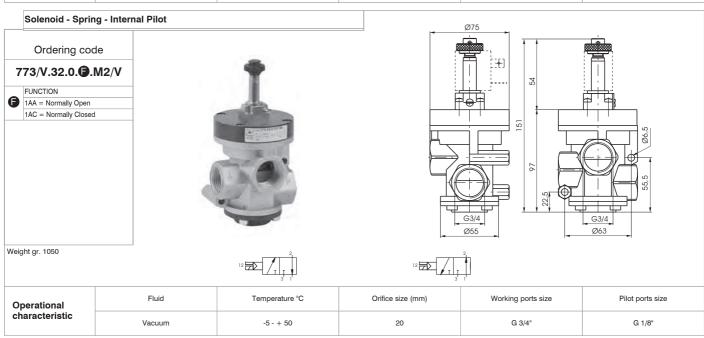


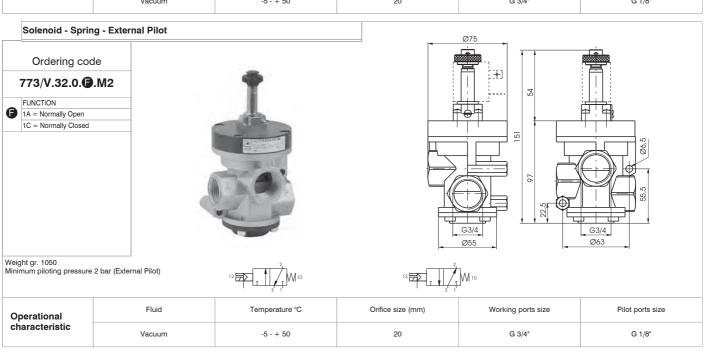
Operational	Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (NI/ min)	Orifice size (mm)	Working ports size	Pilot ports size	
characteristic	Filtered and lubricated air	10	-5 - +70	6100	20	G 3/4"	G 1/8"	١









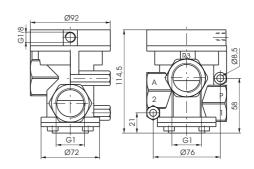


Pneumatic - Spring

Ordering code

771.32.11.1C

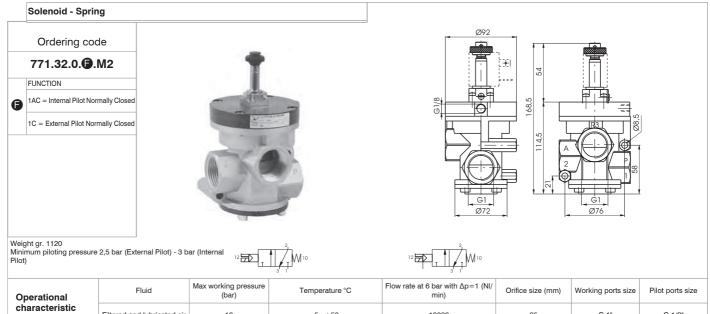




Weight gr. 1060 Normally Closed Minimum piloting pressure 2 ,5 bar



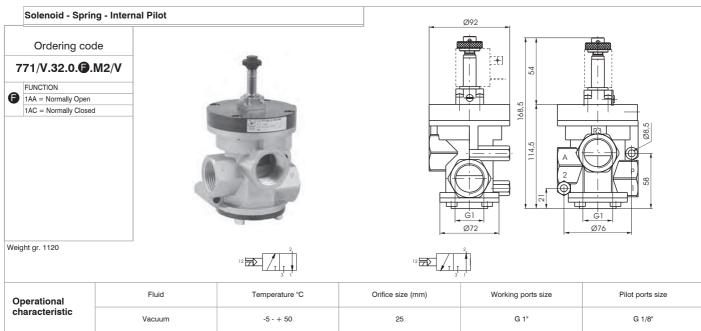
Operational	Fluid	Max working pressure (bar)	Temperature °C	Flow rate at 6 bar with Δp=1 (NI/min)	Orifice size (mm)	Working ports size	Pilot ports size	
characteristic	Filtered and lubricated air	10	-5 - +70	12000	25	G 1"	G 1/8"	ľ

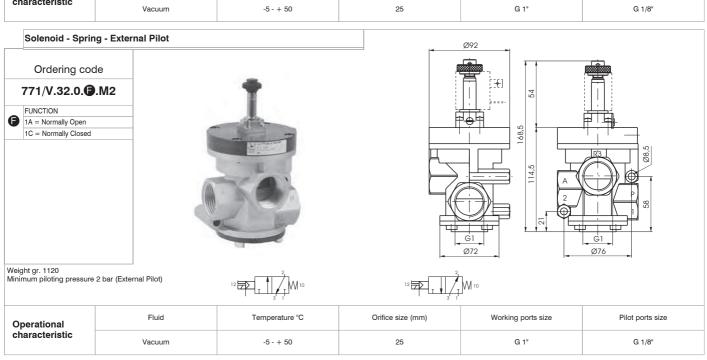


characteristic	Filtered and lubricated air	10	-5 - +50	12000	25	G 1"	G 1/8"



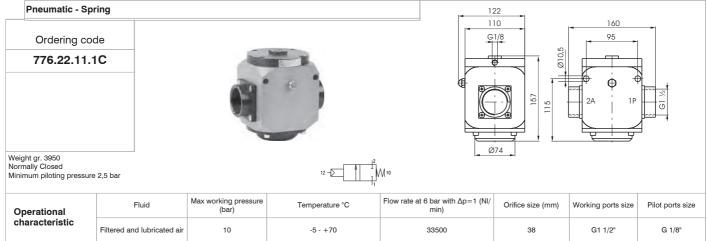


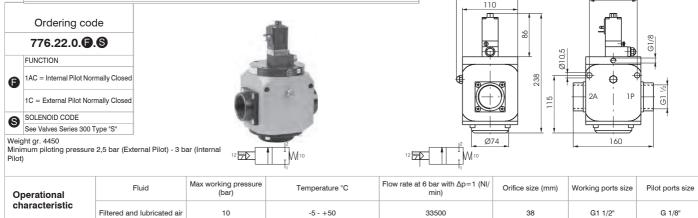




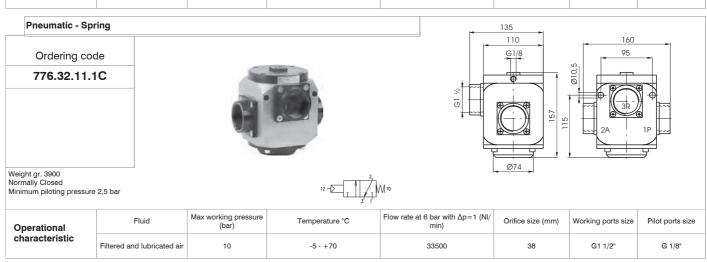
Solenoid - Spring

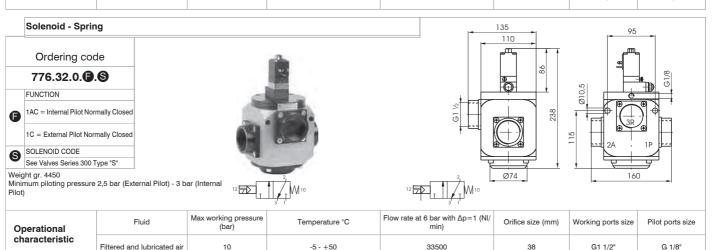






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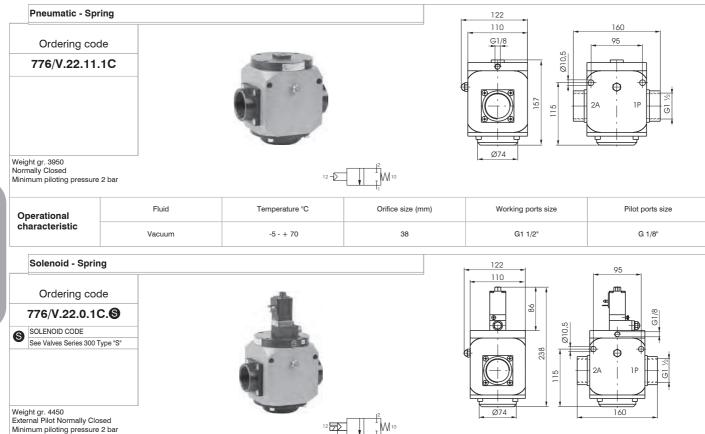


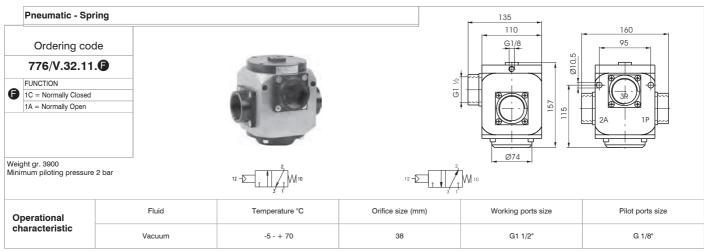


Operational characteristic

Fluid







Temperature °C

-5 - + 50

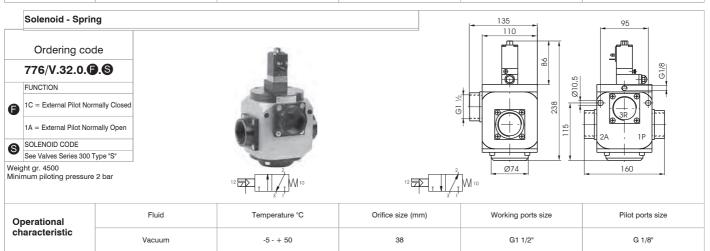
Orifice size (mm)

Working ports size

G1 1/2"

Pilot ports size

G 1/8"





This new range of G1/2" and G3/4" pilot and solenoid operated poppet valves represents an evolution of the current popular Zama series. The main feature of this new series is the high impact resistant thermoplastic used to mould the valve components.

The use of this materiel results in a versatile, lightweight and economical valve. The new series also has other technical and functional enhancements over the existing range. Firstly, the traditional piston lip seal has been replaced with a rolling diaphragm, thereby eliminating frictional wear and tear to this seal. The new series (with the exception of certain vacuum models) also features a seal, which separates port 3 from the piston head. The inclusion of this seal has enhanced the valve's performance and allows the valve to be used as normally open (a configuration not possible in the Zama series).

Solenoid operated valves (both internal and external pilot versions) are fitted with a guick exhaust unit, which reduces the return stroke operating time by 60%. The bulk of the valves in this series use the MP type operator, the exception being internally piloted vacuum models, which use the MV operator. These operators differ from the M2 type in that they have self-tapping mounting screws for use in plastics.

Coils are not included and have to be ordered separately (series 300, Section 1, General Catalogue), with the exception of the bistable versions which already include 24V Dc Coils (N331.0A).

US homologated are also available. (see series 300).

Construction characteristics

Body, operator and end cover	High resistance technopolymer
Seals and poppets	Oil resistant rubber (NBR)
Piston and shaft	Acetal resin
Springs	AISI 302 stainless steel
Diaphragm	Oil resistant rubber coated (NBR)

Use and mainutenance

These valves have a mean life of 10 to 15 million cycles under normal operating conditions.

Lubrication is not required for good operation but we recommend good filtration to avoid dirty deposit causing malfunction.

Check that the operating conditions: pressure, temperature and so on are as suggested.

The exhaust port of the distributor has to be protected in a dusty and dirty environment.

For these products, according to the construction technique and special application, is not required any maintenance with parts replacement. When necessary it is sufficient to clean the internal parts.

When it is used the solenoid valves with internal pilot, either for air or vacuum, inlet flow rate must be equal or higher that the required consumption flow rate, otherwise is better choose the external pilot version.

Air valve port layout:

Normally closed: 1 = LINE IN

2 = CONSUMPTION

3 = EXHAUST

1 = EXHAUSTNormally open:

2 = CONSUMPTION

3 = LINE IN

Vacuum valve port layout:

Normally closed internal pilot 1 = EXHAUST

Normally open (servoassisted) external pilot 2 = CONSUMPTION

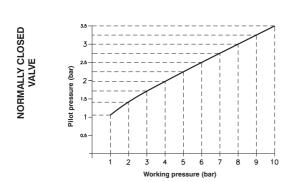
3 = PUMP

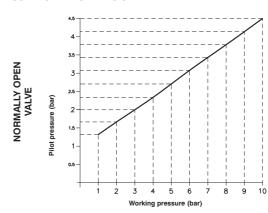
Normally open internal pilot

Normally closed (servoassisted) external pilot 2 = CONSUMPTION

3 = EXHAUST

MINIMUM WORKING PRESSURE DIAGRAM (Valves for compressed air) PNEUMATIC/SPRING AND EXTERNAL SOLENOID PILOT VERSION





Ordering code

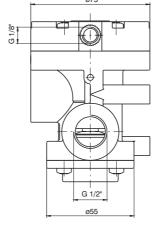
T772.32.11.1

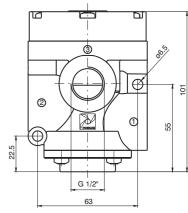
Normally closed

Normally open







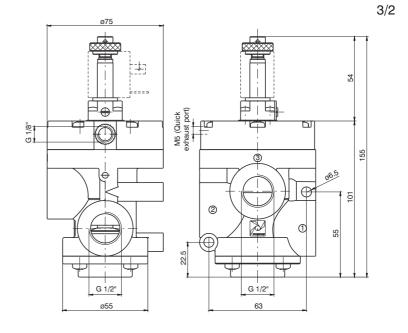


Weight gr. 350

Minimum piloting pressure: see diagram at General page



Weight gr. 390



	Orderi	ng code	
Internal pilot	Servoassisted external pilot	Internal pilot with quick exhaust	Servoassisted external pilot with quick exhaust
T772.32.0.1AC.MP Normally closed	T772.32.0.1.MP	T772S.32.0.1AC.MP Normally closed	T772S.32.0.1.MP
12 J J M 10	Normally closed	12 W 10	Normally closed
3' 1'	12 M 10	3' 1'	12 M 10
T772.32.0.1AA.MP	3' 1'	T772S.32.0.1AA.MP	3' 1'
Normally open	Normally open	Normally open	Normally open
12 3 1 N 10	12 7 1 10 10	12 7 1 10	12 7 M 10
Minimum piloting pressure: 2.5 bar	Minimum piloting pressure: see diagram at General page	Minimum piloting pressure: 2.5 bar	Minimum piloting pressure: see diagram at General page

Operational	Fluid	Max working pressure	Operating t	emperature max.	Flow rate at 6 bar with $\Delta p = 1$ bar	Orifice size	Inlet port size	Pilot ports size
characteristics	Filtered and lubricated or non lubricated air	10 bar	-5° C	+50°C	4100 NI/min	mm 15	G 1/2"	G 1/8"

Ordering code

T772/V.32.11.1

Normally open

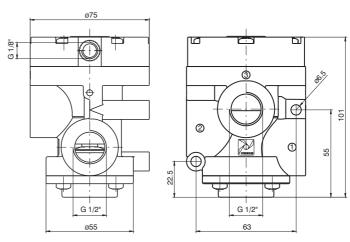


Normally closed







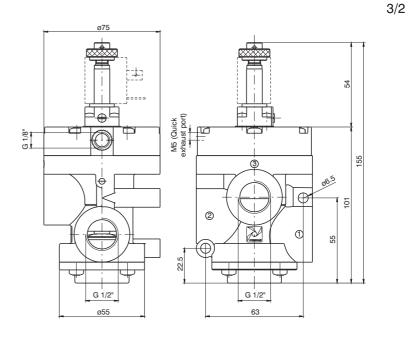


Minimum piloting pressure: 2,5 bar

Solenoid valve Solenoid spring



Weight gr. 390



Ordering code		
Servoassisted external pilot	Servoassisted external pilo with quick exhaust	
T772/V.32.0.1.MP	T772/VS.32.0.1.MP	
Normally open	Normally open	
12 Z J M 10	12 10 10	
Normally closed	Normally closed	
12 T 10 10	12 2 10 10 10	
	Servoassisted external pilot T772/V.32.0.1.MP Normally open Normally closed	

Minimum piloting pressure: 2.5 bar

Operational	Fluid	Operating t	emperature max.	Orifice Size	Inlet port size	Pilot ports size
characteristics	Vacuum	-5°C	+50°C	mm 15	G 1/2"	G 1/8"



Ordering code

T773.32.11.1

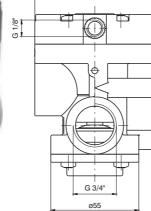
Normally closed

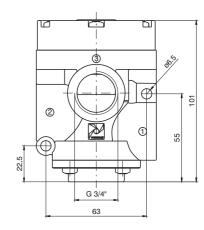
Normally open





Weight gr. 330





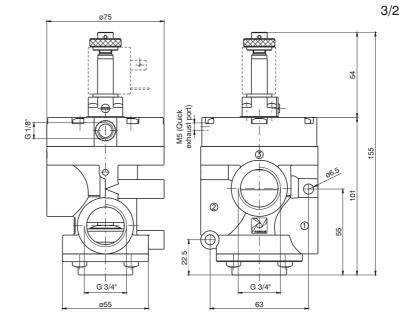
3/2

Minimum piloting pressure: see diagram at General page

Solenoid valve







Ordering code								
Internal pilot	Servoassisted external pilot	Internal pilot with quick exhaust	Servoassisted external pilot with quick exhaust					
T773.32.0.1AC.MP Normally closed	T773.32.0.1.MP	T773S.32.0.1AC.MP Normally closed	T773S.32.0.1.MP					
12 M 10	Normally closed	12 T M10	Normally closed					
3 1	12 M 10	3 1	12 M 10					
T773.32.0.1AA.MP	3 1	T773S.32.0.1AA.MP	3 1					
Normally open	Normally open	Normally open	Normally open					
12 J 10 10	12 J M 10	12 () M 10	12 7 10 10					
Minimum piloting pressure: 2.5 bar	Minimum piloting pressure: see diagram at General page	Minimum piloting pressure: 2.5 bar	Minimum piloting pressure: see diagram at General page					

Operational	Fluid	Max piloting pressure	Operating to min.	emperature max.	Flow rate at 6 bar with $\Delta p = 1$ bar	Orifice size	Inlet port size	Pilot ports size
characteristics	Filtered and lubricated or non lubricated air	10 bar	-5° C	+50°C	6400 NI/min	mm 20	G 3/4"	G 1/8"

3/2



Valve Pneumatic spring

Ordering code

T773/V.32.11.1

Normally open

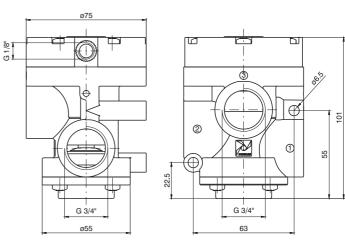
12 - 10

Normally closed

2 - M 10





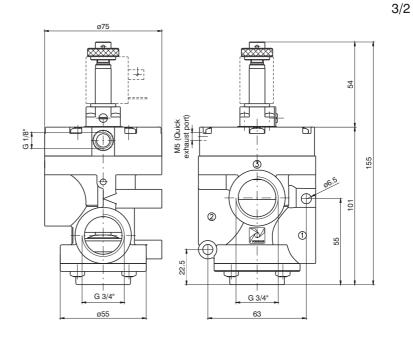


Minimum piloting pressure: 2,5 bar

Solenoid valve Solenoid spring



Weight gr. 370



Ordering of	ode
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Internal pilot	Servoassisted external pilot	Servoassisted external pilot with quick exhaust
T773/V.32.0.1AA.MV Normally open	T773/V.32.0.1.MP	T773/V\$.32.0.1.MP
™ ED 1 1 1 1 1 1 1 1 1 1	Normally open	Normally open
Normally closed	Normally closed	Normally closed

Minimum piloting pressure: 2.5 bar

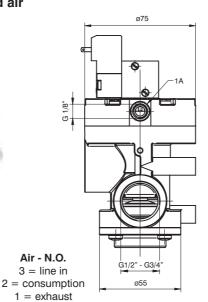
Operational characteristics	Fluid	Operating t	emperature max.	Orifice Size	Inlet port size	Pilot ports size
	Vacuum	-5°C	+50°C	mm 20	G 3/4"	G 1/8"

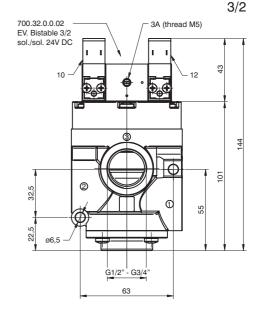


Bistable version for Compressed air



Air - N.C. 1 = line in 2 = consumption 1 = exhaust





Weight gr. 550

3A (thread M5)

Ordering	α
Oracilia	COUC
3	

G	1/2"	G 3/4"		G 1/2" (with quick exhaust)		G 3/	G 3/4" (with quick exhaust)		
	T772.32.0.1BP T773.32.0.1.BP Normally closed Normally closed		T772S.32.0.1.BP Normally closed			T773S.32.0.1.BP Normally closed			
Norma	ally open	Norm	nally open		Normally open			Normally open	
Operational	Fluid	Max piloting pressure	Min. Pilot pressure	Temp min.	erature max.	Flow rate at 6 bar with Δp = 1 bar	Orifice Size	piloting port size	Pilot ports size
characteristics	Filtered and lubricated or non lubricated air	10 bar	2 bar	-5° C	+50°C	G1/2": 4100 NI/min G3/4": 6400 NI/min	mm 15	G 1/2" G 3/4"	G 1/8"

Bistable version for Vacuum

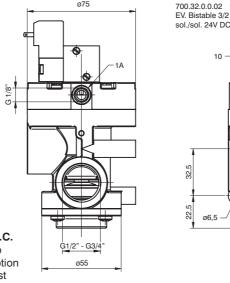
3/2



Vacuum - N.O. 3 = pump2 = consumption1 = exhaust

G1/2" - G3/4

Vacuum - N.C. 1 = pump2 = consumption3 = exhaust



4 10 55 G1/2" - G3/4 63

	2 10 10 10 10 10 10 10 10 10 10 10 10 10	2 1 1 10	12 3A 1A	2 1 3 1
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Weight gr. 550

Ordering code

G 1/2"		G 3/4"		G ½" (v	vith quick exhaust)	G 3/4" (with	G 3/4" (with quick exhaust)	
Normally close	T772/V.32.0.1BP Normally closed Normally open T773/V.32.0.1.BP Normally closed Normally open		T772/VS.32.0.1.BP Normally closed Normally open		T773/VS.32.0.1.BP Normally closed Normally open			
Operational	Fluid	Min. Pilot pressure	Temp min.	erature max.	Orifice Size	Inlet port size	Pilot ports size	
characteristics	Vacuum	2,5 bar	-5° C	+50°C	mm 15	G 1/2" G 3/4"	G 1/8"	



This new range of G1" pilot and solenoid operated poppet valves represents an evolution of the current popular Zama series and of the series T772-T773 (G1/2" - 3/4").

Also for this series the main feature is the technopolimer material used to mould most of its components. The use of this materiel results in a versatile, lightweight and economical valve.

The new series also has other technical and functional enhancements over the existing range. Firstly, the traditional piston lip seal has been replaced with a rolling diaphragm, thereby eliminating frictional wear and tear to this seal. The new series (with the exception of certain vacuum models) also features a seal, which separates port 3 from the piston head. The inclusion of this seal has enhanced the valve's performance and allows the valve to be used as normally open (a configuration not possible in the Zama series).

Solenoid operated valves (both internal and external pilot versions) are fitted with a quick exhaust unit, which reduces the return stroke operating time by 80%. The bulk of the valves in this series use the MP type operator, the exception being internally piloted vacuum models, which use the MV operator. These operators differ from the M2 type in that they have self-tapping mounting screws for use in plastics.

Bistable versions are also available, both for air or for vacuum. These valves are fitted with a 3/2 sol-sol valve (instead of the standard pilot valve) fitted with two 15mm 24V Dc microvalves (N331.0A). Ordering codes refer to solenoid valves with MP or MV assembled on them.

Coils are not included and have to be ordered separately (series 300, Section 1, General Catalogue), with the exception of the bistable versions which already include 24V Dc Coils (N331.0A).

Construction characteristics

Body, operator and end cover	High resistance technopolymer
Seals and poppets	NBR
Piston and shaft	Acetal resin
Springs	AISI 302 stainless steel
Diaphragm	NBR

Use and mainutenance

These valves have a mean life of 10 to 15 million cycles under normal operating conditions.

Lubrication is not required for good operation but we recommend good filtration to avoid dirty deposit causing

Check that the operating conditions: pressure, temperature and so on are as suggested.

The exhaust port of the distributor has to be protected in a dusty and dirty environment.

For these products, according to the construction technique and special application, is not required any maintenance with parts replacement. When necessary it is sufficient to clean the internal parts.

When it is used the solenoid valves with internal pilot, either for air or vacuum, inlet flow rate must be equal or higher that the required consumption flow rate, otherwise is better choose the external pilot version.

Air valve port layout:

Normally closed: 1 = LINE IN

2 = CONSUMPTION

3 = EXHAUST

Normally open: 1 = EXHAUST

2 = CONSUMPTION

3 = LINE IN

Vacuum valve port layout:

Normally closed internal pilot

1 = FXHAUST 2 = CONSUMPTION Normally open (servoassisted) external pilot

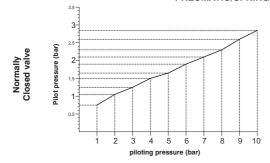
3 = PUMP

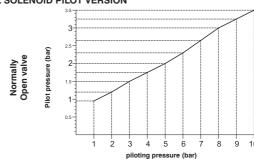
1 = PUMPNormally open internal pilot

2 = CONSUMPTION Normally closed (servoassisted) external pilot

3 = EXHAUST

MINIMUM piloting PRESSURE DIAGRAM (Valves for compressed air) PNEUMATIC/SPRING AND EXTERNAL SOLENOID PILOT VERSION







Ordering code

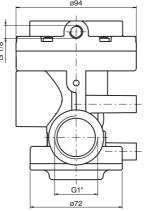
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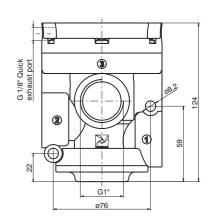
Normally closed

Normally open









3/2

3/2

Pilot ports

size

G 1/8"

Inlet

port size

G 1"

Minimum piloting pressure: see diagram at General page

Solenoid valve Solenoid spring



State Suick of Table 200 of Tab

Weight gr. 520

Fluid

Filtered and lubricated

or non lubricated air

Ordering code							
Internal pilot	Servoassisted external pilot	Internal pilot with quick exhaust	Servoassisted external pilot with quick exhaust				
T771.32.0.1AC.MP Normally closed	T771.32.0.1.MP	T771S.32.0.1AC.MP Normally closed	T771S.32.0.1.MP				
12 Z M 10	Normally closed	12 Z M 10	Normally closed				
T771.32.0.1AA.MP	12 11 1 10 10 10 10 10 10 10 10 10 10 10 1	T771S.32.0.1AA.MP	12 M 10				
Normally open	Normally open	Normally open	Normally open				
12 📆 🕌 📈 10	12 T 1 10 10	12 2 10 10 10	12 7 10 10				
Minimum piloting pressure: 2,5 bar	Minimum piloting pressure: see diagram at General page	Minimum piloting pressure: 2,5 bar	Minimum piloting pressure: see diagram at General page				

Operational

characteristics

Operating

temperature

max.

+50°C

min.

-5° C

Max piloting

pressure

10 bar

Flow rate at 6 bar

with $\Delta p = 1$ bar

12.000 NI/min

Orifice

size

mm 25

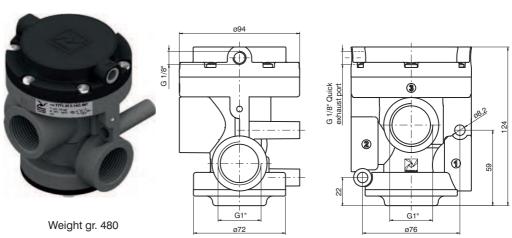
Ordering code

T771/V.32.11.1

Normally open

Normally closed



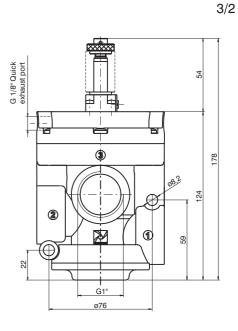


Minimum piloting pressure: 2 bar

Solenoid valve Solenoid spring



8/5 G1" 072



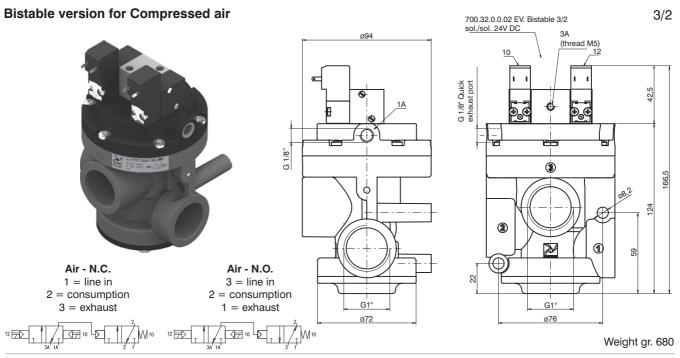
Weight gr. 520

	Ordering code	
Internal pilot	Servoassisted external pilot	Servoassisted external pilot with quick exhaust
T771/V.32.0.1AA.MV Normally open	T771/V.32.0.1.MP	T771/VS.32.0.1.MP
12 7 3 1	Normally open	Normally open
T771/V.32.0.1AC.MV	12 3 1 10	12 T
Normally closed	Normally closed	Normally closed
3 1	12 7 1 10 10	12 J 10 10

Minimum piloting pressure: 2 bar

	Fluid	Tempe	ı	Orifice size	Inlet port size	Pilot ports size
Operational characteristics		min.	max.		P	
	Vacuum	-5°C	+50°C	mm 25	G 1"	G 1/8"





Ordering code

T771.32.0.1BP

Normally closed / Normally open

with quick exhaust

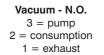
T771S.32.0.1.BP

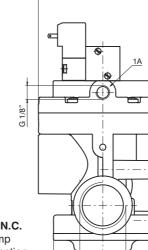
Normally closed / Normally open

Operational	Fluid	Max piloting pressure	Minumum Operating piloting temperature pressure min. max.		Flow rate at 6 bar with $\Delta p = 1$ bar	Orifice size	inlet port size	Pilot ports size	
characteristics	Filtered and lubricated air	10 bar	2,5 bar	-5° C	+50°C	12.000 NI/min	mm 25	G 1"	G 1/8"

Bistable version for Vacuum







Vacuum - N.C. 1 = pump2 = consumptionG1' 3 = exhaust

3/2 700.32.0.0.02 EV. Bistable 3/2 sol./sol. 24V DC G 1/8" Quick exhaust port 42,5 (3) 166,5 124 2 W 1 G1' ø76

Weight gr. 680

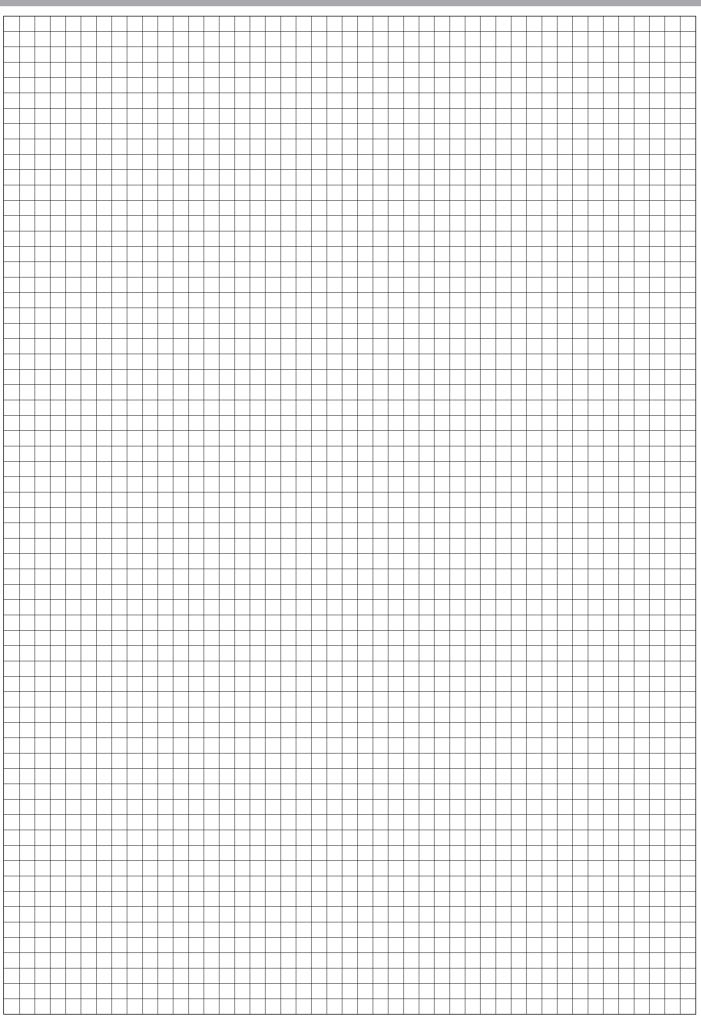
Ordering code

T771/V.32.0.1BP Normally closed / Normally open

with quick exhaust T771/VS.32.0.1.BP Normally closed / Normally open

Operational	Fluid	Minumum piloting pressure	Temp	erature max.	Orifice size	Inlet port size	Pilot ports size
characteristics	Vacuum	2,5 bar	-5° C	+50°C	mm 25	G 1"	G 1/8"







The N776 G1.1/2" series of valves and solenoid operated poppet valves is the result of the technical evolution of the 776 series. A rolling diaphragm construction has replaced the previously used piston design ensure lower frictions and longer life. Connection 3 is isolated via a dedicated seal which allow to have the N.O. version as well as the self feed for vacuum which was not available on the 776 series.

The pilot valves are the M3R (CNOMO Stile) with bistable manual override.

Coils are not included and have to be ordered separately (see 300 series, 22mm MB coils and 30mm CNOMO MC coils).

Coils C RU US homologated are also available. (series 300).

Construction characteristics

Body, operator and end cover:	Die casting Aluminium	
Seals and poppets:	NBR oil resistant rubber	
Piston:	Aluminium (for Air) - Acetylic resin (for Vacuum)	
Pin guide:	Nickel plated steel	
Spring:	Steel	
Diaphragm:	NBR oil resistant rubber	

Use and mainutenance

These valves have a mean life of 10 to 15 million cycles under normal operating conditions.

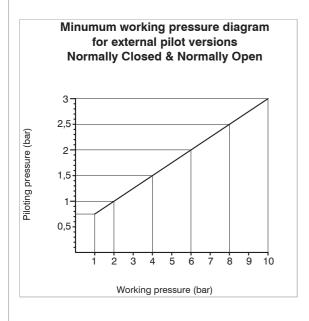
Lubrication is not required for good operation but we recommend good filtration to avoid dirty deposit causing malfunction. Check that the operating conditions: pressure, temperature and so on are as suggested.

The exhaust port of the distributor has to be protected in a dusty and dirty environment.

For these products, according to the construction technique and special application, is not required any maintenance with parts replacement. When necessary it is sufficient to clean the internal parts.

When it is used the solenoid valves with internal pilot, either for air or vacuum, inlet flow rate must be equal or higher that the required consumption flow rate, otherwise is better choose the external pilot version.

Air valves port layout:		Vacuum valves port layout:	
Normally Closed:	1 = LINE IN 2 = CONSUMPTION 3 = EXHAUST	Normally Closed internal Pilot Normally Open (servoassisted) external pilot	1 = EXHAUST 2 = CONSUMPTION 3 = PUMP
Normally Open:	1 = EXHAUST 2 = CONSUMPTION 3 = LINE IN	Normally Open internal Pilot Normally Closed servoassisted) external pilot	1 = PUMP 2 = CONSUMPTION 3 = EXHAUST



Weight gr.3610

Operational characteristics

Minimum piloting pressure: Servoassisted external pilot "See gram on the General page" / 3,5 bar Internal pilot version,

Fluid

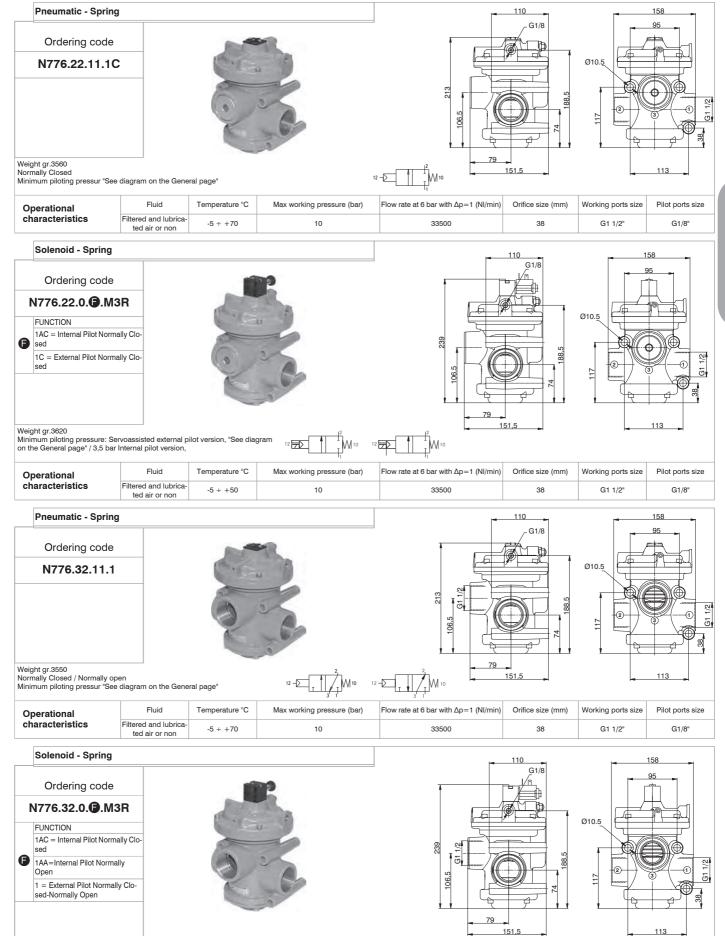
Filtered and lubrica

ted air or non

Temperature °C

-5 ÷ +50





Pilot ports size

G1/8

M 10 12

Orifice size (mm)

38

Working ports size

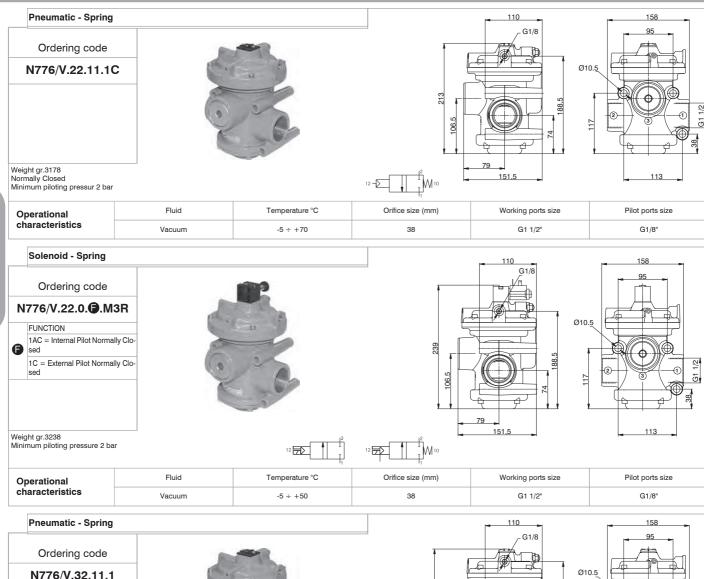
G1 1/2

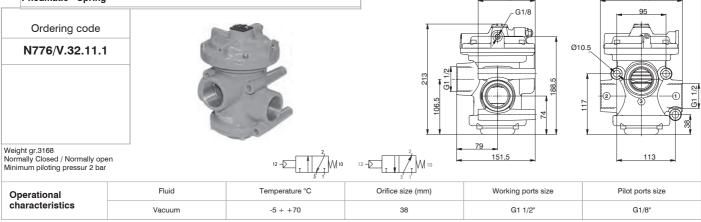
Max working pressure (bar)

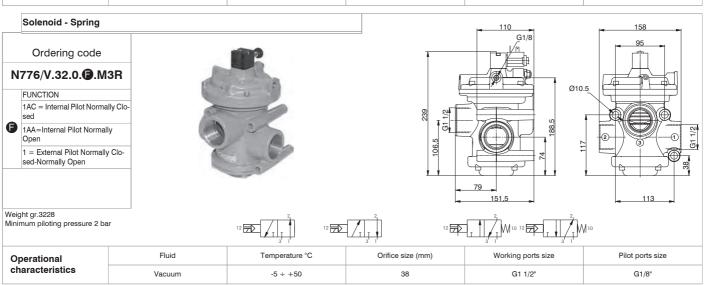
Flow rate at 6 bar with Δp=1 (NI/min)

33500











Pad Valves offer a reliable and economic solution to fluid control.

The valve is manufactured with a 2 way Bronze body and actuated pneumatically using either a single or double acting compact cylinder which can be rotated 360° .

Versions are available with NBR, FPM or PTFE valve seals.

The barrel profile allows the use of magnetic sensors code "1500._", "RS._", "HS._", for slots "A" type. (see the Pneumax Genaral catalogue, chapter 4).

Construction characteristics

Rear eye, Piston and Rod bushing	Anodized aluminium
Cylinder	Aluminium alloy Anodized
Spring	Zinc plated steel
Pneumatic cylinder seals	NBR (FPM for variants with seals
	in contact with fluid in FPM or PTFE)
Seals in contact with fluid	NBR, FPM, PTFE
Piston rod	Chromed stainelss steel
Bushing, Bushing pad, Nut pad	Brass

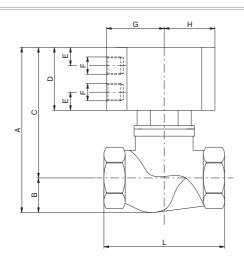
Working characteristics

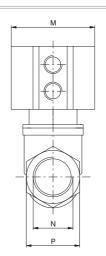
Pneumatic cylinder fluid	Filtered and lubricated air or nor
Valve fluid	Fluid compatible with gasket
	compounds available
Maximum working pressure (bar)	10
Temperature °C, non magnetic piston, NBR seals	-5 / + 70
non magnetic piston, FPM seals	-5 / + 150
non magnetic piston, PTFE seals	-5 / + 150
magnetic piston, NBR, FPM, PTFE seals	-5 / + 70



"T" body version Pad valves







Ordering code

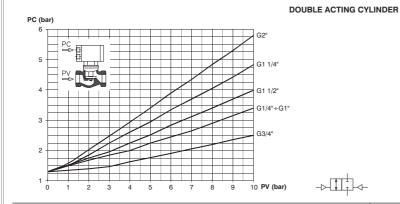
PVA.B. 4.P.T. 6.8

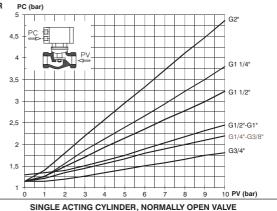
- ACTING DE=Double acting SC=Normally closed SA=Normally open PISTON N=Non magnetic M= Magnetic CONNECTIONS A=G1/4"
- B=G3/8" C=G1/2 D=G3/4" E=G1" F=G1 1/4" G=G1 1/2 H=G2" SEALS
- N=NBR 8 V=FPM F=PTFE

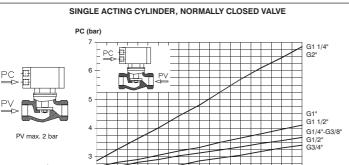
TABLE OF DIMENSIONS

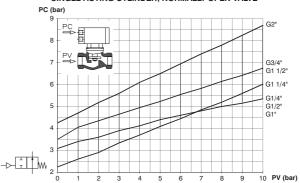
Non magnetic version				Mag	netic ver	sion									TECHNICAL DATA		
Connection (N)	Α	С	D	Α	С	D	В	E	F	G	Н	L	М	Р	Actuator (Ø)	Nominal Valve (Ø)	Weight (gr.)
G1/4"	93,5	77,5	41	97,5	81,5	45	16	10,25	G1/8"	32,5	28,5	64	47	25	Ø40	Ø13,5	350
G3/8"	93,5	77,5	41	97,5	81,5	45	16	10,25	G1/8"	32,5	28,5	64	47	25	Ø40	Ø13,5	350
G1/2"	93,5	78	41	99,5	82	45	17,5	10,25	G1/8"	32,5	28,5	68	47	30	Ø40	Ø15	400
G 3/4"	105	83	41	113	90	48	22	11,25	G1/8"	44	40	79	70	36	Ø63	Ø20,5	850
G1"	117	89	41	125	101	53	28	11,25	G1/8"	44	40	94	70	44	Ø63	Ø25	1100
G1 1/4"	131	103	48	136	108	53	28	11,25	G1/8"	44	40	110	70	55	Ø63	Ø30	1400
G1 1/2"	154	118	57	166	130	69	36	13,75	G1/8"	56	49	120	90	60	Ø80	Ø38	2100
G2"	169	124	57	181	136	69	45	13,75	G1/8"	56	49	140	90	73	Ø80	Ø49,5	3000

Pad valves, 2-ways, are a reliable and economic solution to control fluid. Pneumatically actuated by a compact double or single acting cylinder with 360° revolving connections. Standard seals in contact with fluid are made in NBR, FPM or PTFE. The barrel profile allows the use of Pneumax magnetic sensors series 1500 (see the Pneumax Genaral catalogue, chapter 4).









Operational characteristics

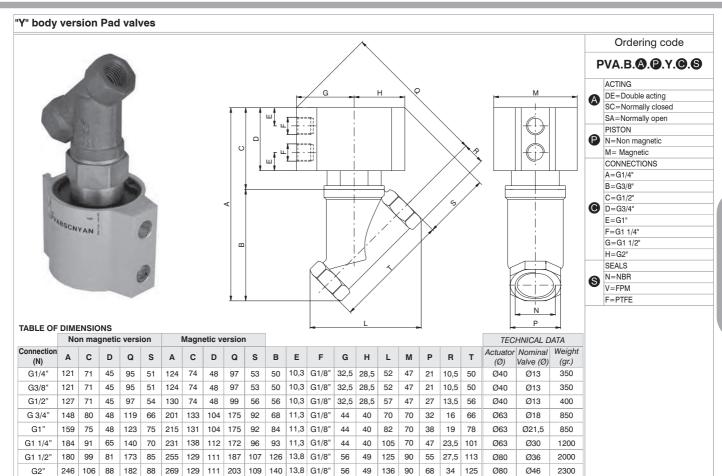
- Rear eye, Piston and Rod bushing = Anodized aluminium Cylinder = Aluminium alloy Anodized Spring = Zinc plated steel Seals = NBR, FPM, PTFE

- Piston rod = Chromed stainelss steel
 Bushing, Bushing pad, Nut pad = Brass

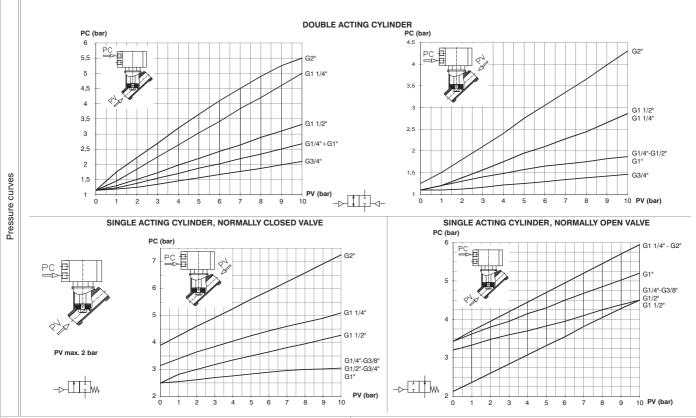
Technical characteristics Filtered and lubricated air or non Maximum working pressure (bar) 10 -5 / + 70 Temperature °C (non magnetic piston, NBR seals) Temperature °C (non magnetic piston, FPM seals) -5 / + 150 -5 / + 150 Temperature °C (non magnetic piston, PTFE seals) Temperature °C (magnetic piston, NBR, FPM, PTFE seals) -5 / + 70

Pressure curves

10 PV (bar)



Pad valves, 2-ways, are a reliable and economic solution to control fluid. Pneumatically actuated by a compact double or single acting cylinder with 360° revolving connections. Standard seals in contact with fluid are made in NBR, FPM or PTFE. The barrel profile allows the use of Pneumax magnetic sensors series 1500 (see the Pneumax Genaral catalogue, chapter 4).



Operational characteristics Technical characteristics Rear eye, Piston and Rod bushing = Anodized aluminium Cylinder = Aluminium alloy Anodized Fluid Filtered and lubricated air or non Maximum working pressure (bar) Spring = Zinc plated steel Seals = NBR, FPM, PTFE Temperature °C (non magnetic piston, NBR seals) -5 / + 70 Piston rod = Chromed stainelss steel Bushing, Bushing pad, Nut pad = Brass Temperature °C (magnetic piston, PTFE seals) -5 / + 150 Temperature °C (magnetic piston, NBR, FPM, PTFE seals) -5 / + 70