

### FEATURES

- The valves offer environmental protection against the ingress of liquids, dusts or other foreign matter (environmentally-protected construction)

### GENERAL

<b>Fluid</b>	Air or neutral gaz, filtered, lubricated or not
<b>Operating pressure</b>	2 to 10 bar
<b>Ambient temperature</b>	-25°C to +60°C (with pilot series 374) 0°C to +60°C (with pilot series 630)
<b>Flow (Qv at 6 bar)</b>	series 551 860 l/min (ANR) - Kv : 12,5 series 552 3000 l/min (ANR) - Kv : 41,5 series 553 3800 l/min (ANR) - Kv : 52,5
<b>Base</b>	size 15 ISO 15218 (CNOMO E06.36.120N) size 30 ISO 15218 (CNOMO 06-05-80/NF E 49066)

### CONSTRUCTION

#### SPOOL VALVES

<b>Body, end covers</b>	Black anodised aluminium
<b>Internal parts</b>	Stainless steel, POM (polyacetal), aluminium
<b>Seals</b>	NBR (nitrile), PUR (polyurethane)

#### PILOTS

Solenoid pilot valve series 630 : see page P503  
Solenoid pilot valve series 374 : see catalogue Fluid Control page V598



### ELECTRICAL CHARACTERISTICS

pilot		voltages	consumption		insulation class	protection degree	electrical connection
size	series		inrush	hold			
size 15	series 630	~	0,6VA	0,007W	F	IP 65	spade plug size 15 connector, DIN 43650, 9,4 mm, industry standard B, rotatable by 90°
		=					
size 30	series 374	~	55VA	23VA (10,5W)	F	IP 65	spade plug size 30 connector, ISO4400/ EN175301-803, form A, rotatable by 90°
		=					

(1) max. current : 80 mA, current of max. maintenance : 1 mA

### SPECIFICATIONS

function symbol	operators		pipe size	catalogue number with standard connector			
	pilot (14)	return (12)		pilot 630 CNOMO size 15	(M) ▼	pilot 374 CNOMO size 30	(M) ●
	solenoid air	spring	G1/4	PISCG551A505	MO	CTSCG551A205	MS
			G3/8	PISCG552A505	MO	CTSCG552A205	MS
			G1/2	PISCG553A505	MO	CTSCG553A205	MS
	solenoid air	solenoid air	G1/4	PISCG551A506	MO	CTSCG551A206	MS
			G3/8	PISCG552A506	MO	CTSCG552A206	MS
			G1/2	PISCG553A506	MO	CTSCG553A206	MS
	solenoid air	spring	G1/4	PISCG551A517	MO	CTSCG551A217	MS
			G3/8	PISCG552A517	MO	CTSCG552A217	MS
			G1/2	PISCG553A517	MO	CTSCG553A217	MS
	solenoid air	solenoid air	G1/4	PISCG551A518	MO	CTSCG551A218	MS
			G3/8	PISCG552A518	MO	CTSCG552A218	MS
			G1/2	PISCG553A518	MO	CTSCG553A218	MS

(M) Type of manual operator on pilot(s) ● : maintained ▼ : impulse

Note: do not connect the pressure supply to the exhaust port 3. For a "distributing" function or use in NO function, consult us.

When ordering, please specify:

PISC	G	551	A	517	MO	24V	CC	
CTSC	G	552	A	205	MS	24V	CC	
PISCX	G	553	A	505	MO	24V	CC	TPL 17777
prefix	pipe thread	basic number						TPL n°
								voltage
								suffix

How to order a version without connector :

Use the TPL 17777.

The TPL number (Temporary Parts List) indicates special construction. In this case, the spool valve catalogue number contains the prefix "X" and the TPL number must always be mentioned following the spool valve catalogue number.

Example : PISCG553A505 MO 24V DC TPL17777

**OPTIONS**

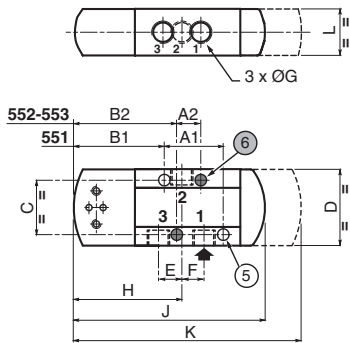
- Other pipe threads are available on request
- For high temperatures, prefix CTSCHT, consult our catalogue Fluid Control page V598
- Available in version ATEX Ex d, prefix CTNK, consult our catalogue ATEX page X019-210-15

**ACCESSORIES**

series	pipe size	stainless steel exhaust protector
551	G 1/4	<b>34600419</b>
552	G 3/8	<b>34600478</b>
553	G 1/2	<b>34600479</b>
551-552-553	M5	<b>34600484</b>

**DIMENSIONS (mm), WEIGHT (kg)**

**3/2 NC SPOOL VALVES**

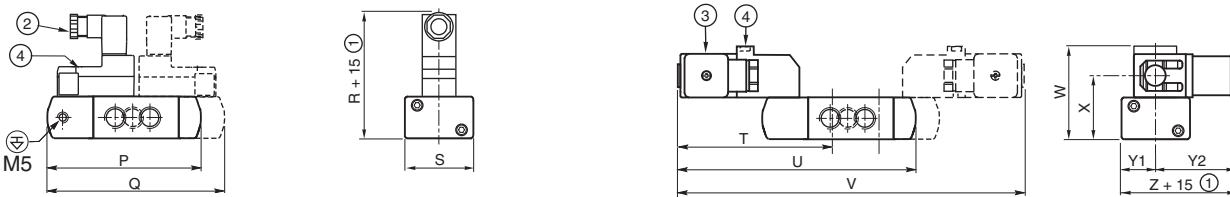


- ① Extra length for disassembly, depending on model
- ② Connector size 15, rotatable by 90°
- ③ Connector size 30, ISO 4400, rotatable by 90°
- ④ Manual operator
- ⑤ Series 551 : 2 mounting holes Ø 5,3 - spotfacing Ø 9, depth 5
- ⑥ Series 552-553 : 2 mounting holes Ø 6,5 - spotfacing Ø 11, depth 6

series	weight 3/2 NC			
	pilot 630		pilot 374	
	monost.	bistable	monost.	bistable
<b>551</b>	0,36	0,41	0,60	0,89
<b>552</b>	1,10	2,18	1,34	2,66
<b>553</b>	1,00	2,08	1,24	2,56

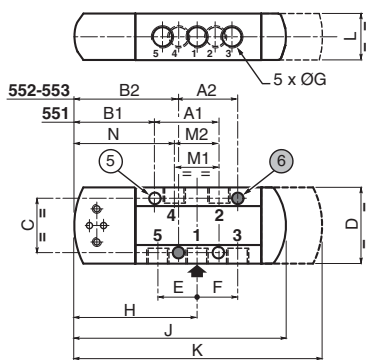
With pilot 630

With pilot 374



series	A1	A2	B1	B2	C	D	E	F	ØG	H	J	K	L	P	Q	R	S	T	U	V	W	X	Y1	Y2	Z
<b>551</b>	33	-	51,5	-	32	45	11	11	G1/4	61,5	113	134	27,5	113	134	75	45	128	188	284	66	43	22,5	64	86,5
<b>552</b>	-	16	-	78,5	51	72,3	12,2	17,4	G3/8	63,7	135	162	40,2	135	162	87	72,3	153	209	313	79	56	36	64	100
<b>553</b>	-	-	-	-	-	-	-	19,4	G1/2	62,7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**5/2 SPOOL VALVES**

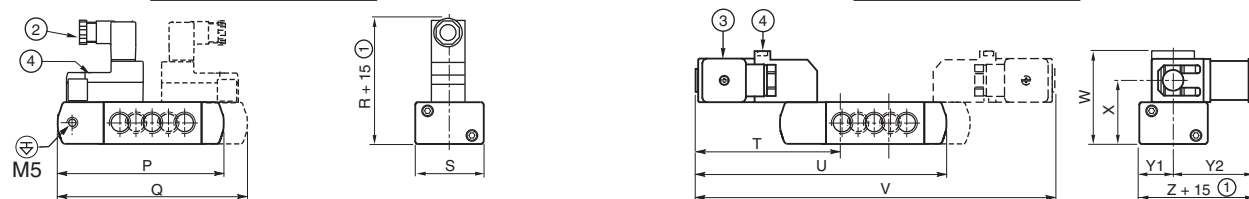


- ① Extra length for disassembly, depending on model
- ② Connector size 15, rotatable by 90°
- ③ Connector size 30, ISO 4400, rotatable by 90°
- ④ Manual operator
- ⑤ Series 551 : 2 mounting holes Ø 5,3 - spotfacing Ø 9, depth 5
- ⑥ Series 552-553 : 2 mounting holes Ø 6,5 - spotfacing Ø 11, depth 6

series	weight 5/2			
	pilot 630		pilot 374	
	monost.	bistable	monost.	bistable
<b>551</b>	0,51	0,56	0,75	1,04
<b>552</b>	1,25	2,33	1,49	2,81
<b>553</b>	1,15	2,23	1,39	2,71

With pilot 630

With pilot 374



series	A1	A2	B1	B2	C	D	E	F	ØG	H	J	K	L	M1	M2	N	P	Q	R	S	T	U	V	W	X	Y1	Y2	Z
<b>551</b>	32	-	51	-	32	45	20,5	20,5	G1/4	72	125	146	27,5	22	-	125	146	75	45	126	200	296	66	43	22,5	64	86,5	
<b>552</b>	-	43	-	78,5	51	72,3	29,6	29,7	G3/8	93,5	162	189	40,2	-	29,6	76	162	189	87	72,3	125	237	340	79	56	36	64	100
<b>553</b>	-	-	-	-	-	-	31,6	31,8	G1/2	94,5	-	-	-	-	31,6	75	-	-	-	-	-	-	-	-	-	-	-	-

All leaflets are available on: [www.asconumatics.eu](http://www.asconumatics.eu)