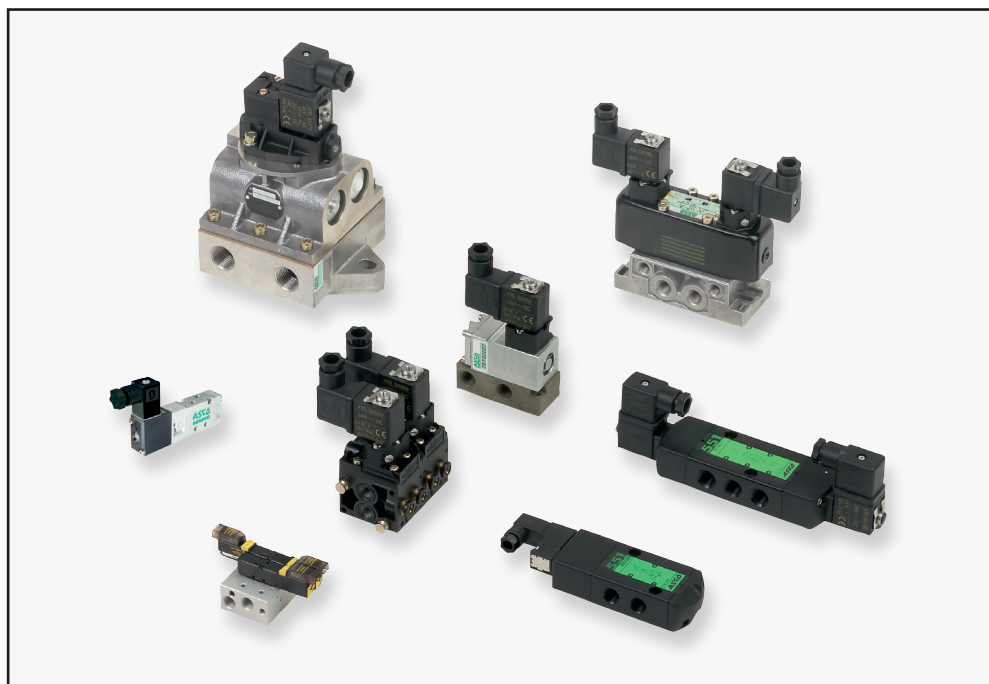


# SOLENOID AIR OPERATED POPPET VALVES AND SPOOL VALVES

## Product Index



ISO 5599-1 standards	ports/positions	function	pipe connections											valve technology	stainless steel screws	max. pressure (bar)	flow at 6 bar l/min (ANR)	solenoid pilot valve	Type	Illustration	Series	Page	
			instant fittings O.D. (mm)	internal thread ØG	pad mount	pad mount, CNOMO size 15	pad mount, CNOMO size 30	ØG	1	1 1/4	1 1/2	⊥											
<b>Poppet valves <sup>(1)</sup></b>																							
	3/2	●													⊥	rubber packed	10	700 1750	☐	DM		<a href="#">261</a> <a href="#">262</a>	<a href="#">13</a>
	3/2	● ●													⊥	rubber packed	12	4500 35000	☐	DH		<a href="#">284</a> <a href="#">285</a> <a href="#">286</a>	<a href="#">15</a>
	3/2	●													⊥	rubber packed	12	3000 31500	☐	DP		<a href="#">266</a> <a href="#">267</a> <a href="#">268</a>	<a href="#">17</a>
ISO	3/2	● ●													⊥	rubber packed	10	5675	☐	pilot (190 series) ISO 3		<a href="#">G34</a>	<a href="#">19</a>
	4/2														⊥	rubber packed	10	210 840	☐			<a href="#">263</a> <a href="#">264</a>	<a href="#">21</a>
	4/2														⊥	rubber packed	10	700 1750	☐	DM		<a href="#">261</a> <a href="#">262</a>	<a href="#">23</a>
	4/2														⊥	rubber packed	12	3000 31500	☐	DP		<a href="#">266</a> <a href="#">267</a> <a href="#">268</a>	<a href="#">25</a>
<b>Spool valves <sup>(1)</sup></b>																							
	3/2	● ●													⊥	rubber packed	8	100	integrated pilot	Micro 10		<a href="#">518</a>	<a href="#">27</a>
	5/2													⊥	rubber packed	8	100						
	5/3													⊥	rubber packed	8	80						
	3/2	●													⊥	rubber packed	8	400	integrated pilot	Mini-spool valve		<a href="#">520</a>	<a href="#">31</a>

<sup>(1)</sup> See "COILS AND ACCESSORIES" on [www.asco.com](http://www.asco.com)

ISO 5599-1 standards	ports/positions	function	pipe connections											valve technology	stainless steel screws	max. pressure (bar)	flow at 6 bar l/min (ANR)	solenoid pilot valve	Type	Illustration	Series	Page	
			ØG	ØG	ØG	ØG	ØG	ØG	ØG	ØG	ØG	ØG	ØG										ØG
<b>Spool valves <sup>(1)</sup></b>																							
5/2 5/3														⊥	rubber packed	8	175 600 1050	integrated pilot	Mini-spool valve		<a href="#">519</a> <a href="#">520</a> <a href="#">521</a>	<a href="#">34</a>	
																			Joinable subbases: 519-520-521		<a href="#">355</a>	<a href="#">36</a>	
																			519		<a href="#">355</a>	<a href="#">37</a>	
5/2 5/3															spool & sleeve	10	1090 1860	integrated pilot			<a href="#">L1</a> <a href="#">L2</a>	<a href="#">39</a> <a href="#">41</a>	
5/2															spool & sleeve	7	500				<a href="#">92280</a>	<a href="#">45</a>	
3/2 5/2 5/3	●														rubber packed	10	860				<a href="#">551</a> <a href="#">551</a>	<a href="#">1</a> <a href="#">47</a>	
3/2 5/2 5/3	●														rubber packed	● 10 ●	860/3800 860 860/3800 860	integrated pilot	High reliability in humid exterior environments		<a href="#">551/553</a> <a href="#">551</a> <a href="#">551/553</a> <a href="#">551</a>	<a href="#">5</a> <a href="#">3</a> <a href="#">51</a> <a href="#">49</a>	
3/2 5/2	●														rubber packed	10	860/3800		M12 C115	pilot (302 series)		<a href="#">551</a> <a href="#">553</a> <a href="#">551</a> <a href="#">553</a>	<a href="#">7</a> <a href="#">53</a>
3/2 5/2	●														rubber packed	10	860/3800		C115	pilot (630 series)		<a href="#">551</a> <a href="#">553</a>	<a href="#">55</a>
3/2-5/2 5/3	●													⊥		10	700/3000	integrated pilot	NAMUR		<a href="#">551/553</a>	<a href="#">57</a>	
3/2-5/2														⊥	rubber packed	●	700				<a href="#">551</a>	<a href="#">61</a>	
3/2-5/2	●													⊥		10	700/3000		M12 C115	pilot (302 series)		<a href="#">551</a> <a href="#">553</a>	<a href="#">59</a>

<sup>(1)</sup> See "COILS AND ACCESSORIES" on [www.asco.com](http://www.asco.com)

standards		ports/positions	function	pipe connections										valve technology	stainless steel screws	max. pressure (bar)	flow at 6 bar l/min (ANR)	solenoid pilot valve	Type	Illustration	Series	Page
VDMA/ISO15407-1	ISO 15407-2			ISO 5599-1	- instant fittings O.D. (mm) - internal thread ØG - pad mount - pad mount, CNOMO size 15 - pad mount, CNOMO size 30 - NAMUR interface ØG																	
<b>Spool valves <sup>(1)</sup></b>																						
VDMA		5/2 5/3															integrated pilot	ISO02		<a href="#">CL18</a>	<b>65</b>	
ISO		2x3/2 5/2 5/3	● ●														M12	ISO 15407-1 (18 mm)		<a href="#">502</a>	<b>64</b>	
																		ISO 15407-1 (26 mm)		<a href="#">503</a>		
ISO		2x3/2 5/2 5/3															M12 subbases	ISO 15407-2 (18 mm)		<a href="#">502</a>		
																		ISO 15407-2 (26 mm)		<a href="#">503</a>		
ISO		5/2																ISO1 Compact		<a href="#">541</a>	<b>69</b>	
ISO		5/2 5/3																1400		<a href="#">541</a> (ATEX)	<b>75</b> <b>77</b> (ATEX)	
																		2800		<a href="#">542</a> (ATEX)		
																		4200		<a href="#">543</a> (ATEX)		
Subbases																				<a href="#">355</a>	<b>81</b>	
ISO		5/2 5/3																1200		<a href="#">503</a>	<b>79</b>	
																		2800		<a href="#">542</a>		
																		4200		<a href="#">543</a>		
ISO		5/2 5/3																1400		<a href="#">C12</a>	<b>93</b>	
																		2400		<a href="#">C23</a>		
																		4800		<a href="#">C34</a>		
ISO		5/2 5/3																1400		<a href="#">C12</a>	<b>95</b>	
																		2400		<a href="#">C23</a>		
ISO		5/2 5/3																6300/ 7000		<a href="#">544</a>	<b>99</b>	
<b>Accessories</b>																						
Supply rail for mounting of monostable/bistable spool valves (1/4 - 3/8 - 1/2)																			<a href="#">881</a>	<b>9</b>		
Supply rail with pressure isolation valves for mounting of monostable/bistable spool valves (1/4)																			<a href="#">881</a>	<b>11</b>		
Padlockable pressure isolating plate																		ISO 5599/1 size 1		<a href="#">881</a>	<b>91</b>	
<b>Coils and solenoid operators</b>																						
																			400 430	<b>IV</b>		

<sup>(1)</sup> See "COILS AND ACCESSORIES" on [www.asco.com](http://www.asco.com)

## COIL CHARACTERISTICS

All coils are designed to operate at 15% or 10% below the nominal voltage (Un) and at 10% above the nominal voltage (Un). [Applicable standards: IEC 335, EN 60730- 1, UL 429]

The coils are rated for continuous duty within the maximum ambient temperature limits (100% ED).

## CATALOGUE NUMBERS OF REPLACEMENT COILS

solenoid valve series	coil type	alternating current , AC (~) 50 Hz					direct current , DC (=)			
		24V	48V	115V	230V	240V	12V	24V	48V	110V
189	C22A - 2,5 W	43004416 (♣)	43004417 (♣)	43004419 (♣)	43004422 (♣)	43004423 (♣)	43004149	43004166	43004167	43004168
	C22 - 2,5 W (M12)	-	-	-	-	-	-	43005523	-	-
551	CM22 <sup>(1)</sup> - 2,5/3W	400127-081 (♣)	400127-085 (♣)	400127-098 (115V/50-120V/60)	400127-097 (♣)	400127-091(♣)	400904-541	400904-542	400904-544	400904-548
553	CM25 <sup>(1)</sup> - 5/5W	400727-181 (♣)	400727-185 (♣)	400727-118 (115V/50)	400727-117 (130V/50)	-	400727-181	400727-185	400727-118	400727-117
190	C25A - 3W	43004469	43004473	43004471	43004472	-	43004469	43004473	43004471	43004472
	C25 - 3 W (M12)	-	-	-	-	-	-	43005525	-	-
192	C30A	43005604 (♣)	43005611	43005617 (115V/50-120V/60)	43005627	-	-	43005642	-	-
	C30 (M12)	-	-	-	-	-	-	43005664	-	-

<sup>(1)</sup> For high reliability in humid exterior environments

(♣)Bifrequency 50/60 Hz.

CM22-2,5/3W COIL with connector Example: series 551	C22 COIL with M12 connection Example: series 189	CM25-5/5W COIL with connector Example: series 553	C25 COIL with M12 connection Example: series 190	C30A COIL with connector Example: series 192	C30 COIL with M12 connector Example: series 192