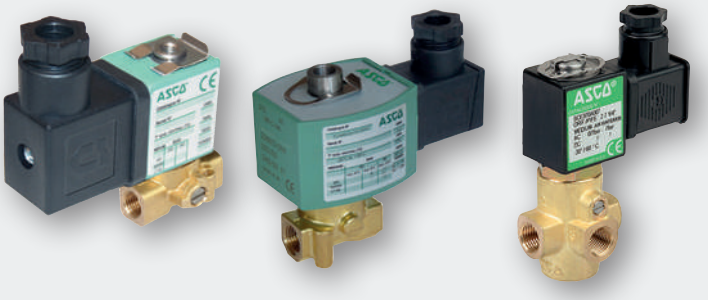
3/2 SOLENOID VALVES

direct operated
brass body, 1/8 - 1/4
stainless steel body, 1/8 - 1/4



	series 356	series 320	series 370	series 314
Fluids	air, inert gas, water, oil			
Differential pressure	refer to selection table			
Fluid temperature (TS)	-10°C to +100°C	-20°C to +90°C	-25°C to +80°C	-25°C to +90°C
Ambient temperature (TS)	-10°C to +60°C	-20°C to +75°C	-25°C to +60°C	-25°C to +55°C
Body	brass/st. steel	brass		brass/st. steel
Sealings	FPM	NBR (nitrile)		NBR (nitrile) or FPM (V00)
Standard voltages DC (=)	24 - 48V			
AC (~)	24 - 48 - 115 - 230V / 50Hz			

- Easy to operate and override using the manual operator
- Compact solution for control of single-acting actuators or filling/draining circuits
- Excellent service life for outdoor applications
- Wide range of flow rates and differential pressures

YOUR SELECTION

pipe size	orifice size	flow coefficient Kv		operating pressure differential (bar) min.	max. air		max. water		max. oil		power		(M)	connector	code G = ISO 228; E = Rp ISO 7/1; B = NPT	standard voltages (V) AC (~) / 50Hz				DC (=)	
		2→1	3→1								~	=				24	48	115	230	24	48
	mm	m³/h	m³/h		~	=	~	=	~	=	W	W									
3/2 NC - brass body																					
1/8	1,2	0,05	0,05	0	15	15	15	15	15	15	4	6,9	×	size 30 (2)	**SCG356B001VMS**	✓		✓	✓	✓	
	1,6	0,08	0,05	0	10	10	10	10	10	10	4	6,9	×		**SCG356B002VMS**	✓			✓	✓	
	2,4	0,13	0,05	0	4	4	4	4	4	4	4	6,9	×		**SCG356B004VMS**	✓	✓	✓	✓	✓	
	1,6	0,08	0,05	0	10	10	10	10	-	-	4	6,9	×		**SCG356B053VMS**	✓	✓	✓	✓	✓	
1/4	1,6	0,08	0,05	0	10	10	10	10	10	10	5	6,9	×		**SCG356B466VMS**		✓			✓	
	2,4	0,16	0,05	0	4	4	4	4	4	4	5	6,9	×		**SCG356B470VMS**		✓			✓	
	2,7	0,2	-	0	10	5	10	5	10	5	8	10,8	×		**SCE370A002**				✓		
		0,2	-	0	10	10	10	10	10	10	10,5	11,2	×		**SCE370A017**	✓		✓	✓	✓	
		0,2	-	0	10	10	10	10	10	10	10,5	11,2	×		**SCE370A017MS**		✓		✓	✓	
		0,2	-	0	10	10	10	10	10	10	10,5	11,2	×		**SCHTE370A017**	✓					
															15-DIGIT PRODUCT CODE (3)						
1/4		0,13	0,17	0	14	10	14	8	13	6	10,1	11,6	×	size 30 (2)	**E314K035S1N00**	FL	FR	FT	F8	F1	F9
		0,13	0,17	0	14	10	14	8	13	7	10,1	11,6	●		**E314K035S1N01**	FL	FR	FT	F8	F1	F9
3/2 Universal - FPM seals and poppets - brass body															**15-DIGIT PRODUCT CODE (3)**						
1/4	3,2	0,22	0,17	0	4,5	3,5	4,5	3	2,5	3	10,1	11,6	×	size 30 (2)	**E314K008S1V00**	FL	FR	FT	F8	F1	F9
3/2 NO - brass body																					
1/8	1,6	0,096	0,05	0	8,5	8,5	8,5	8,5	8,5	8,5	4	6,9	×	size 30 (2)	**SCG356B006VMS**	✓	✓	✓	✓	✓	
1/4	2	0,11	-	0	10	10	10	10	10	10	10,5	11,2	×		**SCE370A021MS**			✓		✓	
															15-DIGIT PRODUCT CODE (3)						
1/4	3,2	0,22	0,17	0	11	10	11	10	11	8	10,1	11,6	×	size 30 (2)	**E314K054S1N00**	FL	FR	FT	F8	F1	F9
		0,22	0,17	0	11	10	11	10	11	8	10,1	11,6	●		**E314K054S1N01**	FL	FR	FT	F8	F1	F9
3/2 NC - stainless steel body																					
															15-DIGIT PRODUCT CODE (3)						
1/4	1,2	0,04	0,05	0	20	17	20	17	20	17	10,1	11,6	×	size 30 (2)	**E314K068S1V00**	FL	FR	FT	F8	F1	F9

(M) Manual operator × : without ● : with (1) DIN 43650, 11 mm, industry standard B (2) ISO 4400 / EN 175301-803, form A

(3) Ordering example: add the 2 digits for the voltage at the end of the 15-digit code: E314K035S1N00**F1** (24V DC)

Other type of connectors available:

. Connector with LED and electrical protection, change S1 to S2 on positions 9 and 10 of the code: Ordering example: E314K035**S2**N00F1

. Connector with LED and protection by Transil + 5 m lead, change S1 to S3 on positions 9 and 10 of the code: Ordering example: E314K035**S3**N00F1

. Connector with LED and protection by Transil + 5 m CNOMO lead resistant to cutting fluid, change S1 to S4 on positions 9 and 10 of the code: Ordering example: E314K035**S4**N00F1

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OPTIONS AND ACCESSORIES

Connector with integrated electrical indication and protection or cable of 2m (see page 103)

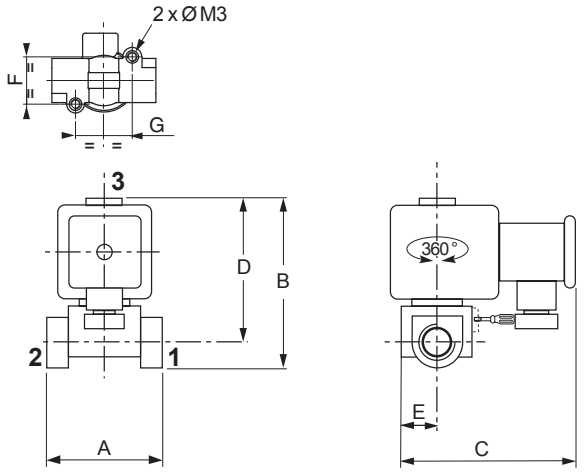


Replacement coils (see page 104)



DIMENSIONS

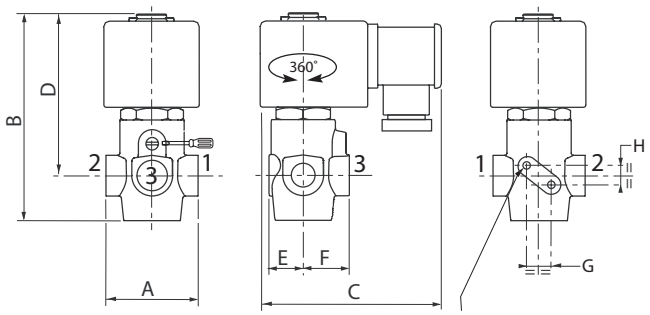
3/2 Solenoid valves, series 356



code	pipe size	A	B	C	D	E	F	G	➡
3/2 NC									
SCG356B001VMS	1/8	33	53	59	46	15	15	18	2➡1
SCG356B002VMS									
SCG356B004VMS									
SCG356B053VMS									
SCG356B466VMS	1/4	40	57	72	48	15	21	18	2➡1
SCG356B470VMS									
3/2 NO									
SCG356B006VMS	1/8	33	53	59	46	15	15	18	3➡1

➡ flow direction

3/2 Solenoid valves, series 370

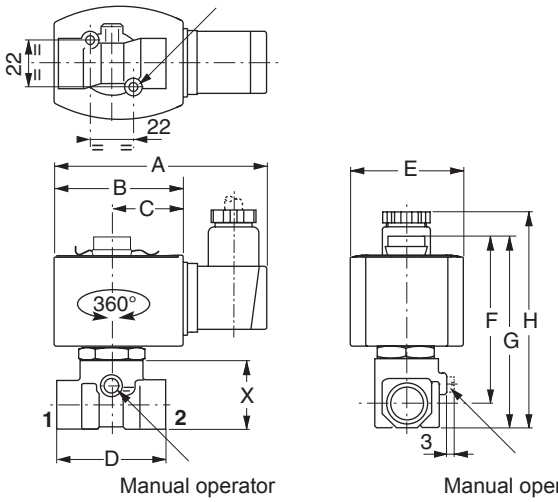


code	A	B	C	D	E	F	G	H	➡
3/2 NC									
SCE370A002	43	97	71	76	15,5	21,5	11,2	9,4	2➡1
SCE370A017									
SCE370A017MS	43	97	86	76	15,5	21,5	11,2	9,4	2➡1
SCHTE370A017									

2 mounting holes M4 dia., depth 7 mm

3/2 Solenoid valves, series 314

2 mounting holes M5 dia., depth 6 mm.



Manual operator Manual operator

code	A	B	C	D	E	F	G	H	X	➡
E314K035S1N00										2➡1
E314K035S1N01										
E314K008S1V00	97	59	34	40	50	73	82	96	30	-
E314K054S1N00										3➡1
E314K054S1N01										
E314K068S1V00										2➡1

➡ flow direction

2013/R01
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