- Wide range of flow and pressure ratings
- Quick disassembly of core tube for easy maintenance of internal parts
- Standard disc seal made of NBR, FPM, EPDM suitable for a wide range of operating temperatures and compatible with many fluids
- AC/DC interchangeability of the solenoid without disassembly of the valve
- UL429 and EN 60335 certified
- NSF 169 and EC 1935 / 2004 certified see "15-DIGIT PRODUCT CODE"
- Compact and low weight valve
- The solenoid valves satisfy all relevant EU and EAC directives

General

Differential pressure See «SPECIFICATIONS» [1 bar = 100 kPa] Ambient temperature range -10°C to +60°C (14°F to 140°F)

40 cSt (mm²/s) **Maximum viscosity** Response time 10 - 20 ms

response time		
fluids (∗)	temperature range (TS) (1)	seal materials (*)
air, inert gas, water, oil hot water and low pressure steam	0°C to +130°C (32°F to 266°F)	FPM (fluoroelastomer)
air, inert gas, water, hot water (push-in connection only)	0°C to +90°C (32°F to 194°F)	FPM (fluoroelastomer) EPDM (ethylene propylene diene monomer)
air, inert gas, water hot water and low pressure steam	-10°C to +140°C (14°F to 284°F)	EPDM (ethylene propylene diene monomer)
air, inert gas, water, oil	-10°C to +90°C (14°F to 194°F)	NBR (nitrile)

Materials in contact with fluid

(*) Ensure that the compatibility of the fluids in contact with the materials is verified

Composite (PPS) **Body** Shatding coil Copper Stainless steel Core tube Core and plugnut Stainless steel **Springs** Stainless steel FPM or EPDM or NBR Seal

Electrical characteristics

Coil insulation class F (H - approval pending)

Connector Spade plug (cable Ø 6-8 mm or Ø 6-10 mm) **Connector specification** DIN 43650, 11 mm, industry standard B (type 01) or ISO 4400 / EN 175301-803, form A (type 02)

Electrical safety

Electrical enclosure protection Moulded IP67 (EN 60529) with plug-connector

Standard voltages DC (=): 12 - 24V (+10% -5%)

AC (~): 24V/50-60 Hz - 110V/50 Hz (120 V/60Hz) (Other voltages and

230V/50-60 Hz (+10% -15%) frequencies on request)

operator		power r	atings	replacement coil						
ambient temperature	hold	ling	hot/cold	,	-	=	Туре			
range (TS)	_	-	=	120 V/60 Hz,	230 V	24 V DC	турс			
°C (°F)	(VA)	(W)	(W)	110 V/50 Hz	/50-60 Hz	24 V DC				
-10 to +60 (14 to 140)	4.5	3	3.5	533534-024	533534-003	533534-001	01			

Options

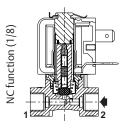
- NSF 169, EC 1935 / 2004 approval, EPDM/FPM disc and seal (Food Grade)
- (*) Ensure that the compatibility of the fluids in contact with the materials is verified.
- The minimum ambient temperature of the solenoid valve is determined by the limitations of minimum temperature indicated.

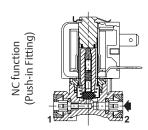




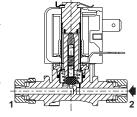










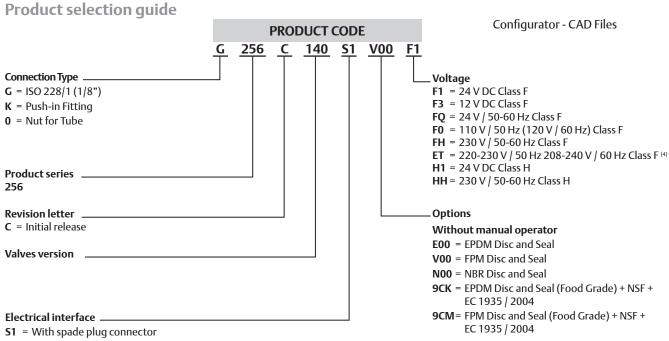


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ASCO™ Solenoid Valves

Specification	S (1)														15-D	IGIT F	ROD	UCT	CODE	Ε				
		flow SZ S coefficient Kv			operating pressure differential										options		voltage code			į				
Ze	ifice ize				bar (psi)						_ S e			_		lual	_	Hz	z Hz)	Hz				
pipe size	or s					1	max. (PS)			power (W)			ons	composite	manual	nua	09-0							
ig.	mm	m³/h		┨.	air	(*) 	wate	er (*)	OII	(*)			ad a	ensi		out	with manual operator	N/5	5/2	/20	DC/	V/DC		
	mm (in)	(Cv)	(l/min)	E,	~	=	~	=	~	=	~	=	thread type	dimensions type (2)		without operator		230 V/50-60	110 V/50 H (120 V / 60	24 V/50-60	12 V/DC	24 V		
NC - Normally c	losed,				eal (3)																			
1/0	1.6 (1/16)	0.066 (0.07)	1.10	0	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	3	3.5	G	01	G256C140S1	1/00	V/00	V00		FH	FO	F0	F2	F1
1/8	2 (5/64)	0.08 (0.09)	1.33	0	10 (145)	5.6 (81)	10 (145)	5.6 (81)	10 (145)	5.6 (81)	3	3.5	G	01	G256C141S1	VUU	-	гп	FU	FQ	F3	FI		
push-in fitting	1.6 (1/16)	0.066 (0.07)	1.10	0	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	3	3.5	-	01	K256C140S1	V00		FH	FO	EO	ED	E1		
push-in fitting	2 (5/64)	0.08 (0.09)	1.33	0	10 (145)	5.6 (81)	10 (145)	5.6 (81)	10 (145)	5.6 (81)	3	3.5	-	01	K256C141S1	VUU	-	rn	ΓU	FQ	гэ	F 1		
nut for tube	1.6 (1/16)	0.066 (0.07)	1.10	0	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	10 (145)	3	3.5	-	01	0256C140S1	V00	_	FH	FO	FQ	ES	E1		
nut for tube	2 (5/64)	0.08 (0.09)	1.33	0	10 (145)	5.6 (81)	10 (145)	5.6 (81)	10 (145)	5.6 (81)	3	3.5	-	01	0256C141S1	V00	-	гп	FU	ΓŲ	1.3	FI		

⁽¹⁾ All performances are referred to Ambient Temperature = +60°C.



SO = Without spade plug connector

L0 = Leaded coil (All versions, 500 mm cable length)

⁽²⁾ For dimensions, see drawing(s) for each construction type on the following page(s).

⁽³⁾ Low pressure steam: FPM and EPDM sealings PS max. 1.9 bar (max. fluid temperature 120°C).

- The solenoid valves can be mounted in any position without affecting operation
- Solenoid valves have 2 mounting holes in body
- Thread connection "G" applicable for 1/8, have standard thread according to ISO 228/1
- Push-in version: For tube 4 mm dia.
- Nut for tube: Tube 4 mm ID / 6 mm OD
- Installation/maintenance instructions are included with each valve

Dimensions mm (inches), **Weight** kg (Lbs)

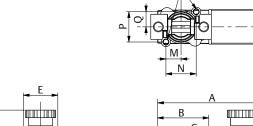


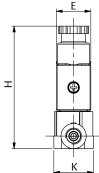
Configurator - CAD Files

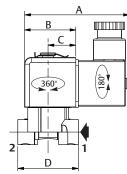


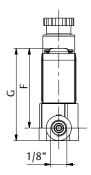
TYPE 01 Electrical interface "S1" Coil size 20 mm - Thermoplactic moulded IEC 335 / DIN 43650 IP67

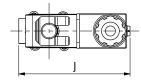
NC (1/8"): G256C140 and 141











1) 2 mounting holes:

3.1 dia. through holes (0.12 inch dia.)

size 20		Α	В	С	D	E	F	G	Н	J	K	M	N	Р	Q	weigh	t (1)
G256C140 / G256C141	mm	61.9	30.5	16.5	36	20.5	47.4	54	72.9	66.2	23.5	9	18	9	18	0.093	kg
G230C140 / G230C141	(in)	2.44	1.20	0.65	1.4	0.8	1.86	2.16	2.87	2.60	0.92	0.35	0.71	0.35	0.71	0.20	(Lbs)

⁽¹⁾ Incl. coil(s) and connector(s).

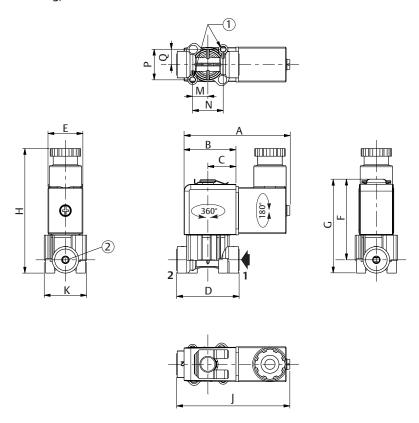
ASCO™ Solenoid Valves

Dimensions mm (inches), Weight kg (Lbs)



Configurator - CAD Files

NC (push-in fitting): K256C140 and 141



- 1 2 mounting holes:
 - 3.2 dia. through holes (0.12 inch dia.)
- 2 Hose, 2 mm ID (0.078 inch ID)

size 20		Α	В	С	D	E	F	G	Н	J	K	M	N	Р	Q	weigh	nt (1)
K256C140 / K256C141	mm	61.9	30.5	16.5	36.7	20.5	47.4	52.2	73.2	66.5	25	9	18	9	18	0.093	kg
K256C140 / K256C141	(in)	2.44	1 20	0.65	1 44	0.80	1 86	2.05	2 88	2 61	0.98	0.35	0.71	0.35	0.71	0.20	(Lbs)

⁽¹⁾ Incl. coil(s) and connector(s).

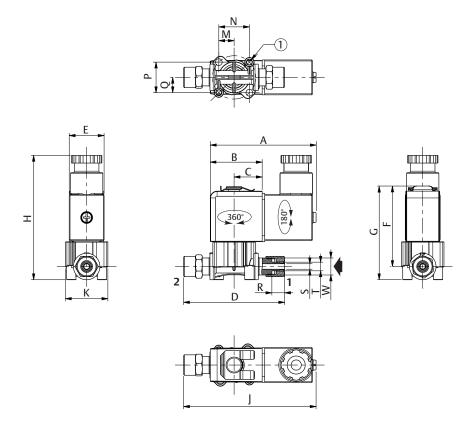
ASCO™ Solenoid Valves

Dimensions mm (inches), **Weight** kg (Lbs) ☐



Configurator - CAD Files

NC (nut for tube): 0256C140 and 141



1 2 mounting holes:

3.2 dia. through holes (0.12 inch dia.)

size 20		Α	В	С	D	E	F	G	Н	J	K	M	N	Р	Q
02566140/141	mm	61.9	30.5	16.5	59.4	20.5	47.3	50	73.1	77.9	24.95	9	18	9	18
0256C140/141	(in)	2.44	1.20	0.65	2.33	0.81	1.86	1.97	2.87	3.06	0.98	0.35	0.71	0.35	0.71

	R	øs	ØΤ	øw	weigh	nt (1)	
0256C140/141	mm	7.5	3.2	5.1	M10x1	0.092	kg
0236C140/141	(in)	0.29	0.12	2	3/8x1	0.2	(Lbs)

⁽¹⁾ Incl. coil(s) and connector(s).