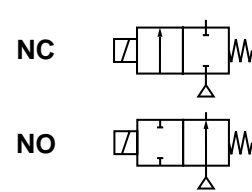


SOLENOID VALVES

direct operated
for hot water/steam applications
3/8 to 3/4



FEATURES

- Straight through slide-disc design
- Guillotine type disc will ensure a minimal pressure drop and reduce turbulence
- The solenoid valves are constructed packless with a one-piece deepdrawn stainless steel core tube ensuring safe isolation of electrical and wetted moving parts
- The valves have forged brass bodies, compact design, to minimize heat radiation loss
- The solenoid valves satisfy all relevant EC directives

GENERAL

Differential pressure 0 - 2 bar [1 bar = 100 kPa]
Response times 20 - 40 ms

fluids (*)	temperature range (TS)	seat / slide disc (*)
hot water and steam	-20 to +135°C	PTFE

MATERIALS IN CONTACT WITH FLUID

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

Body	Brass
Core tube	Stainless steel
Core and plugnut	Stainless steel
Springs	Stainless steel
Seat	PTFE reinforced
Seals	FPM
Slide	Stainless steel
Slide Disc	PTFE
Shading coil	Copper

ELECTRICAL CHARACTERISTICS

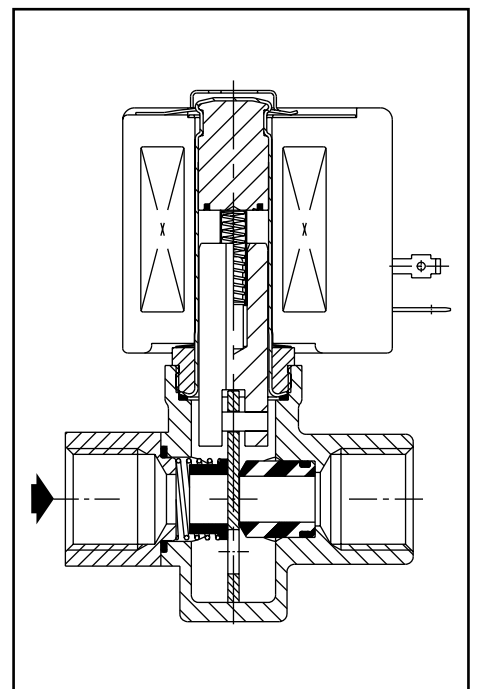
Coil insulation class	F
Connector	Spade plug (cable Ø 6-10 mm)
Connector specification	ISO 4400 / EN 175301-803, form A
Electrical safety	IEC 335
Standard voltages	DC (=) : not available AC (~) : 24V - 115V - 230V / 50 Hz

coil type	power ratings				ambient temperature range (TS) (°C)	protection
	inrush ~ (VA)	holding ~ (W)		= (W)		
		(VA)	(W)			
CM12-FT	110	33,6	15,4	-	-20 to +40	moulded IP65

SPECIFICATIONS

pipe size	orifice size (mm)	flow coefficient Kv (m³/h) (l/min)		operating pressure differential (bar)			max. fluid temp. (°C)	coil type	catalogue number
				min.	maximum (PS)				
					steam (*)	water (1)(*)			
NC - Normally Closed, FPM seals, PTFE slide-discs									
Rp 3/8	9,5	4,4	73,3	0	2	2	135	CM12-FT	SCE267B003
Rp 1/2	9,5	3,9	65,0	0	2	2	135	CM12-FT	SCE267B007
NPT 3/4	12,7	8,3	138,3	0	1	1	120	CM12-FT	SCB267C019
NO - Normally Open, FPM seals, PTFE slide-discs									
Rp 3/8	9,5	4,4	73,3	0	2	2	135	CM12-FT	SCE267B011
Rp 1/2	9,5	3,9	65,0	0	2	2	135	CM12-FT	SCE267B015

(1) Water temperature should not exceed 100°C.



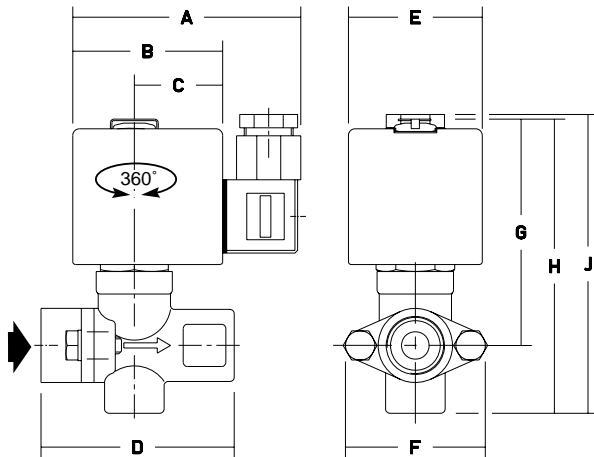
OPTIONS

- Watertight enclosure with embedded screw terminal coil and Pg 13,5 cable gland to meet CEE-10 (IP67)
- Solenoid head "CSA" approved. Coils according to "CSA/SA" standards
- Compliance with "UL" and "CSA" standards
- Plug with visual indication and peak voltage suppression or with 2m cable length

INSTALLATION

- The solenoid valves must be mounted vertical and upright
- Pipe thread identifier are: E = Rp (ISO 7/1) and B = NPT (ANSI 1.20.3)
- The third digit in the catalogue number indicates the standard pipe connection
- Other pipe connections are available on request
- Installation/maintenance instructions are included with each valve
- Spare Parts Kit and replacement coils are available

DIMENSIONS (mm), WEIGHT (kg)



catalogue number SCE267	A	B	C	D	E	F	G	H	J	weight (1)
SCE267B003-B007-B011-B015	86	56	33	72	50	52	85	110	115	1,4
SCB267C019	86	56	33	78	50	59	101	126	131	1,7

(1) Approx. weight in kg incl. coil and connector

All leaflets are available on: www.ascojouiomatic.com