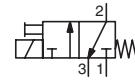




SOLENOID VALVES

ISO 15218 (CNOMO, size 30) interface
direct operated, pad mounting body
subbases for instant fittings or 1/8 thread

NC



3/2
Series
190

FEATURES

- CNOMO pad-mount version for valve piloting applications
- Compact size and low weight for easy installation on single or joinable subbases
- AC/DC interchangeability of the solenoid operator without any need for disassembly of the valve
- Version with M12 connection with visual indication and peak voltage suppression conforming to "UL" standards
- Flexible installation on joinable subbases
- Manual operator as standard
- The solenoid valves satisfy all relevant EU directives

GENERAL

Differential pressure See "SPECIFICATIONS" [1 bar =100 kPa]
Maximum allowable pressure 16 bar
Response time 5 ms

fluids (*)	temperature range (TS)	seal materials (*)
air, inert gas	- 10°C to + 60°C	NBR (nitrile)

MATERIALS IN CONTACT WITH FLUID

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

Body	PA, glass-filled
Core tube	Stainless steel
Core and plugnut	Stainless steel
Internal parts, springs	Stainless steel
Seals	NBR
Shading coil	Copper

CONSTRUCTION

Mounting pad ISO 15218 (CNOMO 06-05-80 / NF E 49066, size 30)

ELECTRICAL CHARACTERISTICS

Coil insulation class F
Connector Spade plug (cable Ø 6-10 mm) or M12
Connector specification ISO 4400 / EN 175301-803, form A or CNOMO E03.62.520.N (M12)

Electrical safety IEC 335
Electrical enclosure protection Moulded IP65 (EN 60529)
Standard voltages DC (=): 24V - 48V (M12: 24V + LED and protection)
AC (~): 24V - 48V - 115V - 230V / 50 Hz
(Other voltages and 60 Hz on request)

-	power ratings				operator ambient temperature range (TS) (C°)	replacement coil		type ⁽¹⁾
	inrush	holding	hot/cold	~		=		
	(VA)	(VA)	(W)				(W)	
-	9	4	3	3 / 3	-10 to + 60	230 V/50 Hz	24 V DC	01
-	-	-	-	-	-	43004472	43004473	06
-	-	-	-	-	-	-	43005525	06

⁽¹⁾ Refer to the dimensional drawings on the following page.

SPECIFICATIONS

pipe size	orifice size		flow at 6 bar		flow coefficient		operating pressure differential (bar)			power coil (W)		catalogue number															
	1 → 2		2 → 3		1 → 2		2 → 3		min.	max. (PS)		without man. operator	with man. operator	maintained man. operator	impulse man. operator	button man. operator	with connector	without connector	M12 connection								
	(mm)	(mm)	(l/min)	(ANR)	(l/min)	(l/min)	(l/min)	(l/min)		~	=									~	=	~/=	~/=	=			
NC - Normally closed																											
pad mounting ⁽²⁾	1,6	1,5	70	84	1	1,2	0	10	10	3	3	×	●	▼	■	19000005	19000013	19000043	19000006	19000014	19000044	19000017	19000018	19000046	19000008	19000016	19000045

SUBBASES

pipe size	designation	composition	catalogue number
6/6 polyamide subbases			
instant fittings ⁽³⁾	single subbase (instant fittings OD 4 mm)		35300069
	joinable subbase (instant fittings OD 4 mm)		35300070
	set of 2 joinable end subbases, right-hand pressure intake, endpieces with instant fittings OD 6 mm		35300071
	set of 2 joinable end subbases, right-hand and/or left-hand pressure intake, endpieces with instant fittings OD 6 mm		35300072 ⁽⁴⁾
Zamak subbases			
G 1/8 ⁽³⁾ tapped	laterally-connected single subbase		35300047
	laterally-connected joinable subbase		35300048

⁽²⁾ Port 3: M5.

⁽³⁾ These subbases can be mounted on omega rail to EN 50022 using 2 clips (clips sold in packs of 10, catalogue number: 33400036).

⁽⁴⁾ The equipment can be used for two different pressure intakes, supplied with one blanking plug to cover unused port.

All leaflets are available on: www.asco.com

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