



FEATURES

- Extremely compact and lightweight pressure-operated valve and solenoid pilot valve unit
- Ready-for-use solution (pre-assembled unit)
- Easy maintenance due to standard ISO 15218 mounting pad (CNOMO size 15 mm)
- Quick installation with coupling-type pilot supply connection (2,7/4 mm or 4/6 mm)
- Easy operation with manual operator on solenoid pilot valve
- Large choice of series 302 solenoid pilot valves with standard mounting pads
- Low 2 W power consumption
- Easy electrical connection (DIN 43650)

GENERAL (VALVE)

Differential pressure	See «SPECIFICATIONS» [1 bar =100 kPa]
Maximum allowable pressure	16 bar
Ambient temperature range	-10°C to +60°C
Maximum viscosity	5000 cSt (mm ² /s)
Pilot fluid	Filtered air
Max. pilot pressure	10 bar
Min. pilot pressure	See following page
Response time	See page V402-7
Pilot mounting pad	ISO 15218 (CNOMO E06.36.120N, size 15)

valve	fluids (*)	fluid temperature range (TS)	disc seal (*)
series 290	air and gas group 1 & 2 water, oil, liquids groups 1 & 2 and steam	- 10°C to + 184°C	PTFE

pilot	fluids (*)	pilot fluid temperature range (TS)	seal materials (*)
series 302	air, filtered at 50 µm	- 10°C to + 40°C	NBR (nitrile), FPM (fluoroelastomer)

MATERIALS IN CONTACT WITH FLUID

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

	Valve	302 pilot
Body	St. steel, AISI 316L	PAA
Stuffing box housing	St. steel, AISI 316L	-
Stem	Stainless steel	-
Disc	Stainless steel	-
Stuffing box seal	PTFE chevrons	-
Wiper seal	FPM	-
Disc seal	PTFE	-
Valve body seal	PTFE	-
Pilot internal parts	-	POM, PET, st. steel and brass
Pneumatic mounting pad seal	NBR	-

OTHER MATERIALS AND CONSTRUCTION

32 mm operator	Glass fibre filled PA	-
Inlet pilot port	Instant fitting 2,7/4 mm or 4/6 mm	-
Pilot support plate	Aluminium	-
302 pilot orifice size	-	1,1 mm

ELECTRICAL CHARACTERISTICS OF 302 PILOT

Coil insulation class	F
Connector	Spade plug (cable Ø 4-6 mm)
Connector specification	DIN 43650, 9,4 mm, form C
Electrical safety	IEC 335
Electrical enclosure protection	Moulded IP65 (EN 60529)
Standard voltages	DC (=): 24V
(Other voltages and 60 Hz on request)	AC (~): 230V / 50 Hz

prefix option	power ratings				operator ambient temperature range (TS) (C°)	voltage		type ⁽¹⁾
	inrush		holding			~	=	
	(VA)	(W)	(VA)	(W)		230 V/50 Hz	24 V DC	
CFSC	2,1	1,6	1,5	-	-10 to + 60	230	-	01
	-	-	-	2/2,65	-10 to + 50	-	24	

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



NC valve with 32 mm operator + 302 pilot

