

# AM.3.UP... / AM.3.UP1... MODULAR PILOT OPERATED CHECK VALVES CETOP 3



**AM.3.UP / AM.3.UP1...**

SCREWS AND STUDS

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AM.3.UP type modular check valves allow free flow in one direction by raising a conical seated poppet valve, while in the opposite direction the fluid can return by means of a small piston piloted by the other line pressure (piloted side).

They are available on single A or B lines, and double A and B lines (see hydraulic symbols).

A pre-opening version is also available (AM3UP1..).

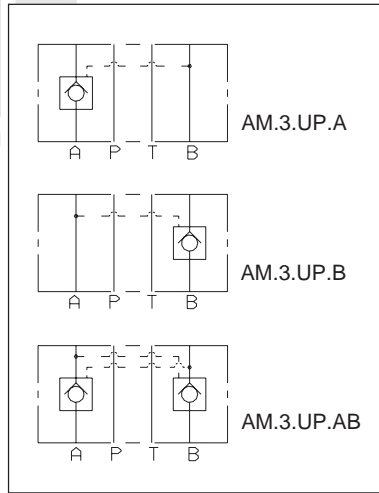
Max. operating pressure	350 bar
Minimum opening pressure spring 1	1 bar
Minimum opening pressure spring 5	5 bar
Piloting ratio AM.3.UP	1:4
Piloting ratio AM.3.UP1	1:12,5
Max. flow	40 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm <sup>2</sup> /s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Weight	1 Kg

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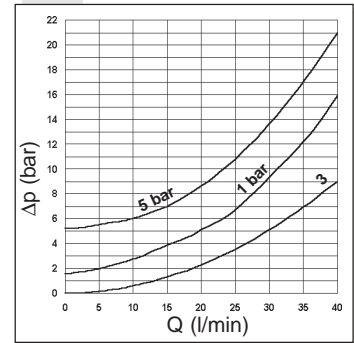
### ORDERING CODE

<b>AM</b>	Modular valve
<b>3</b>	CETOP 3/NG6
<b>**</b>	<b>UP</b> = Piloted check valve <b>UP1</b> = With pre-opening
<b>**</b>	Control on lines <b>A / B / AB</b>
<b>*</b>	Minimum opening pressure <b>1</b> = 1 bar <b>5</b> = 5 bar
<b>**</b>	<b>00</b> = No variant <b>V1</b> = Viton
<b>3</b>	Serial No.

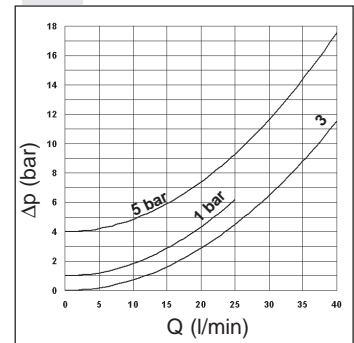
### HYDRAULIC SYMBOLS



### PRESSURE DROPS AM3UP



### PRESSURE DROPS AM3UP1



Curve n. 3 = Piloted side flow

The fluid used is a mineral oil with a viscosity of 46 mm<sup>2</sup>/s at 40°C. The tests have been carried out at a fluid temperature of 50°C.

### OVERALL DIMENSIONS

