AM5UP... MODULAR
PILOT OPERATED CHECK VALVES CETOP 5



AM5UP...

SCREWS AND STUDS	SECT. D 36

AM5UP type modular check valves allow free flow in one direction by lifting a conical steel seated poppet, while in the opposite direction the fluid can return by means of a small piston piloted by the other line pressure (piloted side).

The cast valve body allows limited pressure drops during the fluid flow through the various P/A/B/T lines.

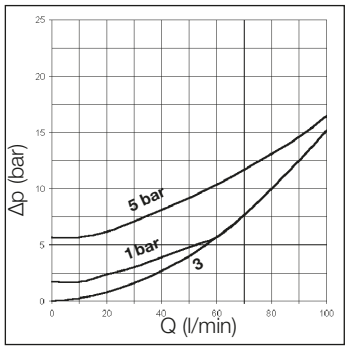
They are available on single A or B lines, and on double A and B lines (see hydraulic symbols).

Max. operating pressure	280 bar
Minimum opening pressure spring 1	1 bar
Minimum opening pressure spring 5	5 bar
Piloting ratio	1 : 14,3
Max. flow	80 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm²/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 $ß_{25} \geq 75$
Weight	2,7 Kg

ORDERING CODE

AM	Modular valve
5	CETOP 5/NG10
UP	Piloted check valve
******	Control on lines **A / B / AB**
*****	Minimum opening pressure **1** = 1 bar **5** = 5 bar
******	**00** = No variant **V1** = FKM
5	Serial No.

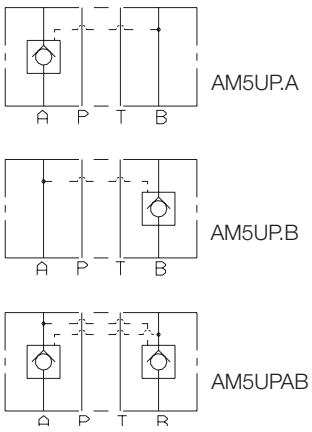
PRESSURE DROPS



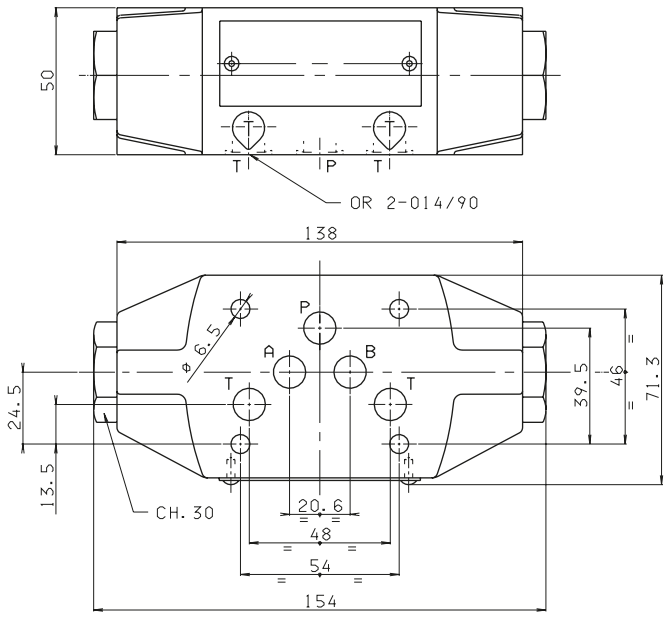
Curve n. 3 = Piloted side flow

The fluid used is a mineral oil with a viscosity of 46 mm²/s at 40°C. The tests have been carried out a fluid temperature of 50°C.

HYDRAULIC SYMBOLS



OVERALL DIMENSIONS



Support plane specifications

