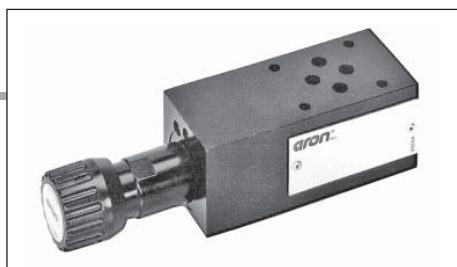


AM3VS... MODULAR SEQUENCING VALVES CETOP 3



AM3VS...

CVS20... BFP CARTRIDGE CATALOGUE
SCREWS AND STUDS CH. IV PAGE 21

The sequence valve are used to assure that a secondary circuit is pressurized when the setting pressure is reached.

These valves grant a minimum variation of the setting pressure with a changing flow up to 40 l/min (see diagram).

Three spring types allow adjustment within the range 7 ÷ 250 bar. Manual adjustment is available by a grub screw or plastic knob.

The cartridge used is the "CVS" type.

Max. operating pressure	350 bar
Setting ranges:	Spring 1 max. 60 bar
	Spring 2 max. 120 bar
	Spring 3 max. 250 bar
Max. flow	40 l/min
Draining on port T	0,5 ÷ 0,7 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm ² /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	1,36 Kg

ORDERING CODE

AM

Modular valve

3

CETOP 3/NG6

VS

Sequencing valve

*

Drain connection

E = External

I = Internal (Standard)

*

Type of adjustment

M = Plastic knob

C = Grub screw

*

Setting ranges

1 = max. 60 bar (white spring)

2 = max. 120 bar (yellow spring)

3 = max. 250 bar (green spring)

**

00 = No variant

V1 = Viton

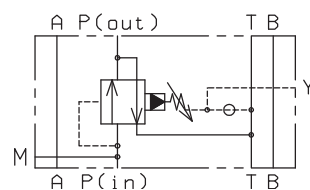
1

Serial No

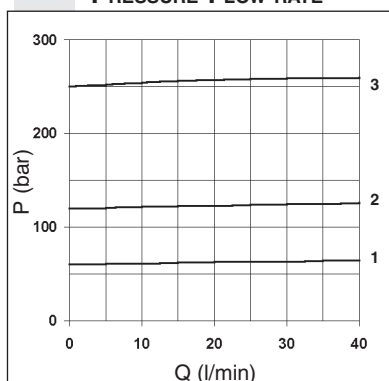
The fluid used is a mineral oil with a viscosity of 46 mm²/s at 40°C. The tests have been carried out at a fluid temperature of 50°C.

Curves n° 1 - 2 - 3 = setting ranges

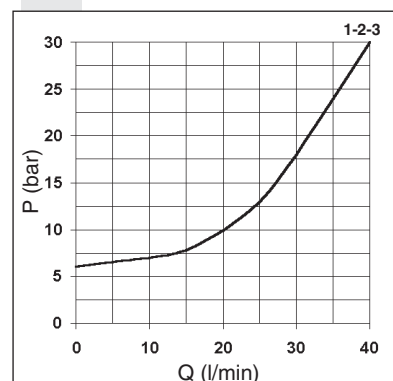
HYDRAULIC SYMBOL



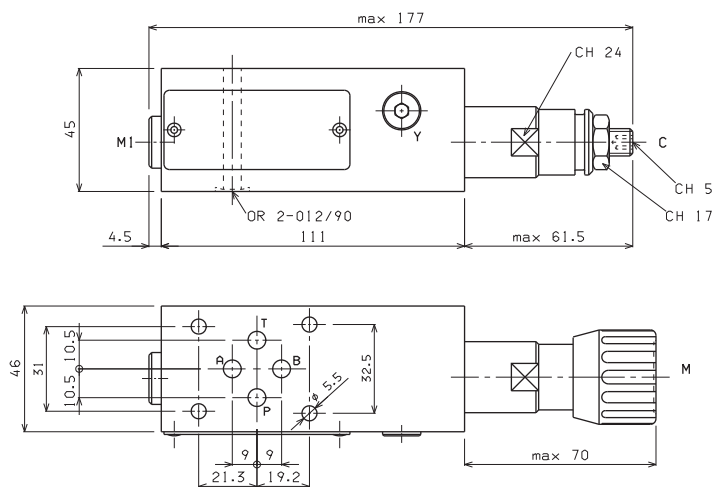
PRESSURE-FLOW RATE



MINIMUM SETTING PRESSURE



OVERALL DIMENSIONS

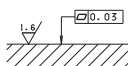


Type of adjustment

M Plastic knob

C Grub screw

Support plane specifications

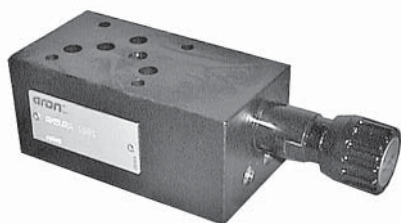


To change valves AM.3.VS... from internal to external drainage it is necessary:

- screw out the plug on the Y port
- screw out the plug T.C.E.I. M8x1 from the body
- screw in a screw S.T.E.I. M6
- rescrew the T.C.E.I. M8x1 plug on the body

NOTE: the external draining can be used as a piloting line (please, contact our Technical Service for other informations)

AM5VS... MODULAR PRESSURE SEQUENCING VALVES CETOP 5



AM5VS...

CVS20... BFP CARTRIDGE CATALOGUE
SCREWS AND STUDS CH. IV PAGE 36

The sequence valve are used to assure that a secondary circuit is pressurized when the setting pressure with a changing flow to up 90 l/min (see diagram).

Three spring types allow adjustment within the range 7 ÷ 250 bar. Manual adjustment is available by a grub screw or plastic knob.

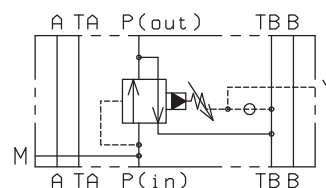
The cartridge used is the "CVS" type.

Max. operating pressure	350 bar
Setting ranges:	spring 1 60 bar
	spring 2 120 bar
	spring 3 250 bar
Max. flow	90 l/min
Draining on port T	0,5 ÷ 0,7 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm ² /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	3,73 Kg

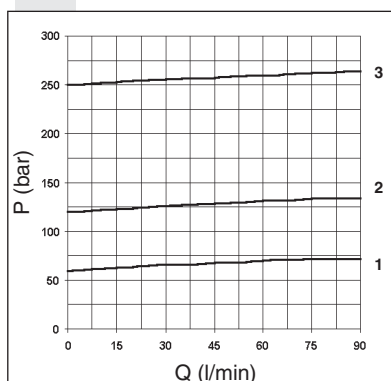
ORDERING CODE

- AM** Modular valve
- 5** CETOP 5/NG10
- VS** Sequencing valve
- *** Drain connection
E = External
I = Internal (Standard)
- *** Type of adjustment
M = Plastic knob
C = Grub screw
- *** Setting ranges
1 = max. 60 bar (**white spring**)
2 = max. 120 bar (**yellow spring**)
3 = max. 250 bar (**green spring**)
- **** 00 = No variant
V1 = Viton
- 1** Serial No.

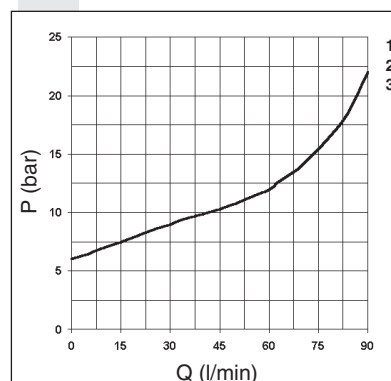
HYDRAULIC SYMBOL



PRESSURE-FLOW RATE



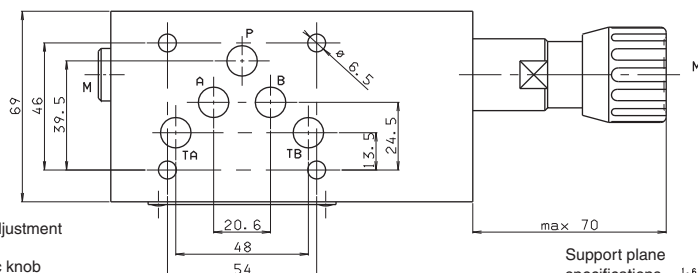
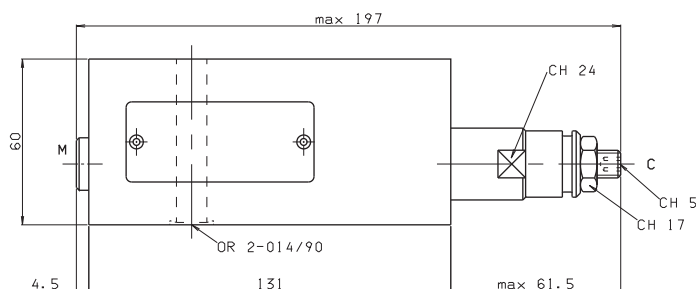
MINIMUM SETTING PRESSURE



Curves n° 1 - 2 - 3 = setting ranges

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.

OVERALL DIMENSIONS



Type of adjustment
M Plastic knob
C Grub screw

To change valves AM.5.VS... from internal to external drainage it is necessary:

- screw out the plug on the Y port
- screw out the plug T.C.E.I. M8x1 from the body
- screw in a screw S.T.E.I. M6
- rescrew the T.C.E.I. M8x1 plug on the body

NOTE: the external draining can be used as a piloting line (please, contact our Technical Service for other informations)