

## AM3RD / AM3SD...

SCREWS AND STUDS

CH. IV PAGE 21

### ORDERING CODE

AM

Modular valve

3

CETOP 3/NG6

\*\*

**RD** = Direct pressure reducing valve  
**SD** = Direct pressure sequencing valve

\*

Control on lines  
AM3RD version = **A / P**  
AM3SD version = **P**

\*

**1** = Positive overlap  
**2** = Negative overlap  
Omit for version AM3SD

\*

Type of adjustment  
**C** = Grub screw  
**V** = Handwheel

\*

Setting ranges  
**1** = max. 2 ÷ 30 bar (**white spring**)  
**2** = max. 10 ÷ 120 bar (**yellow spring**)  
**3** = max. 60 ÷ 250 bar (**green spring**)

\*\*

**00** = No variant  
**V1** = Viton

4

Serial No.

## AM3RD... / AM3SD... MODULAR PRESSURE

### REDUCING / PRESSURE SEQUENCING VALVES CETOP 3

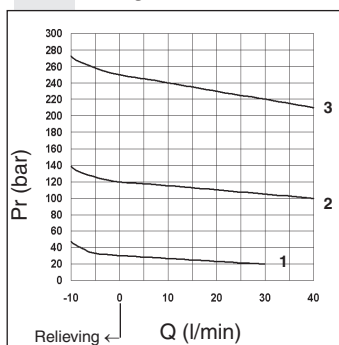


AM3RD and AM3SD valves are direct acting spool type pressure reducing and sequencing units, respectively, with one end pre-loaded by means of a spring on the other end exposed to the hydraulic pressure.

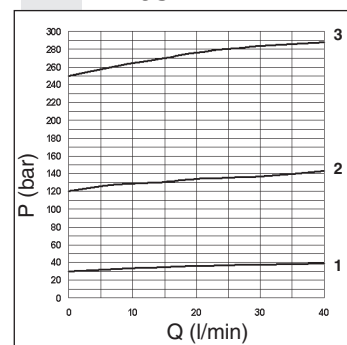
The drainage is drained within the valve to port T. Pressure is adjustable by means of a screw and locknut, or of a handwheel. Three types of springs allow adjustment within the range 2÷250 bar. The pressure reducing valves are available in two versions: with positive overlap (suitable with low flow rate) and with negative overlap to obtain a greater pressure reinstatement speed.

Max. operating pressure: port P	350 bar
Max. pressure adjustable	250 bar
Setting ranges:	spring 1 2 ÷ 30 bar
spring 2	10 ÷ 120 bar
spring 3	60 ÷ 250 bar
Max. flow	40 l/min
Internal drainage RD:	
Positive overlap version	0,5 l/min
Negative overlap version	2 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	1,3 Kg

#### PRESSURE - FLOW RATE AM3RD

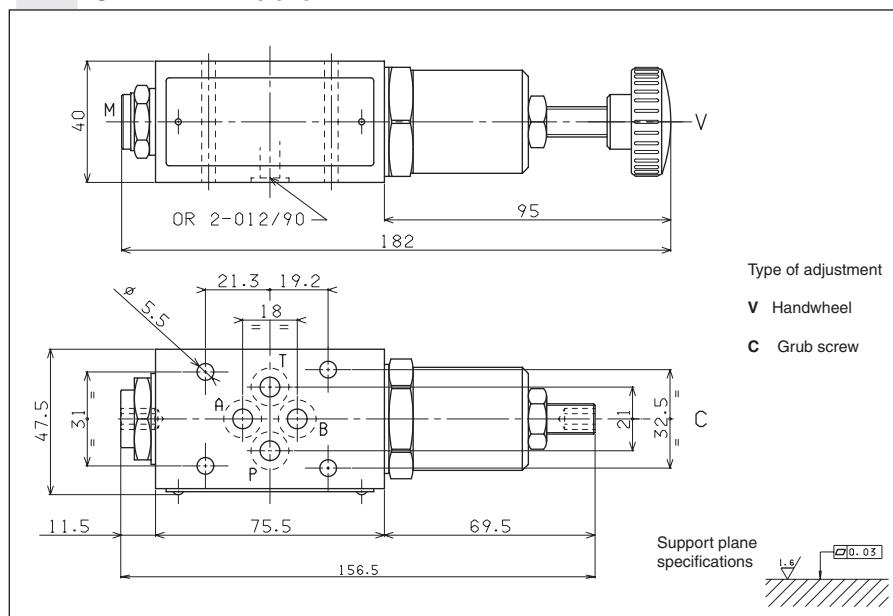


#### PRESSURE - FLOW RATE AM3SD



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

### OVERALL DIMENSIONS



Type of adjustment

**V** Handwheel

**C** Grub screw

### HYDRAULIC SYMBOLS

