

Pressure sequencing valves CETOP 3 / NG06 RS-AM3RDP1C3004



Ruhfus pressure reducing or sequencing valves are designed for subplate mounting with an interface in accordance CETOP 3 (NG06) and they are compatible with many other manufacturers. The directional control valves are intended exclusively for use in industrial oil-hydraulic systems.

This (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 and 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)
- with negative overlap to obtain a greater pressure reinstatement speed

The valves are designed for use with DIN 51524 standard hydraulic mineral oils and it is recommended that filters should be fitted to ensure a maximum contamination level of class 10 in accordance with NAS 1638 ≥ 75 .

RS-Valves (RS-SV0302-001)

Stand: 19.05.2017 - V1.0

Ruhfus Systemhydraulik GmbH

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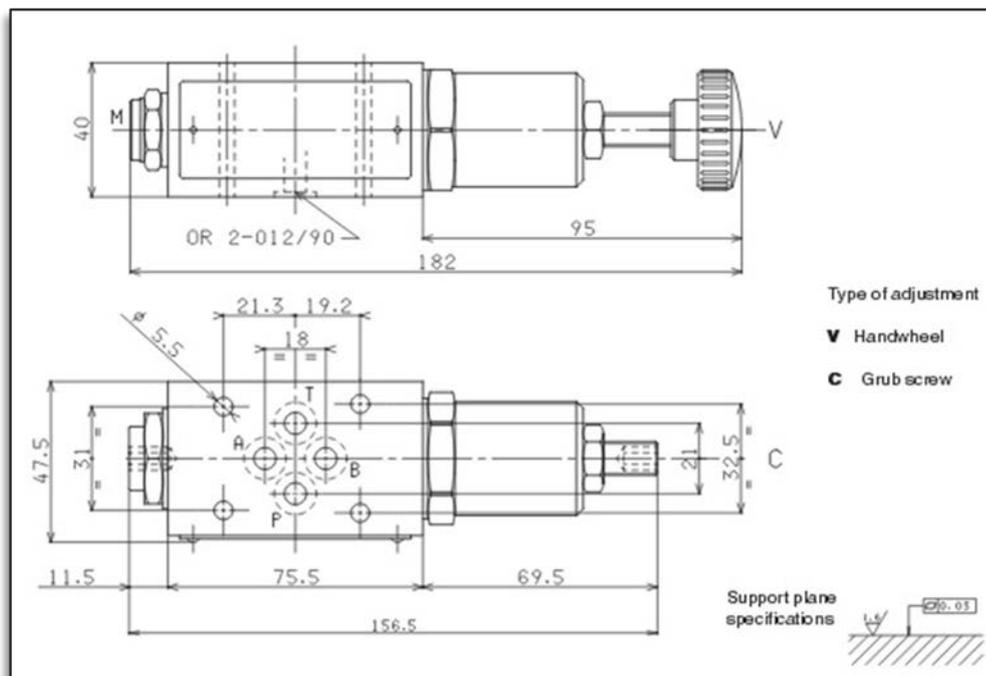
Internet <http://www.ruhfus.com>



Technical specifications:

Max. operating pressure:	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	2,0 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 :	1,3 Kg

Overall Dimensions:



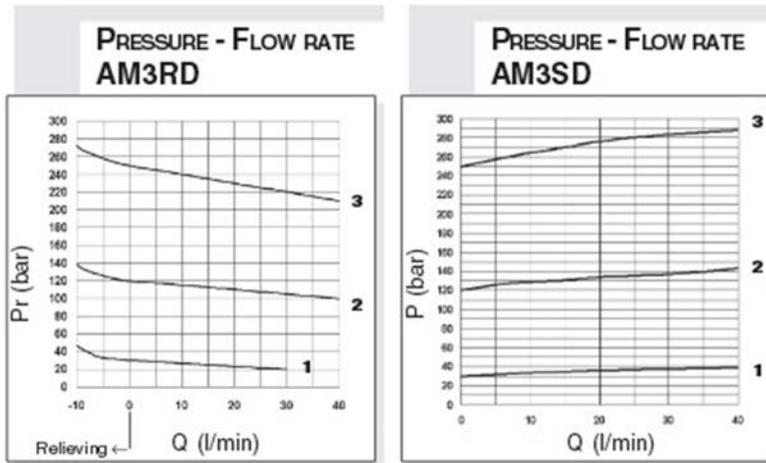
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Pressure - Flowrate:



The fluid used is a mineral based oil with a viscosity of 46 mm²/sec at 40 degrees C.
 The tests have been carried out at with a fluid temperature of 40 degrees C.

Symbols:

