

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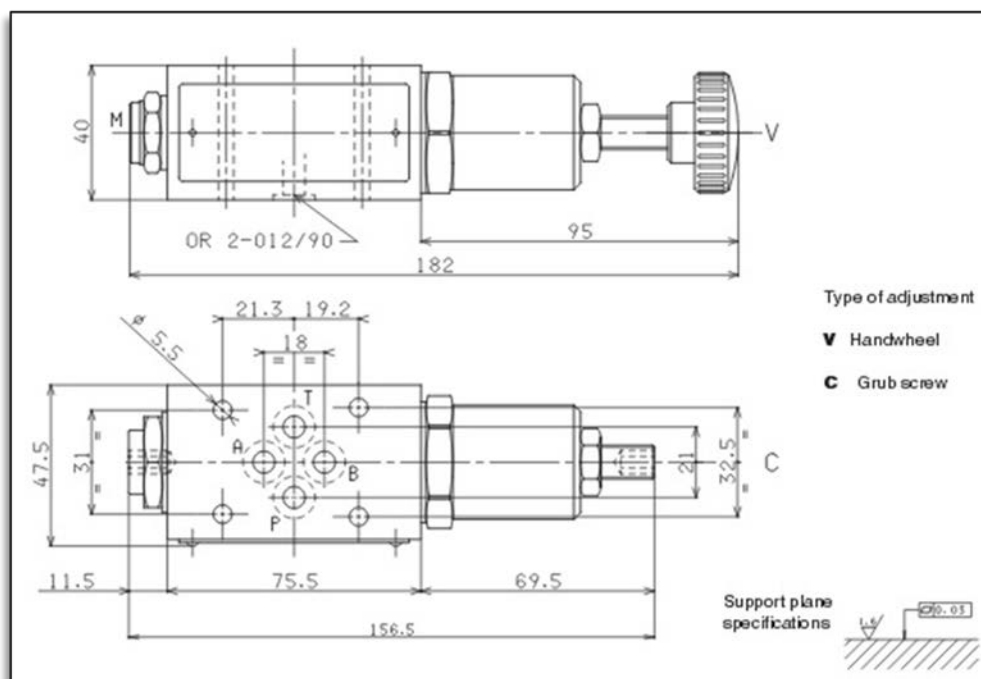
Internet <http://www.ruhfus.com>



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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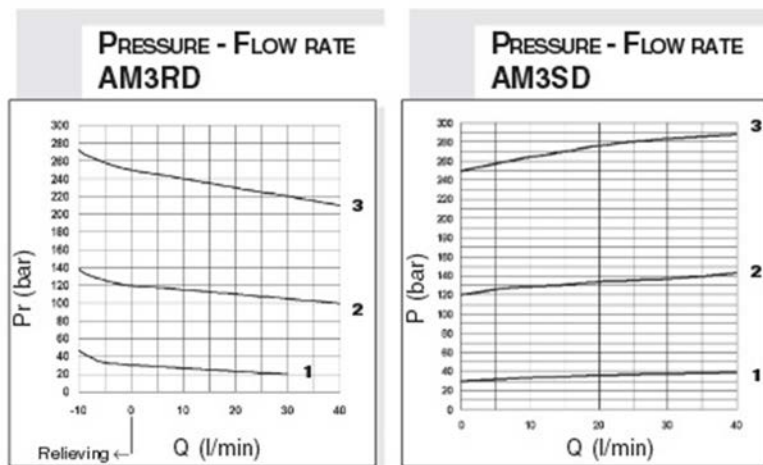
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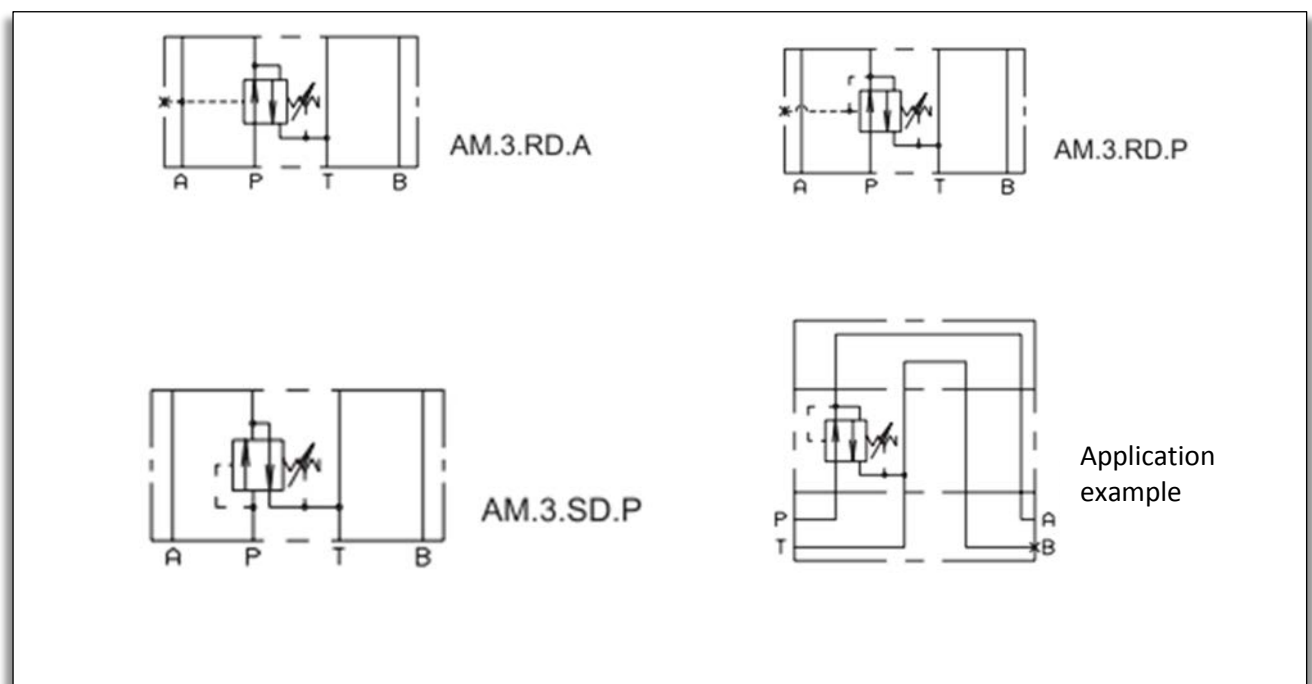


Pressure - Flowrate:



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:



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Type Code:

