

# Overflow valves up to 1,500 bar

## UV 2/2 manual, UV 2/2 pneumatic

Maintaining a constant pressure is one of the most important functions of hydraulic controls. WOMA overflow valves ensure constant working conditions at all connected hydraulic consumers and can be deployed as regulators or alternatively as 2/2-way bypass valves. The pressure regulator is set either manually or pneumatically.



UV-2/2-1500  
manual

UV-PN-2/2-1500

### Special features

- Outstanding control properties
- Long service life
- Housing and high-pressure parts in stainless steel
- Can be retrofitted to many units

Technical data – manual				
Type	UV 2/2 manual			
Material number	9.906-937.0	9.910-465.0	9.906-933.0	9.871-283.0
Operating pressure max.	1,500 bar			
Nominal flow rate max.	130 l/min			370 l/min
Temperature of medium	+5 °C to +98 °C			
For pump type	150Z to 250Z			330Z to 1000Z
Valve seat material	Stainless steel	Ceramic	Stainless steel	Ceramic
Weight approx.	29 kg			
LG approx.	442 mm	448 mm	469 mm	483 mm
D	330 mm	200 mm	330 mm	
P	Separate assembly M24x1.5		Assembly on pump head	
A	2x M24x1.5		3x M24x1.5	3x M36x2
R	G1 1/4"A			G1 1/2"A

See figure for valve dimensions LG and D, and connections P, A and R

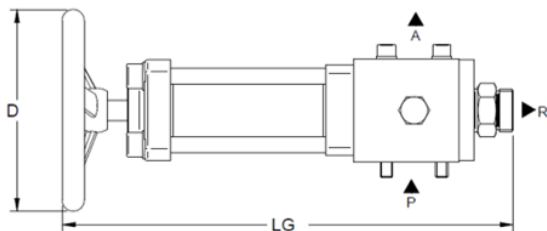


Figure 1: Valve dimensions and connections

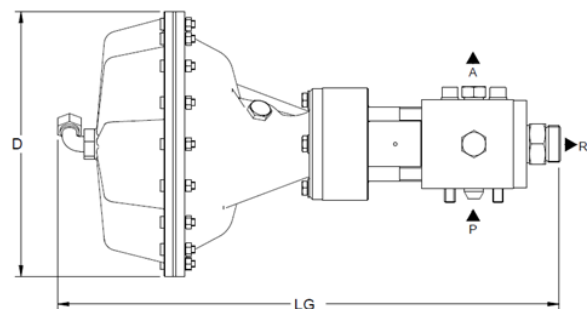
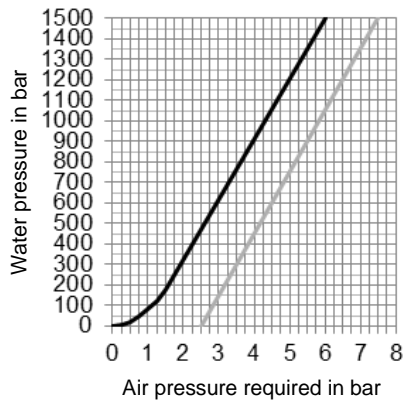


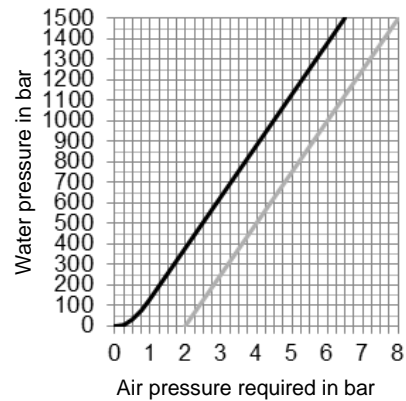
Figure 2: Valve dimensions and connections

Technical data – pneumatic						
Type	UV 2/2 separat-PN		UV 2/2-PN			
Material number	9.871-149.0		9.871-096.0		9.871-236.0	
Operating pressure max.	1,500 bar		1,500 bar		1,500 bar	1,000 bar
Nominal flow rate max.	130 l/min			370 l/min		
Temperature of medium	+5 °C to +98 °C					
Operating mode	Overflow	2/2-way bypass	Overflow	2/2-way bypass	Overflow	2/2-way bypass
For pump type	150Z to 250Z			330Z to 1000Z		
Valve seat material	Stainless steel			Ceramic		
Weight approx.	36 kg					
LG approx.	576 mm					
D	303 mm					
P	Separate assembly M24x1.5		Assembly on pump head			
A	2x M24x1.5		3x M24x1.5		3x M36x2	
R	G1 1/4"A			G1 1/2"A		
Air pressure required	See diagrams					

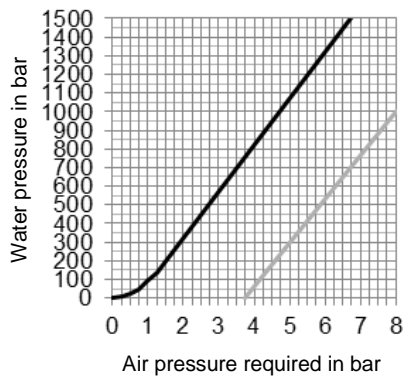
See figure on page 2 for valve dimensions LG and D, and connections P, A and R



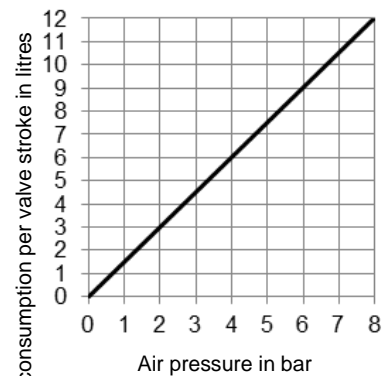
— Overflow valve (9.871-149.0) )  
— 2/2-way bypass (9.871-149.0)



— Overflow valve (9.871-096.0) )  
— 2/2-way bypass (9.871-096.0)



— Overflow valve (9.871-236.0) )  
— 2/2-way bypass (9.871-236.0)



— For all valves