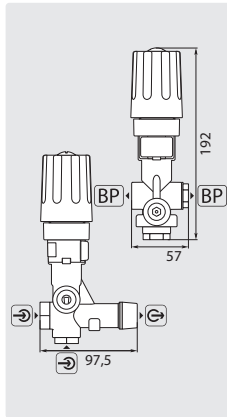


## Suttner regulation valves

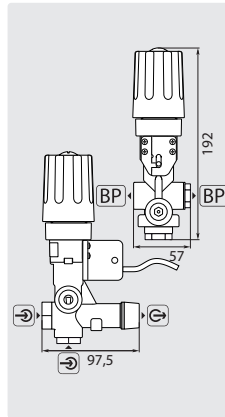
## ST-291



⊕ = inlet 3/8" F. ⊖ = outlet 3/8" F. [BP] = bypass 1/2" F. Max. 350 bar / 90 °C

R+M Nr.	⊖
200 291 500	40 l/min

## ST-291 with switch



⊕ = inlet 3/8" F. ⊖ = outlet 3/8" F. [BP] = bypass 1/2" F. Regulation valve with pressure switch (IP67) and cable 1,200 mm. Max. 350 bar / 90 °C

R+M Nr.	⊖
200 291 550	40 l/min

## Repair kits ST-291



Piston rod

R+M Nr.
200 291 495



Switch (IP67) with cable 1,200 mm

R+M Nr.
200 291 450



Check valve

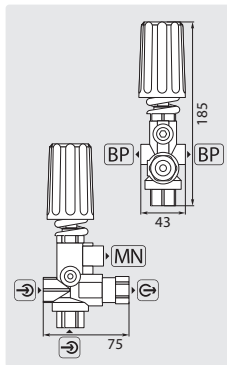
R+M Nr.
200 291 490



Seal kit

R+M Nr.
200 291 485

## ST-280



⊕ = inlet 3/8" F.  
⊖ = outlet 3/8" F.  
[BP] = bypass 1/4" F.  
[MN] = pressure gauge 1/4" F.  
Max. 250 bar / 80 °C

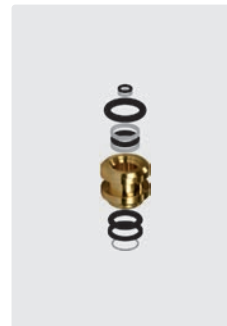
R+M Nr.	⊖
200 280 510	30 l/min

## Repair kits ST-280



Type A

R+M Nr.
200 280 650



Type C

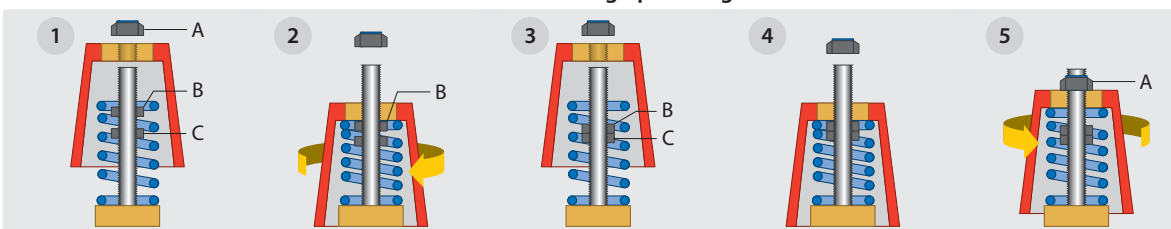
R+M Nr.
200 280 646



Type D

R+M Nr.
200 280 526

## Setting up of a regulation valve



1. Loose fixing nut (A) and take off handgrip. Also loose nut (B) and nut (C). Put handgrip back in position without fixing it. Switch on high pressure device and press gun trigger.
2. While keeping an eye on the gauge's pressure slowly tighten the handgrip. When working pressure is attained turn handgrip one rotation tighter. In this position nut (B) must be next to the handgrip. Otherwise, nut (B) has to be adjusted until this position is reached.
3. Take off handgrip and fix nut (C) against nut (B).
4. Unscrew the handgrip until it bumps to nut. Press trigger of gun several times in order to control the working and switching pressure. If necessary, repeat phase 2.
5. Turn handgrip back until minimum/steam pressure stage is obtained (according to indication of manufacturer). Mount fixing nut until swing of grip. Fixing nut (A) defines the stage of low and steam pressure, nut (B) defines the stage of working and switching pressure.



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Symbols ⊖ flow ⊕ inlet ⊖ outlet [BP] bypass [MN] pressure gauge