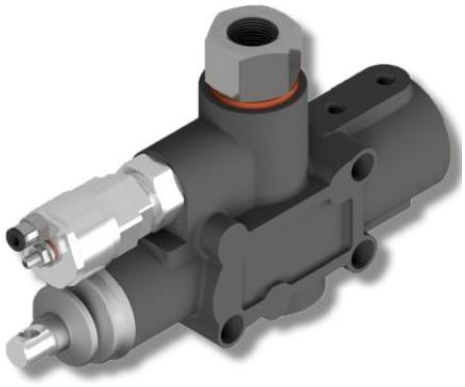
Hydraulic Combo Valve



- Model Number-Dual Pressure: DTCA53C2PP
- Model Number-Single Pressure: DTCA53C
- Open Circuit, Dual Pressure Relief Setting
- Flow Rate = 53 GPM, Maximum Pressure = 5000 psi
- Relief Valve Setting Range: up to 2900 psi for low pressure
  up to 4900 psi for high pressure

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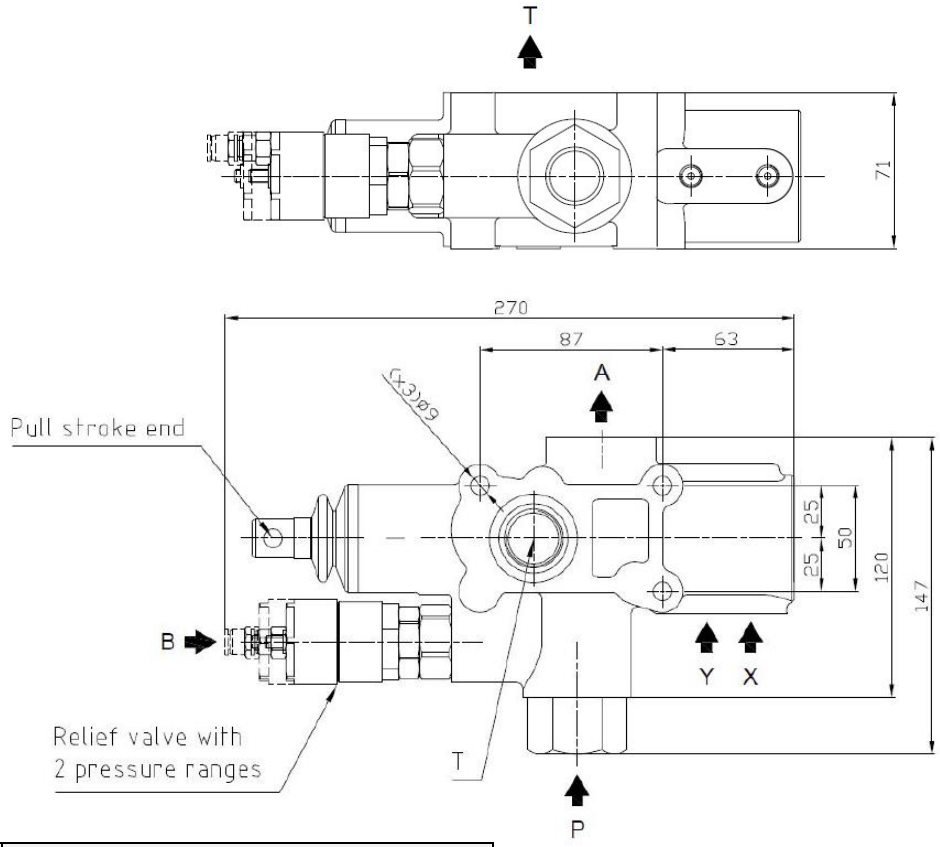
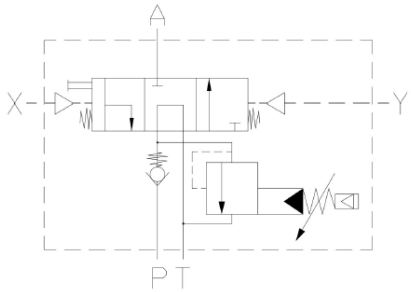
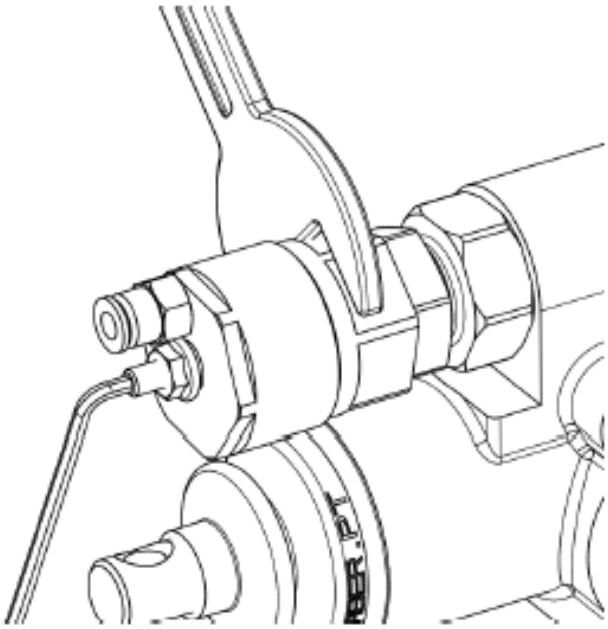
Note: ABER is constantly engaged in improving its products and, therefore, reserves itself the right to modify without any further notice the characteristics shown in this material.

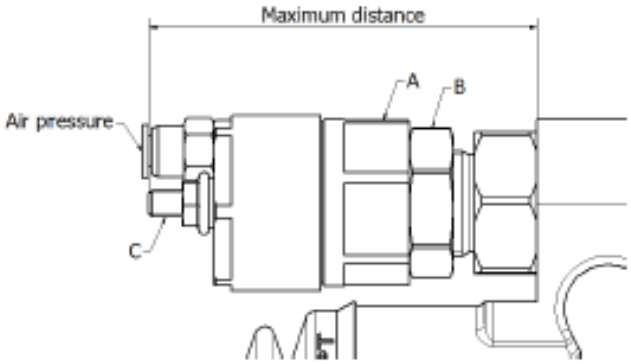


Code	Description
A	Outlet 1" NPT
B	High Pressure Actuator 1/8" (tube ¼")
P	Pump 1" NPT
T	Tank 1" NPT
X	Lower 1/8" BSP (tube ¼")
Y	Tip 1/8" BSP (tube ¼")



(Dimensions in mm)





→ 1st pressure setting, high pressure:

1) Unscrew the nut B, carefully keeping the part **A**
2) Screw the part **A**, the pressure increases
   Unscrew the part **A**, the pressure decreases
3) Pressurize the actuator
   Check the pressure with a pressure gauge
   If the pressure is OK, move to the next point, if it is not OK repeat the process from point 2
4) Depressurize the actuator
5) Lock the nut B but keeping the carefully position to part **A**

→ 2nd pressure setting, low pressure:

1) Remove the cover C
2) Screw the stud the pressure increases
   Unscrew the stud the pressure decreases
   Check the pressure with a pressure gauge
3) Lock the cover C

Warning:

- When unscrewing the part **A,** do not exceed the maximum distance of 89mm.
- Do not exceed the maximum low pressure and high pressure settings.

ATTENTION

- It is extremely important for the relief valve to function properly to respect the oil filtering 25 µm according to the ISO 4406 class 18/13.
- The application of the hydraulic valves must follow all the instructions mentioned on "Hydraulic valves – Recommendations before start-up".