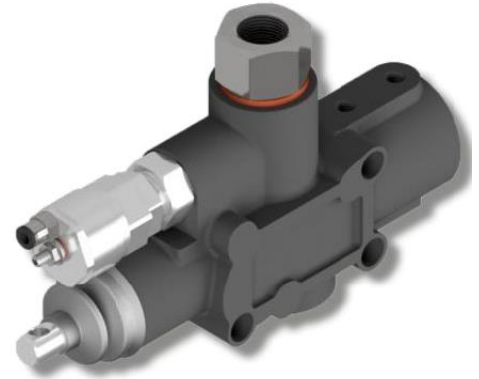


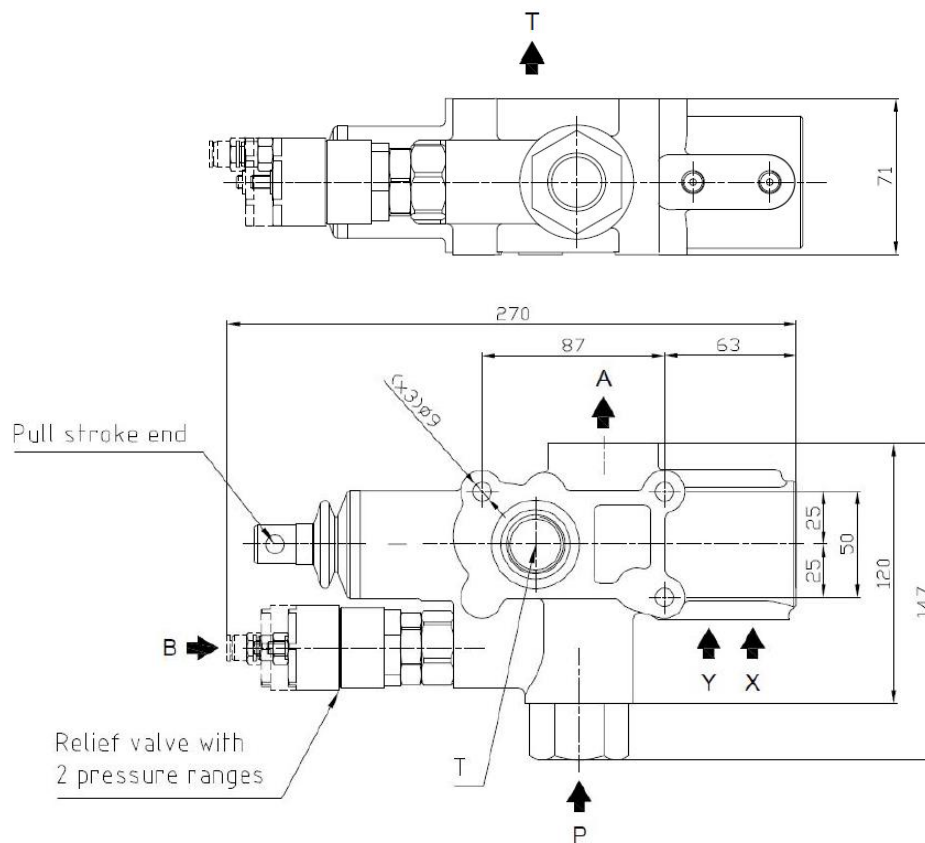


- Model Number-NPT ports: DTCA53C2PP
- Model Number-ORB ports: DTCA200O2PP
- Open Circuit, Dual Pressure Relief Setting
- Flow Rate = 53 GPM, Maximum Pressure = 5000 psi
- Relief Valve Setting Range: up to 2900 psi for low pressure
up to 4900 psi for high pressure

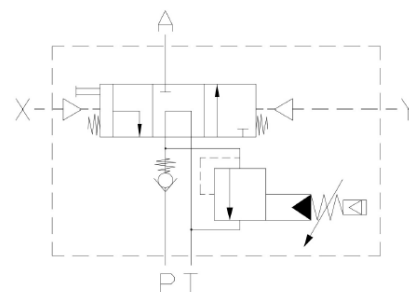


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Note: ABER is constantly engaged in improving its products and, therefore, reserves itself the right to modify without any further notice the characteristics shown in this material.



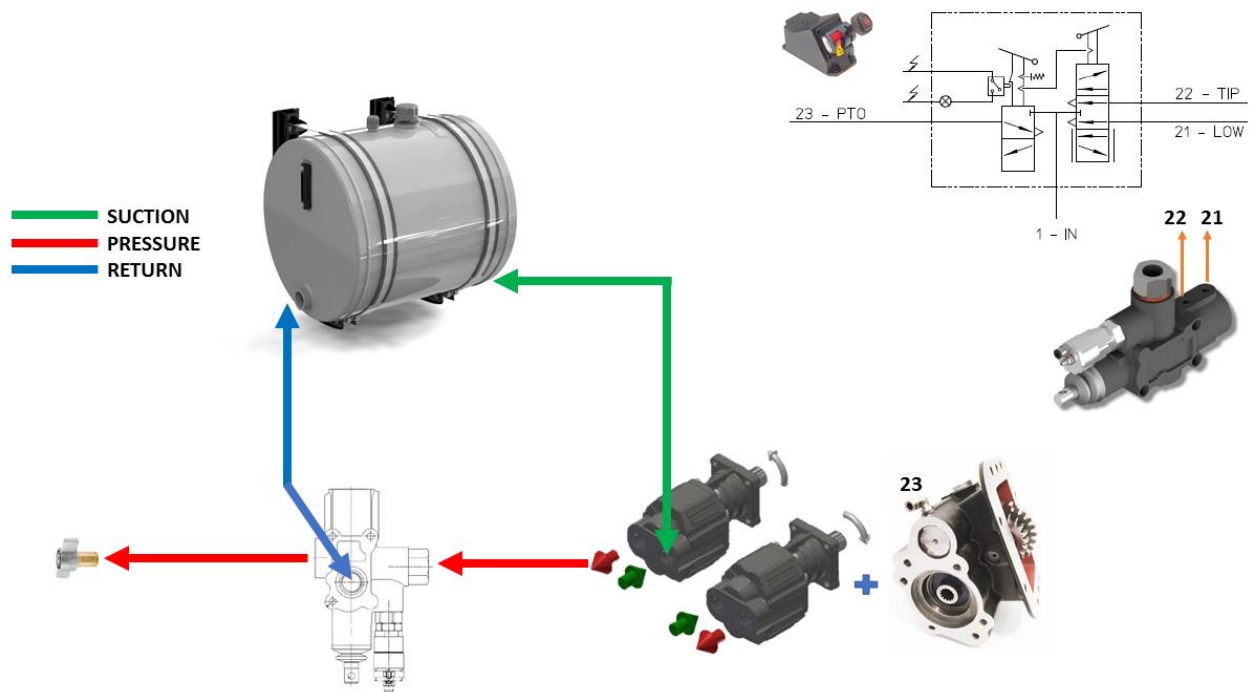
Code	Description
A	Outlet 1" NPT/ORB
B	High Pressure Actuator 1/8" (tube 1/4")
P	Pump 1" NPT/ORB
T	Tank 1" NPT/ORB
X	Lower 1/8" BSP (tube 1/4")
Y	Tip 1/8" BSP (tube 1/4")



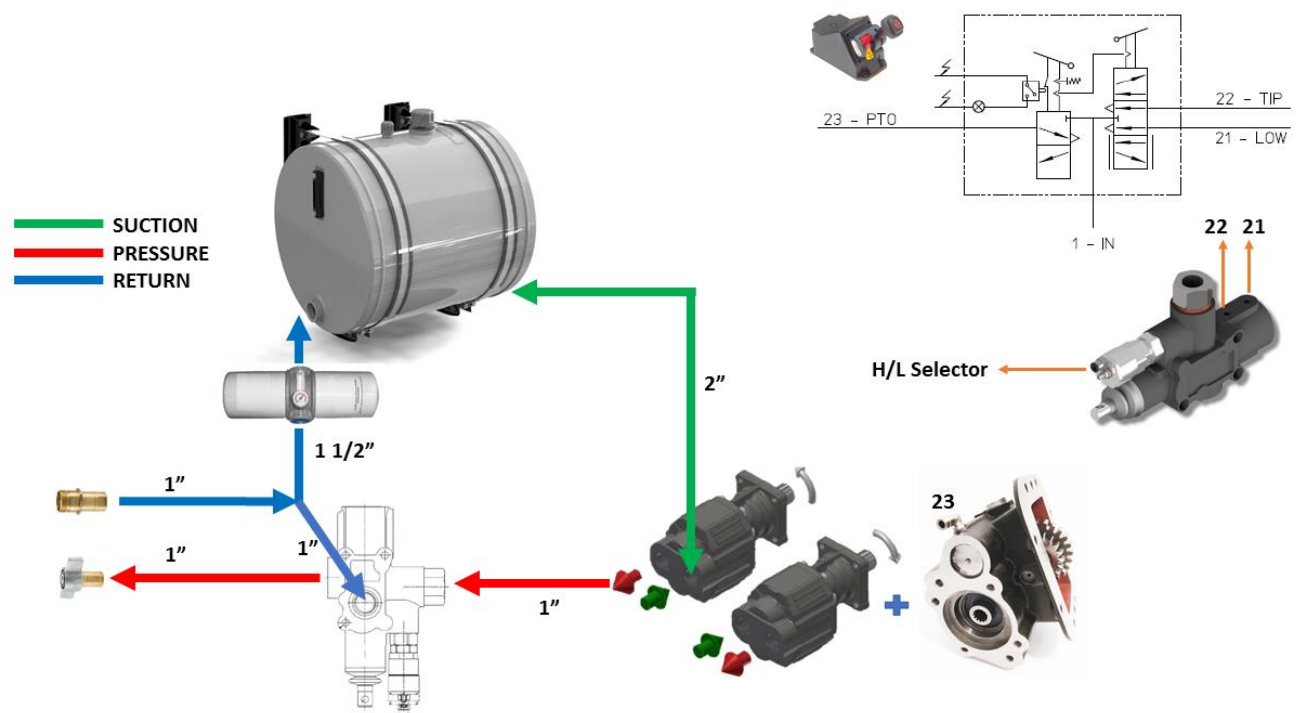
(Dimensions in mm)



End Dump Hydraulic Schematic – Single Pressure Relief

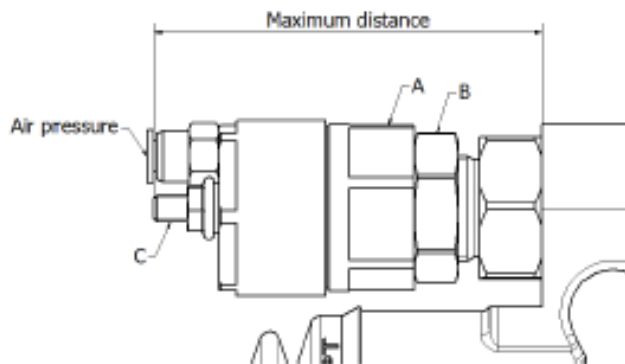
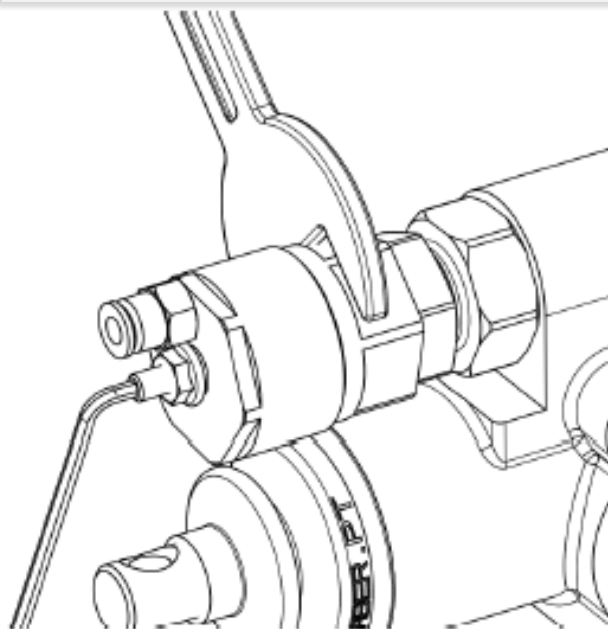


End Dump/Live Bottom Hydraulic Schematic – Dual Pressure Relief





Dual Pressure Relief Valve Adjustment



→ 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:

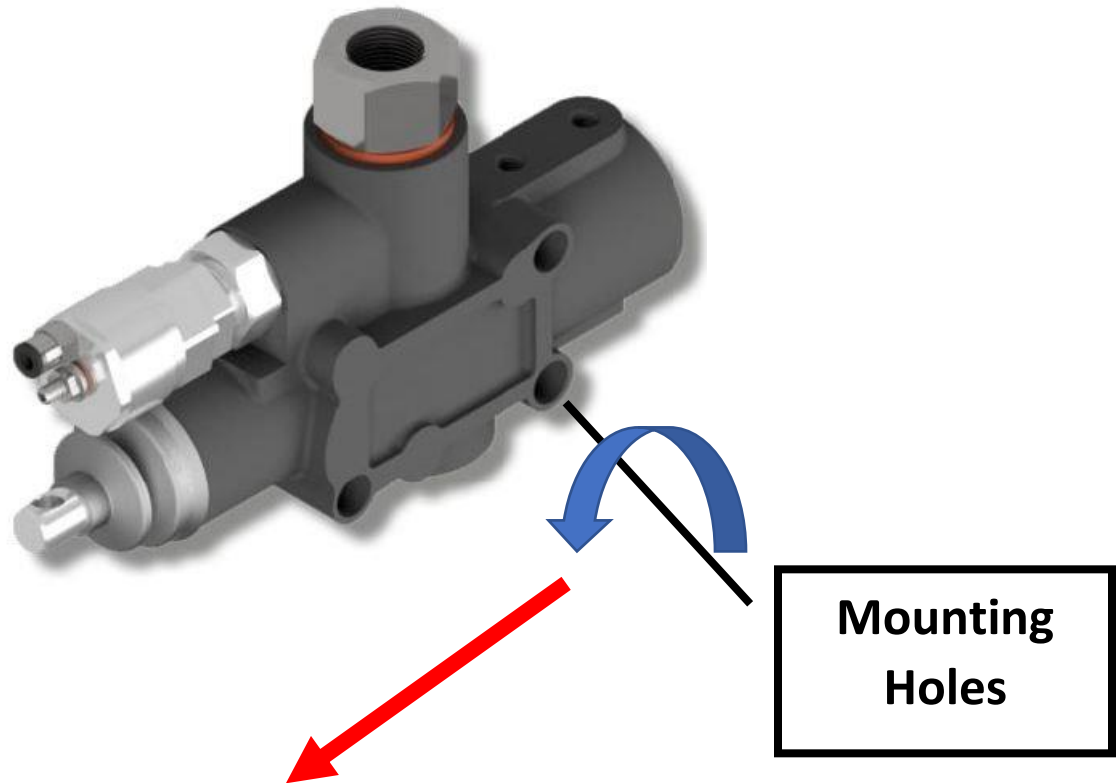
- When unscrewing the part A, do not exceed the maximum distance of 89mm.
- Do not exceed the maximum low pressure and high pressure settings.

ATTENTION

- It is extremely important for the relief valve to function properly to respect the oil filtering 25 μ m 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".



Mounting NOTICE



**Please tighten the bolts with a
maximum tightening torque of
20 Nm.=15 lb. Ft (soft
tightening)**