

Direction of rotation and changing the direction of rotation

The direction of rotation of the axial piston unit is defined by means of a pressure connection screwed into the service line port and can easily be changed.

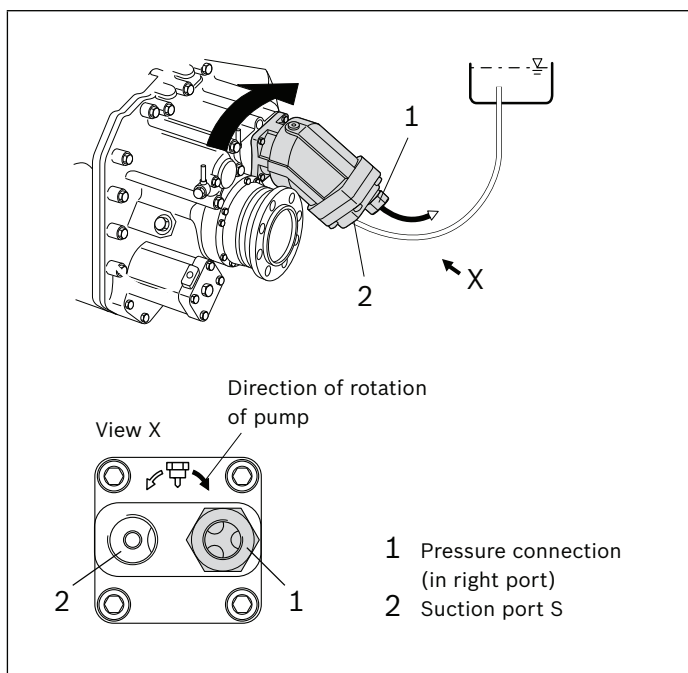
By changing the pressure connection, the service line port and the suction port are exchanged. As a result, the permissible drive direction is changed.

Direction of rotation on delivery

On delivery, the pressure connection (1) is pre-assembled in the right service line port of the axial piston unit. The permissible drive direction of the pump looking at the drive shaft: counter-clockwise. The power take-off turns clockwise.

Note

The pressure connection is pre-assembled on delivery and must be tightened to the torque specified for the thread size before installation (see table of tightening torques M_D).



Changing the direction of rotation

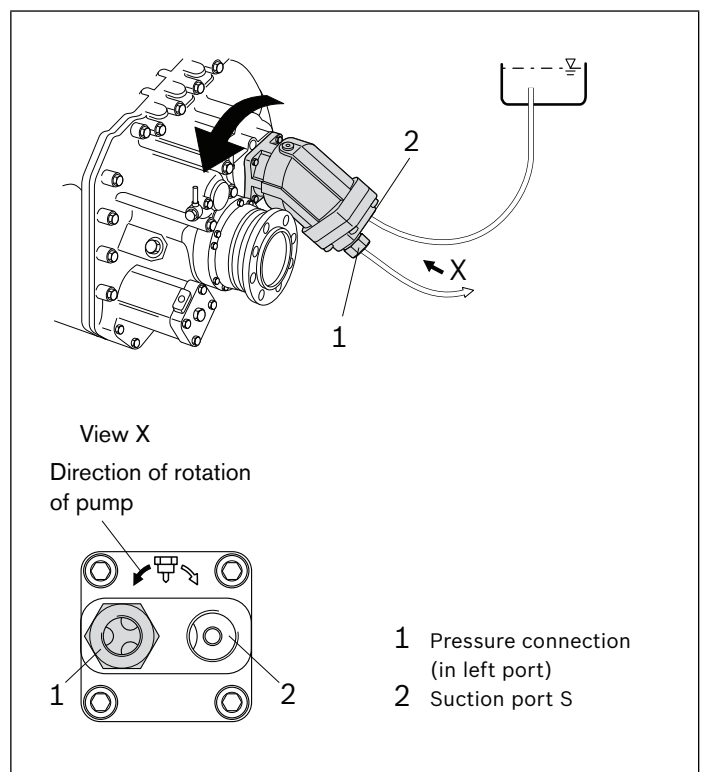
For power take-offs with counter-clockwise rotation, the direction of rotation of the axial piston unit must be changed.

To change the direction of rotation of the axial piston unit, you must change the pressure connection (1) from the right port to the left port.

Note

If the pump drive shaft moves while making the change, the axial piston unit may be damaged.

After unscrewing the pressure connection, do not turn the drive shaft of the pump!



Tightening torque M_D of the pressure connection

Size	NG	23, 32	45, 63	80, 107
Tightening torque M_D	Nm	145	270	525
Size WAF	mm	36	41	50

Connecting the line to the pressure connection

If the tightening torque required for connecting the fittings used exceeds the tightening torque of the pressure connection, the pressure connection must be counterheld. The maximum permissible tightening torque of the female thread (see page 16) must not be exceeded.