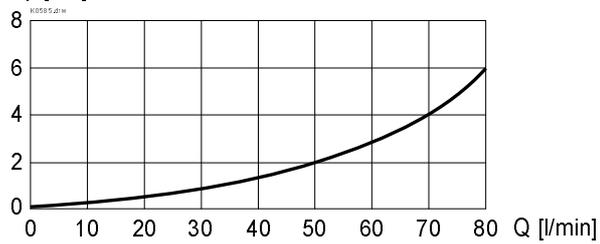
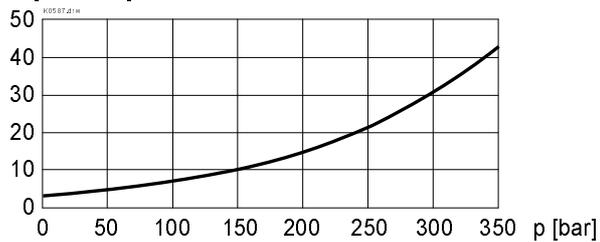
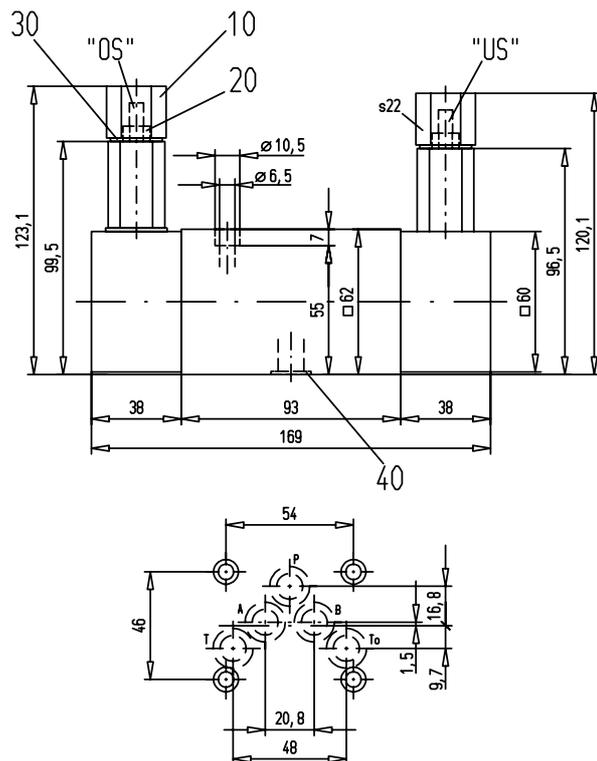


CHARACTERISTICS oilviskosity $\nu = 30 \text{ mm}^2/\text{s}$
 $\Delta p = f(Q)$ Pressure-flow characteristics curve

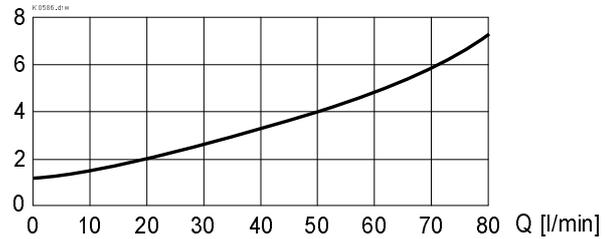
 Δp [bar] (Accumulator operation- pump unloading)

 $Q_L = f(p)$ Leakage volume flow-characteristics

 Q [cm³/min]

DIMENSIONS

PARTS LIST

Position	Article	Designation
10	154.7200	Cap nut M6x23
20	153.1301	Hexagonal nut 0,8 D M6
30	049.1180	Cop. seal ring NG 18x22x1,5 DIN 7603
40	160.2120	O-ring ID 12,42x1,78 (A and B)
	160.2156	O-ring ID 15,60x1,78 (P, T and To)

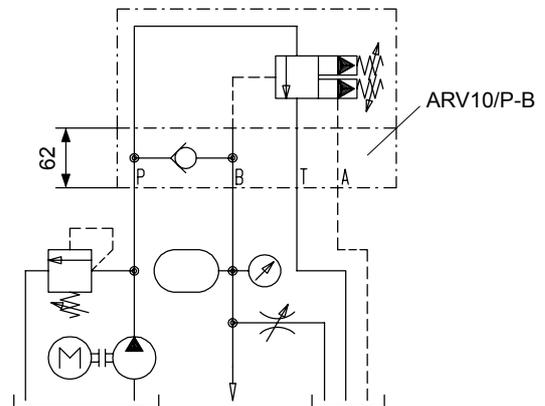
 $\Delta p = f(Q)$

 Pressure-drop flow characteristics curve
 (over check valve ARV10/P-B)

 Δp [bar]

Setting procedure
Adjusting the shifting pressures

To adjust the acc. / . v. a drain code (B to tank) is required.

The accumulator loading valve has 2 adjusting screws, and lock nuts, to ensure that the set pressures are maintained. The „OS“ adjusting screw is used to set the upper shifting point, and the „US“ adjusting screw to set the lower shifting point.


Procedure

1. Open drain cock to by-pass flow to tank when pump gets started.
2. Adjustment screw „US“: turn anti clockwise to relief spring completely.
3. Adjustment screw „OS“: turn clockwise to the stop, then 2 turns back.
4. Start pump. Close drain cock. Check relief valve setting (min 10 bar higher than desired upper shifting pressure of accumulator for loading valve).
5. Close drain cock partially and let pressure rise to the desired upper working pressure.
6. Turn adjustment „OS“ anti clockwise to the point where the valve shifts into unloading function.
7. Open drain cock slowly and let pressure drop until valve shifts into loading function.
8. Turn adjustment „US“ clockwise to the specified lower shifting pressure.
9. Lock adjustments with lock nuts. Check set pressures by simulating varying oil demands with drain cock.
10. Mount caps and close drain cock.

ACCESSORIES

 Connection plates, multi-station flange subplate and longitudinal stacking system Register 2.9
 Check sandwich valve NG10 ARV6/P-B Article no. 662.4013

Technical explanation see data sheet 1.0-100E