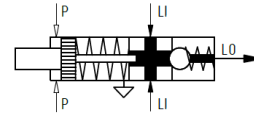
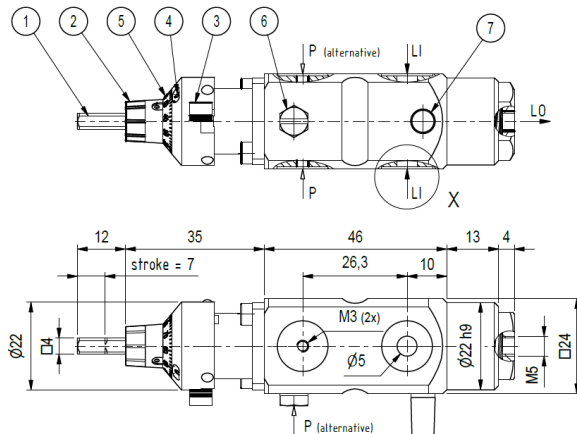


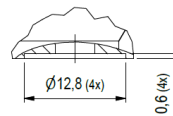
Dosing pump for production and process engineering applications

- Simple assembly with connection kit
Vertical stacking possible (see data sheet D-ABS1).
- Volumetric dosing principle
- High-precision dosing
- Exact reproducibility of the delivery volume
- Stageless volume adjustment
- Fluid supply by gravity or pressure
- Large range of viscosities
- Broad spectrum of delivery rates
- High delivery pressure
- Low wear
- Compact design



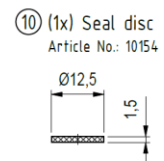
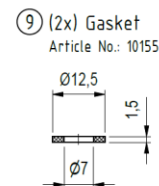
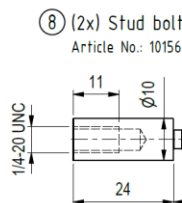
LI: Liquid-Intake
LO: Liquid-Outlet (M5)
P: Pneumatic connection

X (2:1)

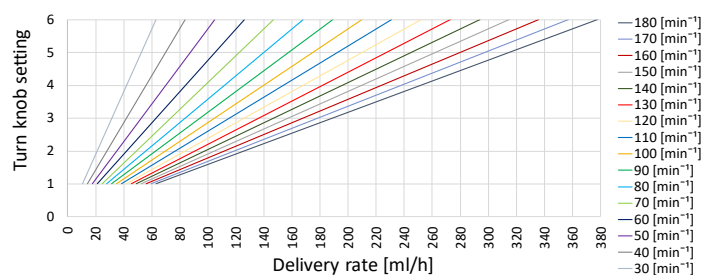
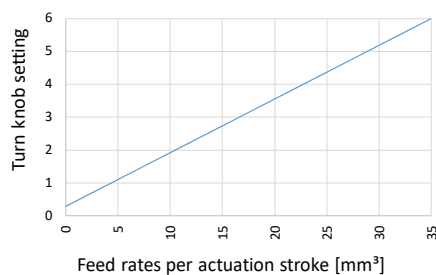


- ① Tappet for manual use
- ② Adjustment turn knob
- ③ Adjustment lock (to fix the turn knob)
- ④ Scale display (1-6 turns)
- ⑤ Scale (scale deviation: 0,02)
- ⑥ Plug / alternative: pneumatic connection (M5)
- ⑦ Silencer

Attachment for vertical stacking (included in delivery):



Theoretical delivery data



Technical data:

Max. delivery volume:	35 mm³/stroke	Compressed air supply	P = 4 - 6 bar
Max. delivery rate:	380 ml/h		Q _N = 50 – 150 l/min
Max. delivery pressure ¹⁾ :	67 bar (at 4 bar compressed air)	Fluid-contacting materials ³⁾ :	Unoil and filtered, 10µm
	200 bar (bei 6 bar Druckluft)		CuZn39Pb3 (Ms, nickel-plated)
Max. fluid feed pressure:	3 bar	Other materials:	FKM (Viton)
Max. pump frequency:	180 1/min ²⁾		1.4310 (stainless steel)
Viscosity range:	1 - 10.000 mPas		NBR
Operational temperature:	-20 bis 65 °C		POM
Weight (incl. accessories):	308 g		Steel, galvanised

1) A back pressure must be continually maintained at the fluid outlet while the dosing pump is in operation. For this reason the following hose dimensions are recommended: inside diameter of fluid hose: Ø 1 to Ø 2.3 / length of fluid hose: >500 mm

2) A higher dosing pump frequency (e.g. >200 rpm) is possible for some applications. A consultation is absolutely essential!

3) Material variations are possible after consultation.