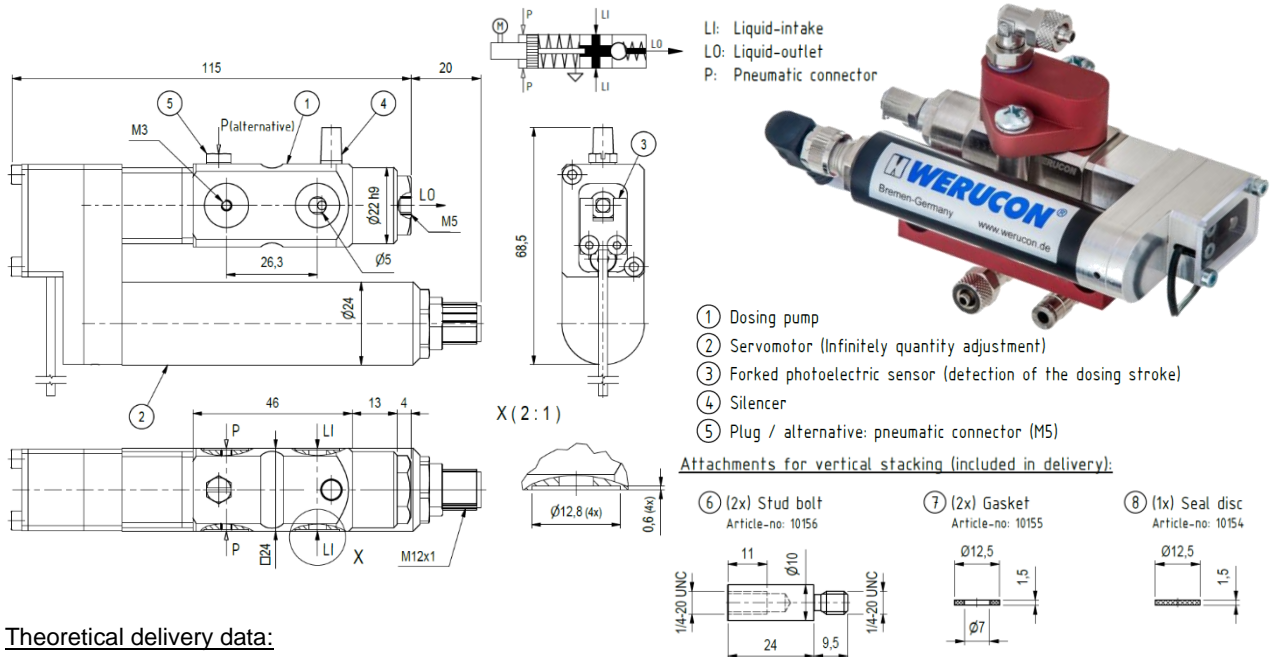
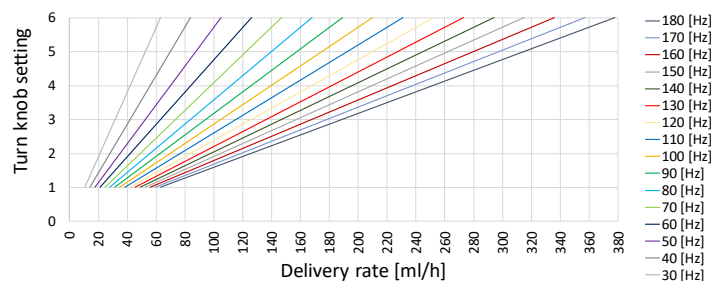
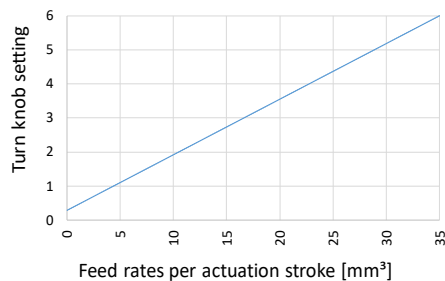


Dosing pump for production and process engineering applications

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



Theoretical delivery data:



Technical data:

Max. delivery volume:	35 mm ³ /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⁾ :	Unoilied and filtered, 10 µm
	200 bar (at 6 bar compressed air)		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	Connector plug, motor:	NBR
Operational temperature:	-20 to 65 °C		Actuation:
Weight (incl. accessories):	880 g	Connection cable:	Steel, galvanised
Supply voltage, motor:	max. 30 V DC	Switching output:	M12x1; 5-pin; A-coded
			PLC
Supply voltage, forked light barrier:	5 to 24 V DC		4-wire; 1 m
			PNP

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.