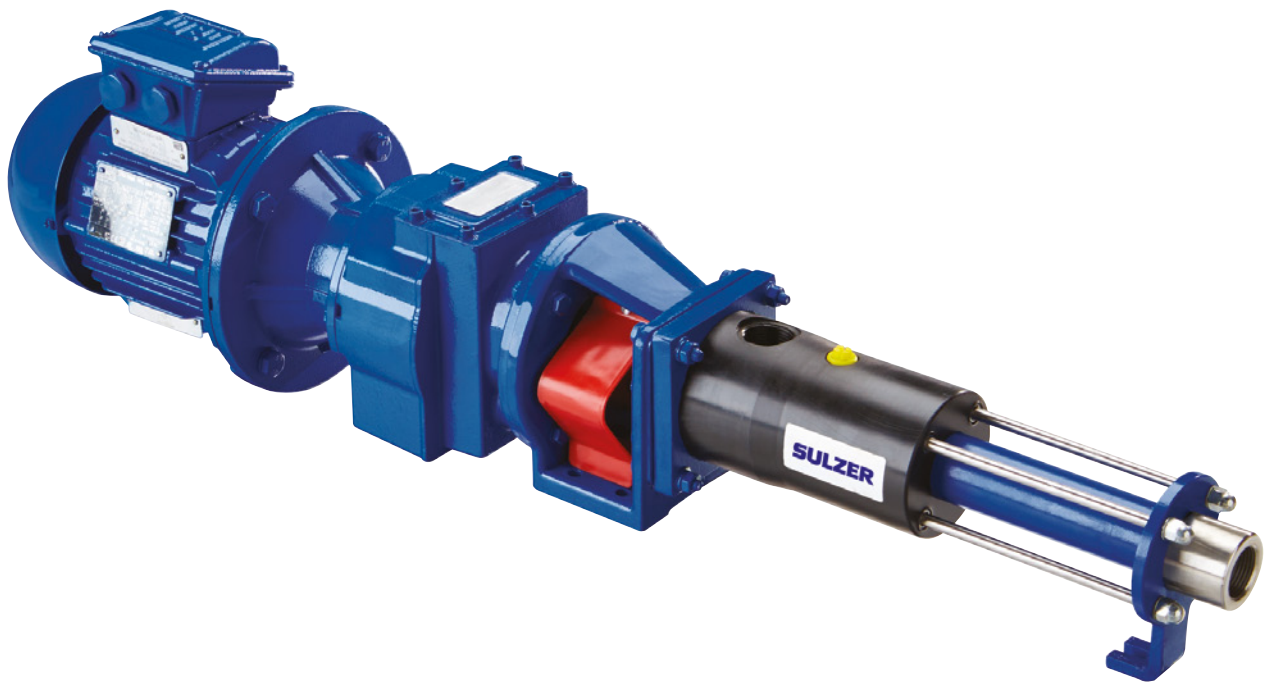


PC Dosing Pump



Main Applications

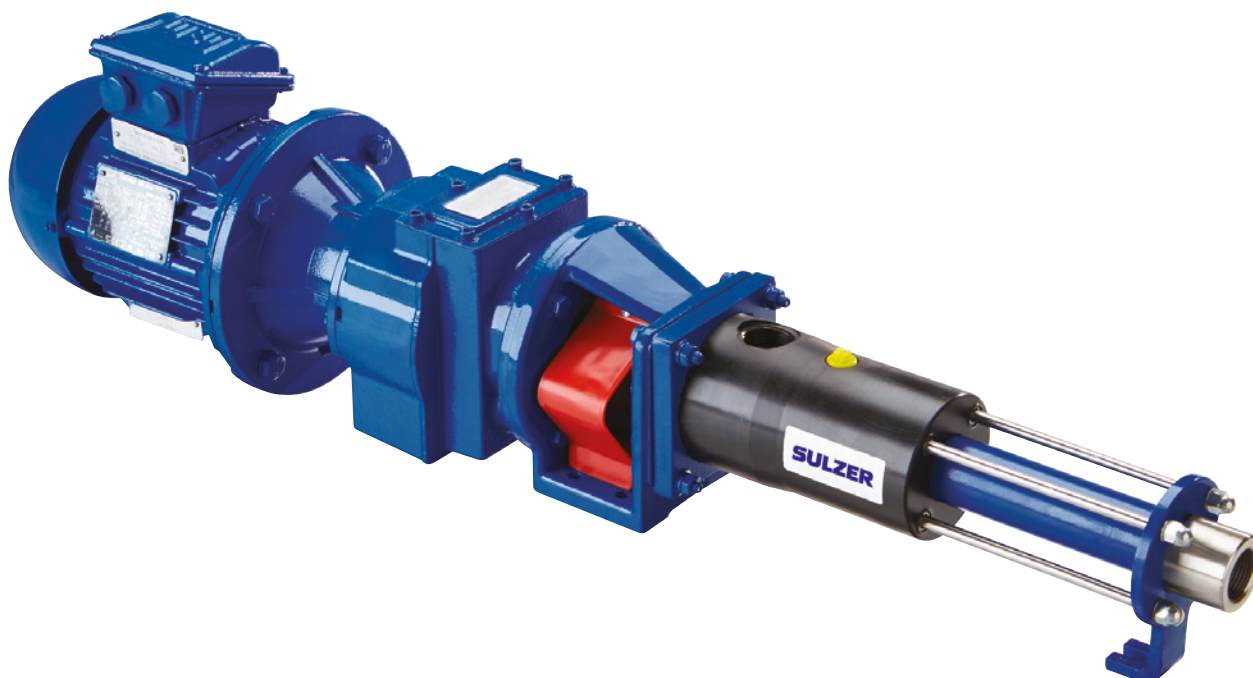
The PC dosing pump is reliable for applications where low flow, accurate dosing is required. The dosing pump provides a smooth pumping action with no pulsation and very low shear. The pump is ideal for either intermittent or continuous dosing duties in high pressure, low flow applications, and represents a cost-effective alternative to the more expensive gear pumps traditionally used for these types of duties. The modular design of the PC dosing pump allows the four models in the range to cover performance requirements from 5 liters per hour up to 1,250 liters per hour and 72 bar pressure.

The PC dosing pump is used in the following applications:

- Low flow dosing
- Delivery of barrier layer injection and conditioning agents in sludge dewatering and thickening
- Controlled flocculent pumping
- General industry and chemical processing

Features and Benefits

- **Self-priming with a gentle non pulsating action**
 - Helps maintain pumped fluid integrity
- **New coupling rod design**
 - Offers higher pressure capabilities, up to 72 bar/ 1,044 psi
- **Resilient stator available in a variety of materials**
 - Gives flexible operation and high resistance to wear
 - Allows a wide range of viscous liquids to be pumped
- **Specially selected drives and gearboxes with different options**
 - Ensures long life
- **Fully sealed drive train**
 - Maximizes life and minimizes downtime
- **Gentle pumping action with no pulsation or emulsification**
 - Minimizes shear and crush damage to the pumped product



PC Dosing Pump



Operating data

50 Hz	Pump sizes (up to diameter)	60 Hz
1" BSP in		1" BSP in
up to 5-1,250 l/h	Capacities	up to 0.02-5.50 USgpm
up to 72 bar	Differential pressures	up to 1,044 psi
up to 120°C	Temperatures	up to 248°F

Materials

Pump body	Rotor / rotating parts	Stator materials
Cast Iron	Stainless steel 316S11	Nitrile
	Hastelloy ASTM B574	EPDM
		High Nitrile
		Viton



www.sulzer.com

E10372 en 10.2015 (1,000), Copyright © SULZER Ltd. 2015

This brochure is a general presentation. It does not provide any warranty or guarantee of any kind. Please, contact us for a description of the warranties and guarantees offered with our products. Directions for use and safety will be given separately. All information herein is subject to change without notice.