

- **Capacity for each pumphead : 0,5 l/h – 500 l/h**
- **Max. operating pressure : up to 20 bar**
- Hermetically sealed metering pumps with PTFE double diaphragm (FDA approved) und diaphragm monitoring service by pressure gauge or pressure switch
- Hygienically optimised valves for ideal cleaning and sterilization
- Low hold-up time of fluid in pumphead without dead zones
- Double diaphragm and gaskets made of PTFE (FDA approved)
- Painting according to FDA Standards
- Front cover, valves and connections in material SS316L with surface roughness Ra 0,4 up to 0,8 by electro-polishing

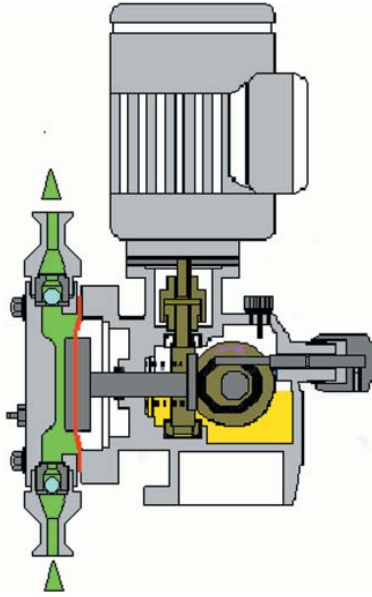


ProCam Hygienic Diaphragm Metering Pumps



Applications

- Suitable for CIP (Cleaning-in-Place) up to 150°
- Suitable for SIP (Sterilizing-in-Place) by saturated steam at 121°C
- Suitable for stringent hygienic and sterile needs in the pharmaceutical industry and biotechnology, in cosmetic industries and personal care as well as for food and beverages.
- In accordance with Directive 94/9/EC (ATEX100a)
- Flexibility due to multi-head pumps



Electropolished pumphead Ra <0,8µm with pressure switch for diaphragm monitoring service



Clamp-connection and ball valve in SS316L with Ra <0,8µm, PTFE gaskets (FDA approved)

Flow rate

Type	max. flow rate* (l/h)				max. pressure * bar	connections
	stroke frequency 1/min 50	72	100	144		
DS 15	5	7,5	10	15	20	½" Clamp
DS 50	17,5	25	35	50	10	½" Clamp
DS 100	35	50	70	100	4	½" Clamp
DS 200	70	100	140	200	12	½" Clamp
DS 500	175	250	350	500	5	1" Clamp

* In the case of multiple pumps with 4-6 pumpheads the max. pressure is 50% of the value given in the table.