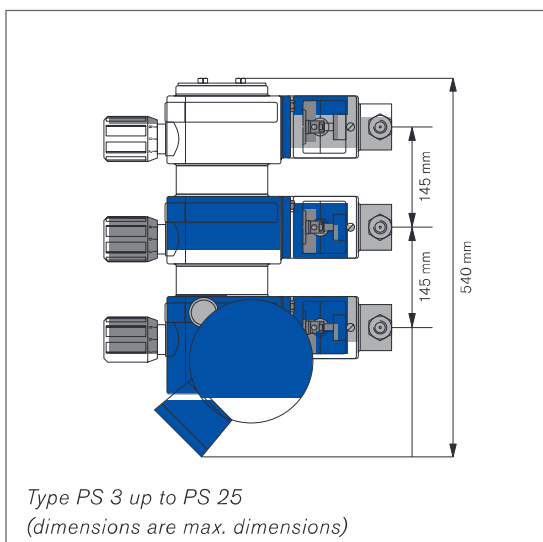
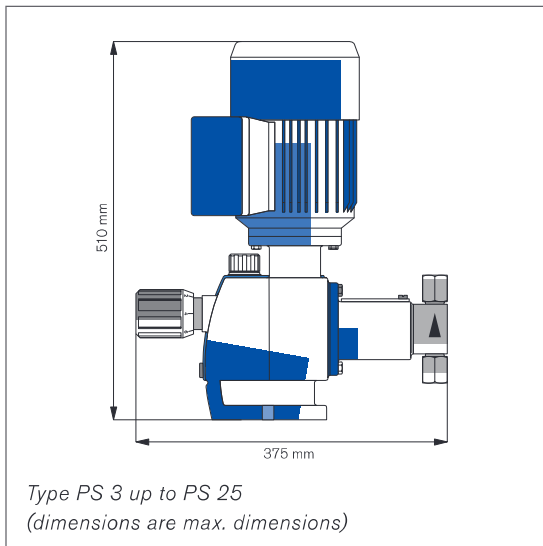


ProCam Plunger Metering Pumps



Plunger metering pump with stainless steel pump head and manual flow rate control.



Economical and reliable, the robust and compact design of the ProCam plunger pump allows high operational security.

AT A GLANCE

- Economic metering of non-hazardous fluids
- Operating pressure up to 80 bar
- Flow rates from 0.16 to approx. 60 l/h
- Robust gear technology with proven lost motion design for continuous operation at max. flow / pressure conditions
- Linear stroke adjustment with manual or electric options
- High operational security



GENERAL

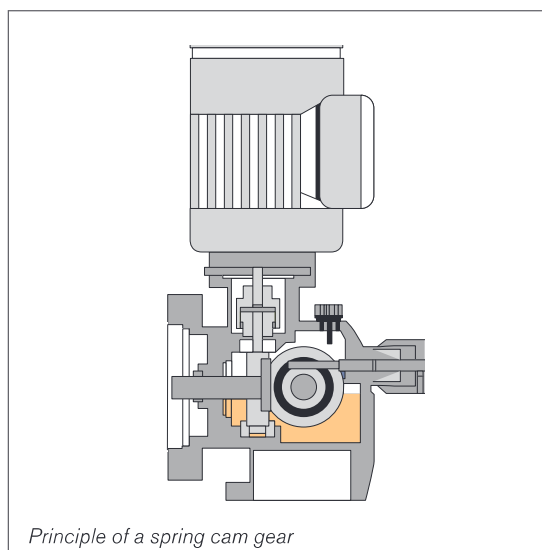
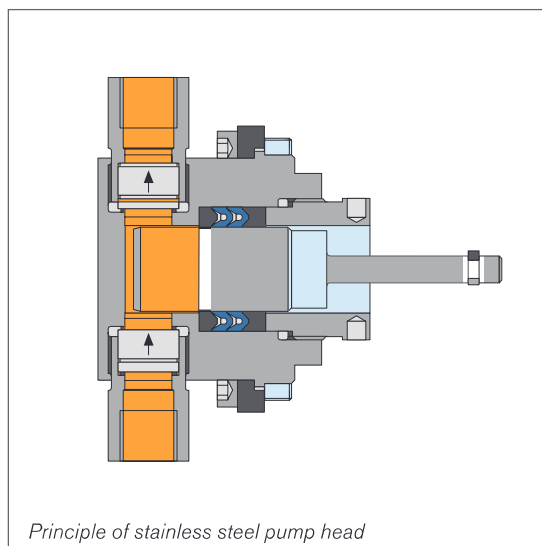
- Gear box in a rugged cast iron housing
- Integrated worm gear
- Splash lubrication
- Electric motor (IEC, IP55)

STANDARD

- Single pump with plunger pump head
- Manual stroke adjustment
- Electric motor with fixed speed
- Materials for pump head and valve housing
 - Stainless steel

OPTIONS

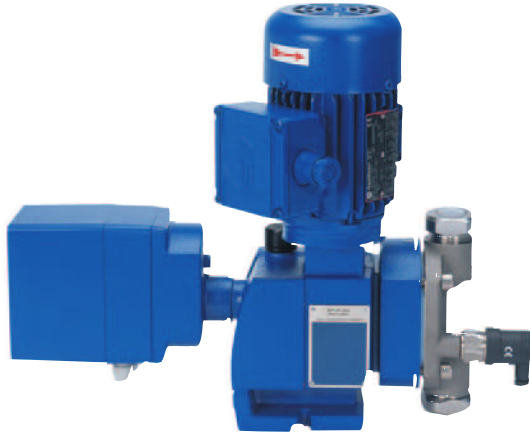
- Multiple pumps with up to 6 plunger pump heads are available
- Can be combined with ProCam diaphragm metering pump
- Electric stroke length adjustment (also with integrated controller)
- Electric motor with variable speed
- Hazardous area design (up to Zone 1, IIC, T4)



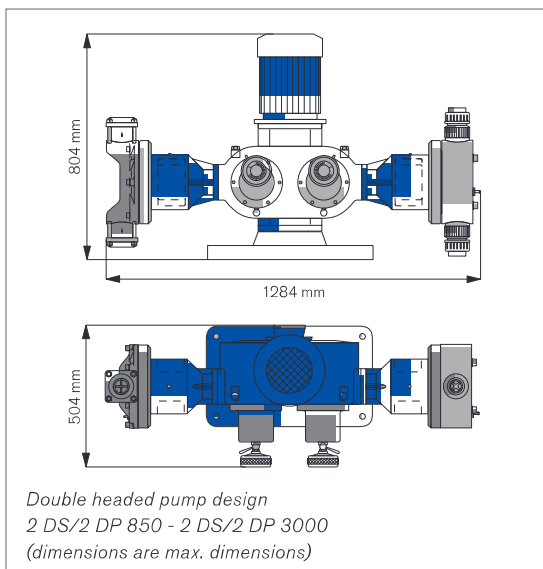
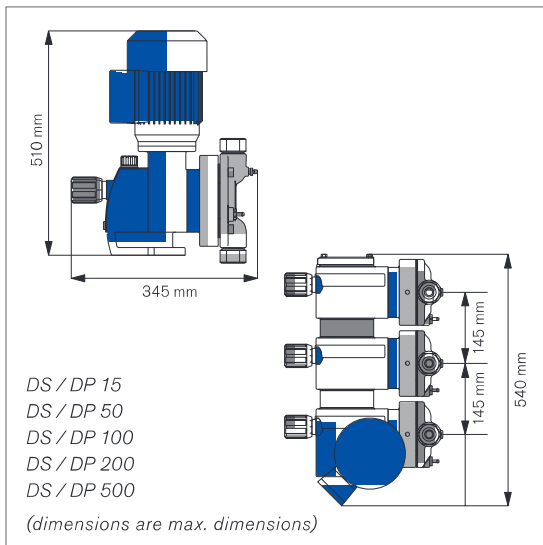
FLOW RATE AND PRESSURES

TYPE	MAX. FLOW RATE (L/H)				MAX. PRESSURE (BAR)	MATERIAL IN CONTACT WITH METERED LIQUID
	STROKE FREQUENCY (1/MIN)					
	50	72	100	144		
PS 3	0.16	0.23	0.32	0.46	80	1.4571
PS 5	0.45	0.64	0.90	1.29	80	1.4571
PS 8	1.15	1.65	2.30	3.30	80	1.4571
PS 10	3.40	4.80	6.70	9.70	80	1.4571/1.4581
PS 16	8.60	12.40	17.20	24.80	80	1.4571/1.4581
PS 25	21.00	30.20	42.00	60.40	32	1.4571/1.4581

ProCam Diaphragm Metering Pumps



Designed for operating pressures up to 20 bar
and flow rates up to 3,000 l/h



Our classic series of mechanically actuated double diaphragm pumps for low to medium range applications, brings the advantages and security of the double diaphragm concept to a wide variety of applications at an economical price.

AT A GLANCE

- Hermetically sealed pump head with mechanically operated PTFE double diaphragm allowing
 - safe metering of hazardous liquids
 - contamination free operation (important in potable water production)
- Allows economic operation without loss in operating safety and reliability
- 2 years warranty of PTFE double diaphragm
- Diaphragm condition monitoring
- Outstanding corrosion resistance due to high quality PTFE double diaphragm



GENERAL

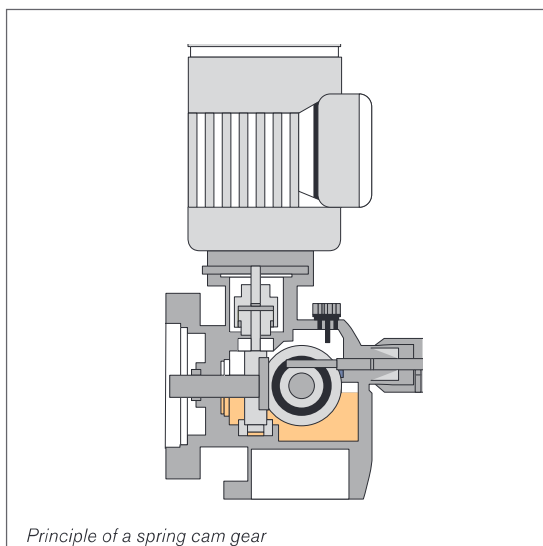
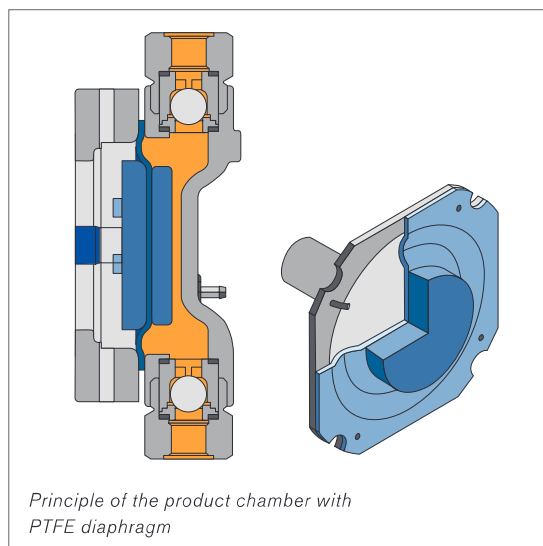
- Gear box in a rugged cast iron housing
- Integrated worm gear
- Splash lubrication
- Electric motor (IEC, IP55)

STANDARD

- Diaphragm pump with a single pump head
- Manual stroke adjustment
- Drive with fixed speed
- Materials for pump head and valve housing
 - Stainless steel
 - PVC

OPTIONS

- Multiple pumps with up to 6 pump heads are available (valid for type DS/DP15 – DS/DP500) or 2 pump heads (valid for type DS/DP850 and DS/DP3000)
- Electric stroke length adjustment (also with integrated controller)
- Electric motor with variable speed
- Hazardous area design (up to Zone 1, IIC, T4)



FLOW RATE AND PRESSURE

TYPE	MAX. FLOW RATE (L/H)					MAX. PRESSURE (BAR)
	STROKE FREQUENCY (1/MIN)					
	50	72	100	144	200	
DS/DP 15	5	7,5	10	15		20
DS/DP 50	17,5	25	35	50		10
DS/DP 100	35	50	70	100		4
DS/DP 200	70	100	140	200		12
DS/DP 500	175	250	350	500		5
DS/DP 850	300	430	600	860	1200	3
DS/DP 3000	1040	1500	2080	3000		5