

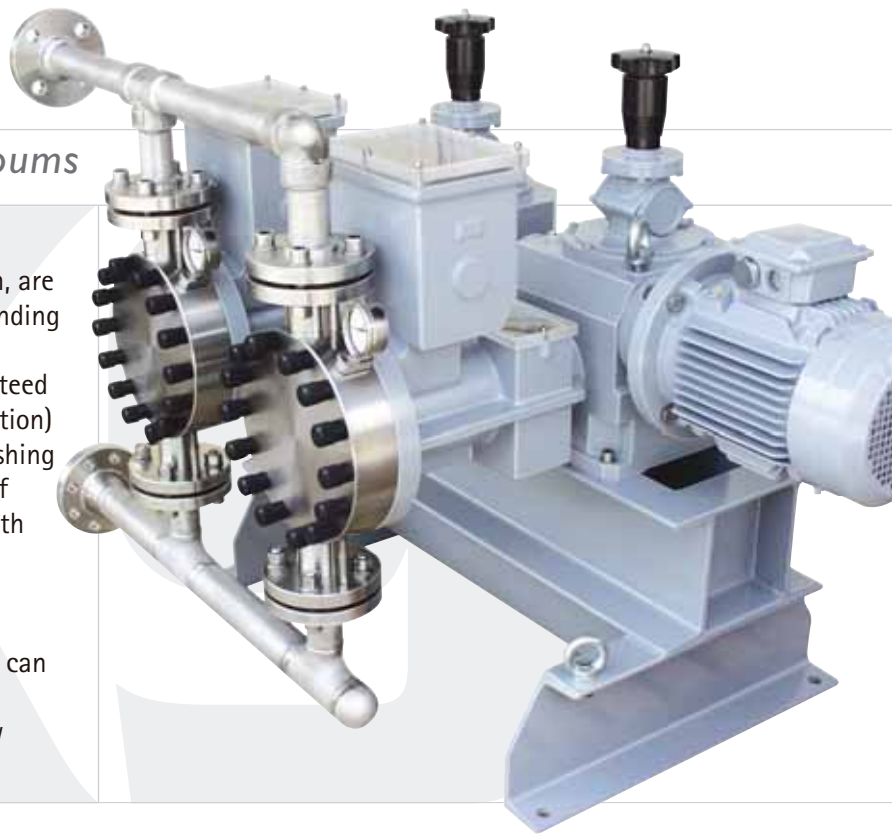
X9 Process diaphragm metering pumps

X9 series OBL metering pumps, with STD innovative double diaphragm construction, are specifically designed for continuous demanding industrial applications.

Extreme reliability and durability is guaranteed by the positive return mechanism (full motion) and by the mechanically actuated replenishing valve (smart diaphragm) and built-in relief valve. These pumps are supplied as std with local visual diaphragm burst detector via pressure gauge.

On demand, pressure switch and pressure transmitter for both safe and hazardous areas can be supplied.

Oil-bathed sealess ceramic plunger guarantees low NPSH r and minimum maintenance.



X9

API 675std

Positive return



X9 pumps, can be equipped with Z type electrical actuator, with following characteristics:

- IP 66 STD
- Manual emergency override
- Anticondensation heater (on demand)
- Non standard voltages and frequencies (on demand)

Flow rate is adjusted according to following input signals:

- 4-20 mA, 0-20 mA, 20-4 mA e 0-10 V
- Pulses (0÷2 Hz - 0÷30 Hz)
- RS 485 protocol
- PROFIBUS®



On demand X9 pumps can be supplied with pneumatic or electric actuator for remote capacity adjustment in hazardous areas.

Typical X9 applications:

- OIL&GAS
- CHEMICAL AND PETRO- CHEMICAL
- POWER STATION (boiler water & cooling water)
- FOOD INDUSTRY
- PULP&PAPER



- Modular horizontal pumps combination with different sizes and strokes per minute (each pump has its own independent internal reduction gear), for pulse-less or different injection points technical requirements.
- X9 STD pump head material include SS316L, PVC, PVDF and PTFE. Special construction with exotic materials on demand.
- X9 series conform to API 675 standard, meeting its constructional, design and performances requirements.
- X9 series compliance (94/9/CE), suitable for installation in group II, category 2 (zone 1/21) and group II category 3 (zone 2/22).

