

2622-4-3 / Ultra flushable pump

Application fields

1K or 2K painting line. Suited for waterbased or solvent based paints.

Fast and efficient color change

This very high precision metering gear pump meets all the highest requirements in the worldwide painting industry. Its «dead zones free» internal design allows a perfect color change in a minimum time span and a minimum flushing medium consumption. Flushing is done thanks a bypass block with an integrated flushing medium injection, piloted by a second valve.

Strong and robust

All parts of the gear pump are made in tempered stainless steel. A «state of the art» parts finishing in addition to some hightech surface treatments - friction free - increase the pump life span, even with highly abrasive paints.

Highly customizable

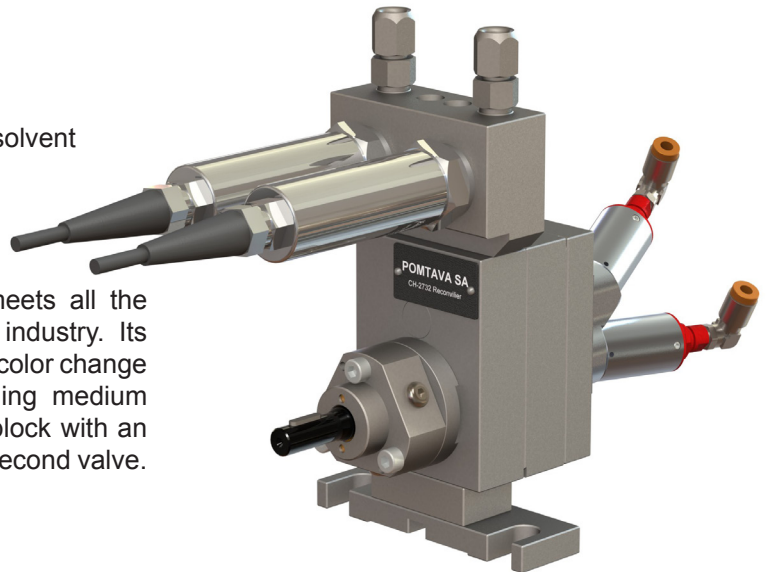
A lot of things can be customized according your needs, like the I/O connecting block, drive shaft height, types of surface treatment, bearing material, etc.

Pump data

Drive shaft sealing :	PE and PTFE lip seals + optional liquid barrier
Direction of rotation :	Clockwise or / and anti-clockwise rotation
I/O port :	Connecting block with I/O G1/4" on the pump body
Pump material :	Heart tempered stainless steel
Surface treatment :	ADLC (amorphous diamond-like carbon)
Pneumatic valves type :	410-C

Pump performance

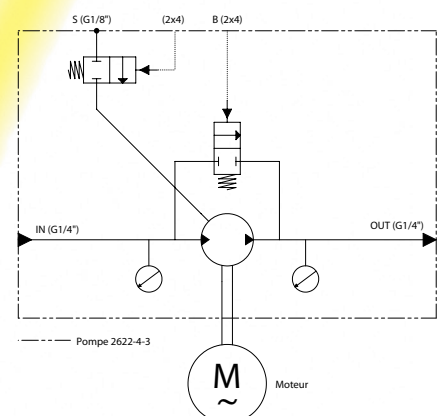
Rotation speed :	up to 150 rpm <i>(depending on product involved)</i>
Metering accuracy :	± 2 % of nominal value
Metering repeatability :	0.1 % of actual value
Feeding pressure :	up to 15 bar
Output pressure :	up to 15 bar <i>(ΔP should not be higher than 2 bar)</i>
Admissible viscosity :	up to 1'000 mPas
Max. needed torque :	5 Nm
Flushing time :	max. 9 sec
Solvent consumption :	220 ml
Max. temperature :	40 °C



Available pump sizes

3 cc/rev
6 cc/rev
10 cc/rev

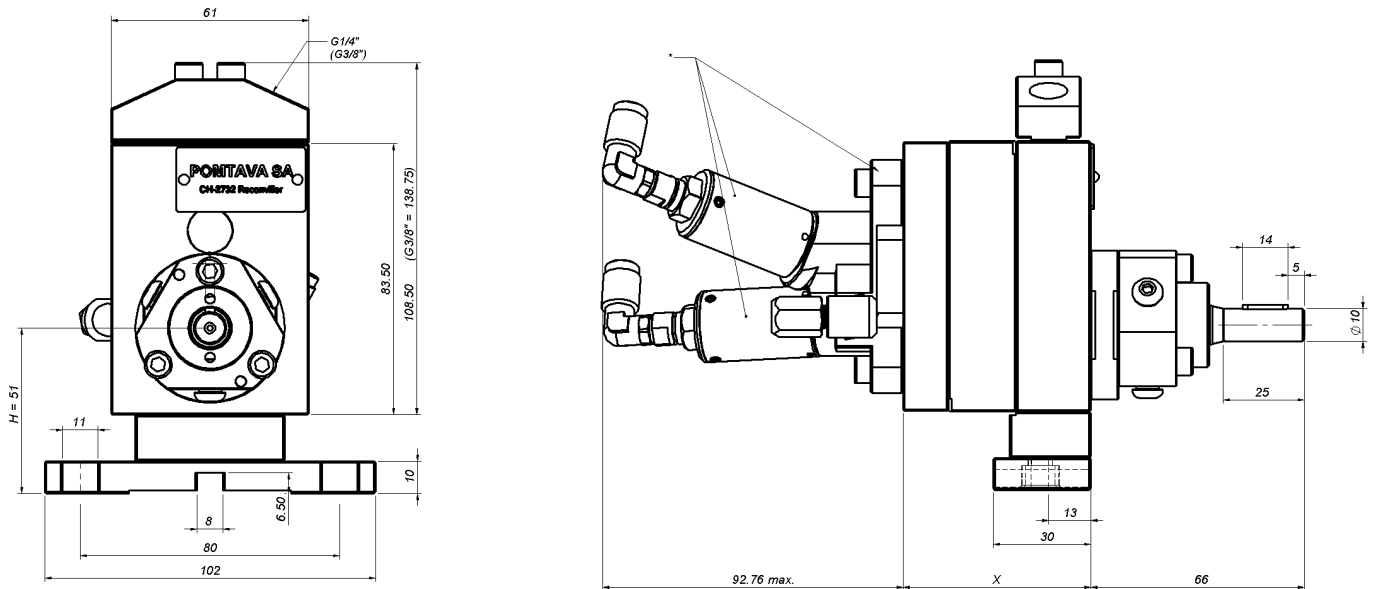
Process diagram



Options / Accessories

- Bypass block with 2 pneumatic valves
- I/O Connecting block with 2 threadings for pressure sensors
- Adjustable drive shaft height
- Different kind of fittings (straight or elbowed) and valves

Pump dimension



Typical pump output performance curve

