

A new generation of painting pumps

- The perfect solution for your embedded painting system
- Light and compact design, 35% lighter than previous version
- Ultimate flushing capability thanks to shaft flushing function
- New PFAS-free, long lasting sealing technology
- Fully compatible with previous generation of RPPT gear pumps

Application fields

1K or 2K painting line. Suited for the latest technology of waterbased or solvent based paints and hardeners

Available pump sizes

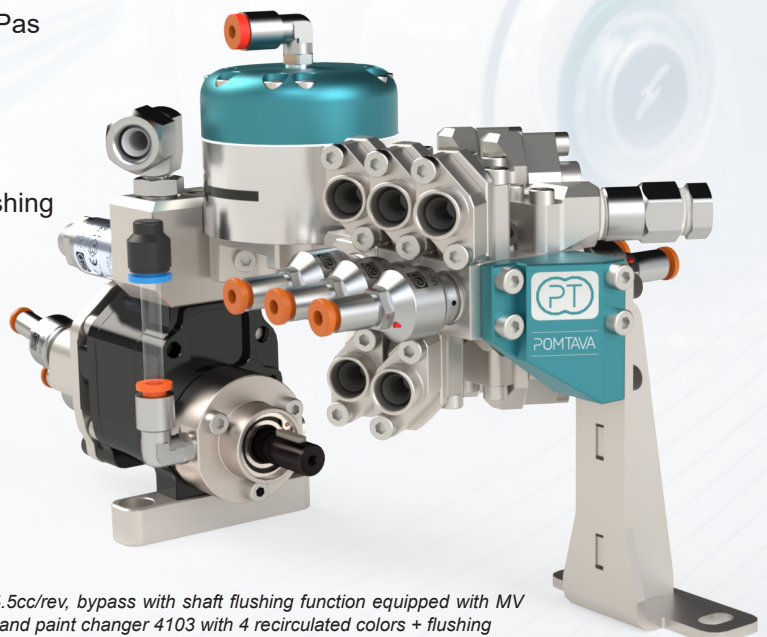
0.3 cc/rev 0.6 cc/rev 1.2 cc/rev 1.8 cc/rev 3.0 cc/rev 4.5 cc/rev 6.0 cc/rev 9.0 cc/rev

Pump data

Sealing :	PE lip seals with additional liquid barrier (included optional level gauge)
Surface treatment :	ADLC (Amorph Diamond-Like Carbon) on all parts in contact with the liquid
Rotation speed :	Up to 150 rpm (depending on product metered)
Rotation :	Clockwise rotation (A) / Counterclockwise rotation (Z)
Temperature :	Max. 60°C
Output pressure :	Max. 16 bars
Input/Output :	2 holes Ø 4mm on the body of the pump / Customized connecting block
Driving shaft diameter :	Ø10mm with a 3mm key
Max. needed torque :	3 Nm
Nominal accuracy :	± 2% of nominal value
Repeatability :	0.5% of previous value
Viscosity range :	from 10 to 2'000 mPas
ATEX certification :	Zone 1

Available version

RPPT3-4-3	Bypass + Shaft flushing
RPPT3-4-2	Bypass
RPPT3-4-1	No bypass



Example of complete system integration with RPPT3-4-3 gear pump in 4.5cc/rev, bypass with shaft flushing function equipped with MV microvalves, pressure regulator 1:1 PT-REG, pressure transmitters TPPT and paint changer 4103 with 4 recirculated colors + flushing