

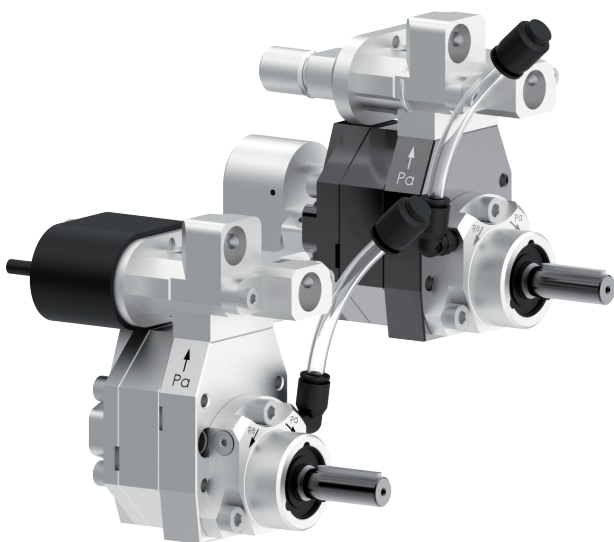
EcoPump9 GW 20

Gear Wheel Pump

Description

The **EcoPump9 GW** is a highly efficient gearwheel pump, cavity-free when executed in compact configuration, achieving a perfect color change with a very low purging time. It has been manufactured and tested according to Dürr's well-proven quality standards. Performance and long life are further

outstanding features that meet highest requirements. Based on decades of experience in the area of paint application, the **EcoPump9 GW** has emerged as the perfect device for 1K and 2K dosing of water and solvent based paint.



Customer Benefits

- » Low space required due to small design
- » Minimal purging time by reduced clearance volume
- » Targeted purging of the shafts and bearing bore by patented wash-up system
- » Fast pre-paint by bypass valve (with purgeable pump)
- » High stability due to patented construction
- » Usage of hardened stainless steel with DLC coating to reduce friction and abrasion
- » Modular pump concept
- » Quick disassembly of paint hoses through Dürr paint fittings
- » Large operating range
- » Simplified service & maintenance
- » Tested according to Dürr quality standards
- » ATEX Ex 2G c T4



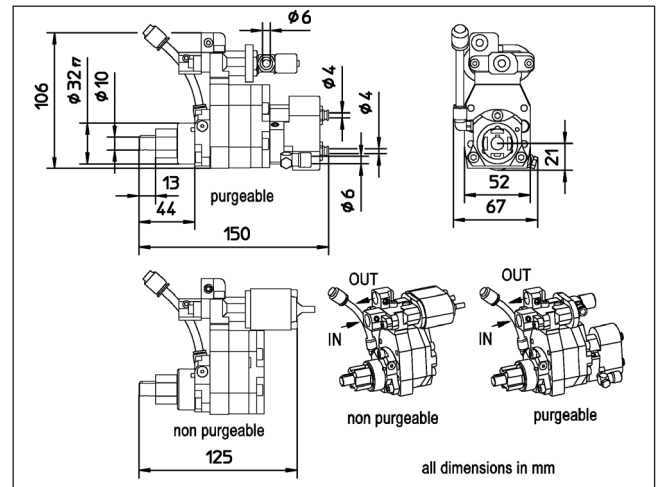
EcoPump9 GW 20

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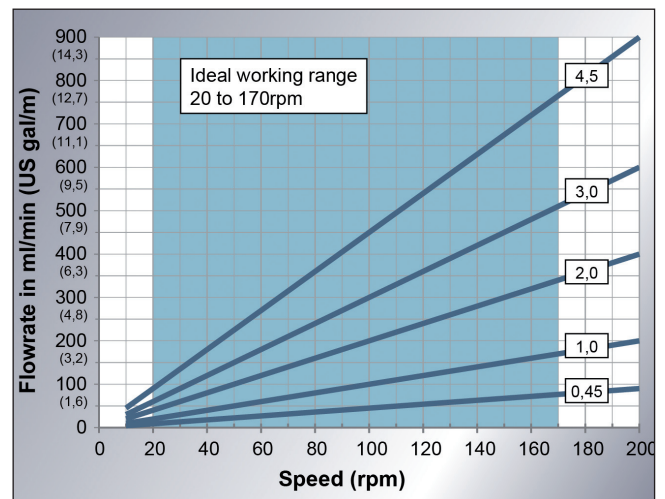
Specification

Weight	1,4-1,8 kg
Material Housing	Stainless steel
Parts contacted by media	Stainless steel
Connector Inlet	Dürr Paint Fitting
Connector outlet	Dürr Paint Fitting
Speed max.	200 rpm
Speed min.	20 rpm
Purging Speed	42 rpm
Dosing Accuracy (+/-)	2,0-3,0%
Rotating Direction	right, left
Drive Torque	13 / 30 / 40 Nm
Working Peak Torque	1,9-3,4 Nm
Flow per Revolution	0,45-4,50 cm ³
Air Pressure max.	10,0 bar (145,0 psi)
Pressure Difference In/Outlet	3,0 bar (43,5 psi)
Pressure Purge Solvent V5	5,0-10,0 bar (72,5-145,0 psi)
Fluid Pressure Outlet max.	20,0 bar (290,0 psi)
Fluid Pressure Inlet min.	0,5 bar (7,0 psi)
Fluid Pressure Inlet max.	20,0 bar (290,0 psi)
Operating temperature min	10 °C (50 °F)
Operating temperature max	40 °C (104 °F)
Viscosity min.	20 mPa.s
Viscosity max	250 mPa.s
Leakage Identification	Liquid seal
ATEX Marking	Ex 2G c T4

Dimensions



Characteristics



Further Information

If you require further information please do not hesitate to contact our Sales Team at +49 7142 78-0 or Industrial.Products@durr.com

Accessories

Part No.	Description
N10190001	Metering unit GW 20 w/o drive
N10190002	Metering unit GW 20 w/o drive, grp-shaft
M58030136	Insertion nipple cpl. 4x6 L24 VA5
M58030134	Insertion nipple cpl. 6x9 L26,9 VA5
M57030038	Elbow screw connection cpl. 4x6 D3,3 90°
M57030039	Elbow screw connection cpl. 6x9 D5 90°
N23150057	Digital servomotor 0,8Nm 9000RPM
N23150066	Digital servomotor 0,8Nm 9000RPM 2G
N23150067	Digital servomotor 0,8Nm 9000RPM FM
E09520015	Special line Li12YC11Y2x0,5+4x2x0,25 CP
E09520016	Special line 4x1,5+2x(2x0,5D12Y) High fl