

# G

## Positive displacement external gear pumps

### GS / GK Series - Dosing and Transfer Pump

Suitable for pumping liquids with a viscosity from 1 to 100.000 mPas. In case of medium or high viscosity fluids they can operate as a dosing pump through a variable speed drive. Casing and gears are made from full bar of different materials.



#### FLOW

max 99.000 l/h - 363 USGPM



#### VISCOSITY

1 - 100.000 mPas



#### PRESSURE

max. 15 bar – 218 psi



#### SEAL

Packed gland, Single mechanical seal  
Magnetic coupling



#### TEMPERATURE

max. 200°C - 392°F



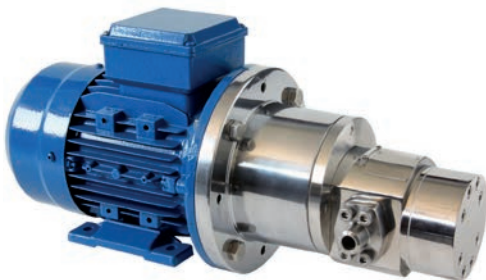
#### MATERIAL OF CONSTRUCTION

EN GJL-250 cast iron, EN GJS-500 ductile iron, AISI 316L stainless steel, Hastelloy C, Titanium, Bronze



#### VERSIONS

ATEX   
EC 1935/2004



### GN Series - Dosing Pumps

Suitable for applications in sectors like chemicals, pharma, cosmetics, food, textile, and general industry. Pumped fluids: Additives, Acetone, Gasoline, Chocolate, Butter, Fruit Juice, Kerosene, Solvents, Shampooing, Inks. They are built to ensure no seizing in case of dry running and to allow internal cleaning with C.I.P. / S.I.P. cycle.



#### FLOW

0,5 - 38.000 l/h / 0,001 - 140 USGPM



#### VISCOSITY

0,2 - 150.000 mPas



#### PRESSURE

max. 20 bar – 392 psi



#### SEAL

Single mechanical seal  
Magnetic coupling



#### TEMPERATURE

40°C / +250°C – 104°F / 482°F



#### MATERIAL OF CONSTRUCTION

AISI 316L stainless steel, Hastelloy C, Titanium, PTFE, PVDF



#### VERSIONS

ATEX   
EC 1935/2004



# Positive displacement external gear pumps

## GW Series – Dosing Pumps

Suitable for transfer and dosing of low lubricant fluids at very low viscosity from 0,2 mPas

- Dosing of fluids to fill tanks in chemical / cosmetics / pharmaceutical / food industries
- Water spraying



### FLOW

11 - 460 l/h / 2,4 - 321 USGPM



### VISCOSITY

0,2 - 10.000 mPas



### PRESSURE

max. 15 bar / 145 psi



### SEAL

Single mechanical seal  
Magnetic coupling



### TEMPERATURE

-40°C / +200°C / -40F - 392°F



### MATERIAL OF CONSTRUCTION

EN GJL-250 cast iron, AISI 316L stainless steel  
Bronze



### VERSIONS

ATEX   
EC 1935/2004

## GS - GK - GN - GW - GF

Model	Ports Size		Performance		
			Speed (max)	Max Capacity (1740 rpm)	Pressure
	mm	in	rpm	m <sup>3</sup> /h (max)	bar (max)
GS 4	20	3/4"	1740	0.42	15 (20)
GS 8	20	3/4"	1740	0.84	15 (20)
GS 12	20	3/4"	1740	1.14	15 (20)
GS 17	20	3/4"	1740	1.74	15
GS 34	25	1"	1740	3.48	15 (20)
GS 48	25	1"	1740	5.22	15
GS 83	50	2"	1740	8.4	15 (20)
GS 120	50	2"	1740	12	15 (20)
GS 157	50	2"	1740	15.6	15
GS 234	65	2 1/2"	1740	23.4	15 (20)
GS 316	65	2 1/2"	1740	31.5	15 (20)
GS 386	65	2 1/2"	1740	38.4	15 (20)
GS 466	80	3"	1740	46.5	15 (20)
GS 621	80	3"	1740	62.25	10
GS 772	80	3"	1740	76.8	10
GS 1184	100	4"	1450	99	10

Model	Ports		Performance		
			Speed	Max Capacity	Pressure
	mm	in	rpm	m <sup>3</sup> /h (max)	bar (max)
GK 4	20	3/4"	1740	0.42	15 (20)
GK 8	20	3/4"	1740	0.84	15 (20)
GK 12	20	3/4"	1740	1.14	15 (20)
GK 17	20	3/4"	1740	1.74	15 (20)
GK 34	25	1"	1740	3.48	15 (20)
GK 48	25	1"	1740	5.22	15
GK 83	50	2"	1740	8.4	15 (20)
GK 120	50	2"	1740	12	15 (20)
GK 157	50	2"	1740	15.6	15

Model	Ports		Performance		
			Speed	Dosing range (max 1450 rpm)	Pressure
	mm	in	rpm	m <sup>3</sup> /h (max)	bar (max)
GN 2	7	1/4"	500	0,001 - 0,02 (500 rpm)	15
GN 3	15	1/2"	1450	0,03 - 0,19	15
GN 8	15	1/2"	1450	0,04 - 0,5	15
GN 10	20	3/4"	1450	0,08 - 0,76	15
GN 17	20	3/4"	1450	0,2 - 1,2	15
GN 30	25	1"	1450	0,4 - 2,3	15
GN 49	40	1 1/4"	1450	0,5 - 3,9	15
GN 78	40	1 1/4"	1450	0,9 - 6	15
GN 98	40	1 1/4"	1450	1,1 - 7,5	5
GN 150	50	2"	1450	1,6 - 11,5	15
GN 208	50	2"	1450	3 - 17,5	15
GN 276	50	2"	1450	5 - 22,5	15
GN 555	80	3"	700	7 - 18	10
GN 740	80	3"	700	10 - 24	10
GN 1184	100	4"	700	16 - 38	10

Model	Ports		Performance		
			Speed	Max Capacity	Pressure
	mm	in	rpm	m <sup>3</sup> /h (max)	bar (max)
GF 5	15	1/2"	1740	0.42	15
GF 10	20	3/4"	1740	0.84	15
GF 15	20	3/4"	1740	1.2	15
GF 20	20	3/4"	1740	1.8	15
GF 26	25	1"	1740	2.76	15
GF 38	25	1"	1740	3.48	15
GF 51	20	1"	1740	5.2	15

Model	Ports		Performance		
			Speed	Max Capacity	Pressure
	mm	in	rpm	m <sup>3</sup> /h (max)	bar (max)
GW 2	10	3/8"	1450	0.14	10
GW 3	10	3/8"	1450	0.24	10
GW 6	10	3/8"	1450	0.46	10