

# GRD-GMD Series

ELECTRICALLY OPERATED PUMP WITH RESERVOIR



## CHARACTERISTICS

- For Oil
- Compatible with O10 System
- Float level sensor
- Tank: 2-2,7-3 Lt
- Flow rate: 350-500 cm<sup>3</sup>/min
- Pressure relief valve
- Max. pressure valve

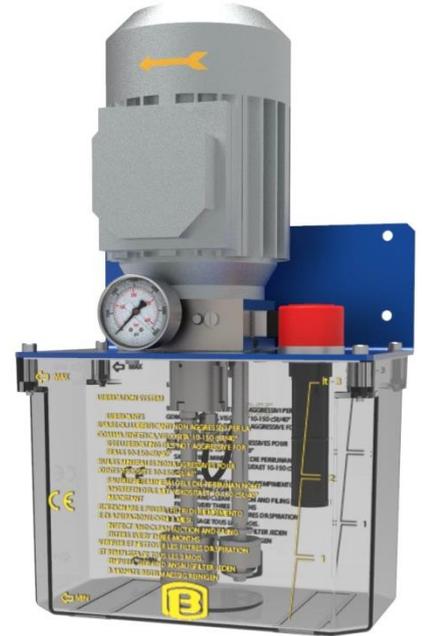
## GRD-GMD Series

### DESCRIPTION

Units equipped with electric motor **three-phase**, 90 W and **single-phase**, 90 W provided for the supply of centralized lubrication system **operating with Oil**.

The pumps with flow rate 350-500 cm<sup>3</sup>/min., are equipped with max. pressure valve, pressure gauge and decompressor. All metal tanks have a visual level indicator, while the thermoplastic types are transparent. All the units can be arranged with a pressure switch on board. They then allow you to control the pressure of the system through **NA contact**.

The pressure switch is adjustable from 10 to 20 bar and is calibrated to test at 18 bar and protected by a black rubber cap. The level contact is normally NA and can also be required in NC.



## TECHNICAL DATA

ELECTRIC FEATURES	
Degree of motor protection	IP 55
Minimum level	With float
Float level output signal	Contact cleaner max voltage 50V, max power 50 W. NA Contact.
Connector for level (optic float)	DIN 43650
Pressure switch	Alarm contact closed at max.calibration pressure (18 bar)
Pressure switch output signal	Contact cleaner max voltage 42V, max. power 100 W
HYDRAULIC SPECIFICATIONS	
Pumping system	Gear pump
Maximum operating pressure	- 70 bar - triphase motor (At intermittent running max 5 min with 1:1 pause ratio). - 40 bar (single-phase motor) - max 30 bar at continuous service
Outlet connection	G1/8" BSP
Tank capacity	2, 2,7, 3L
Filter	Filtering degree 1000 µ
By-pass	Adjustable 0÷70 bar – pre-set 22÷28bar
Operating temperature	+ 5 ÷ + 70 °C
Operating humidity	90 % rel humidity.
Lubricants	Lubricating Oil min. 32 cSt
Storage temperature	-20 ÷ +65 °C
Continuous sound pressure level	< 70 dB(A)

## APPLICATIONS

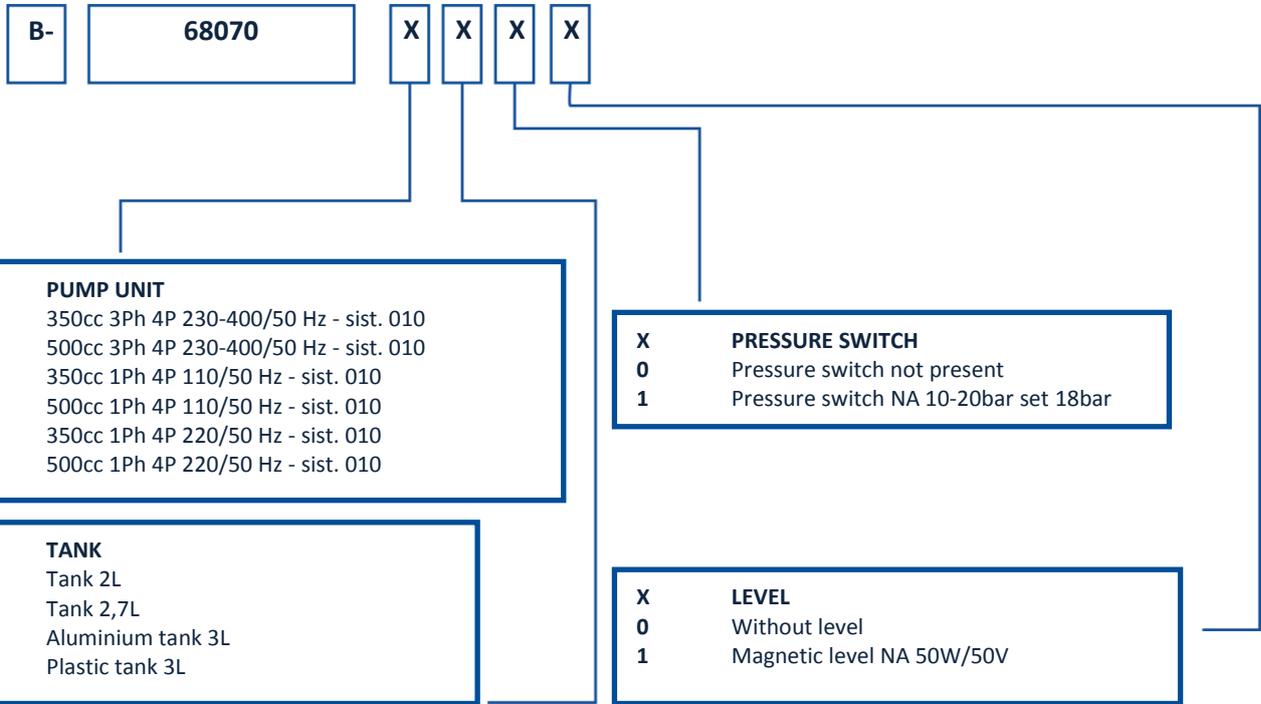
- Machine tools
- Medium size presses
- Packaging machines
- Presses for plastic injection
- Gearboxes

# GRD-GMD Series

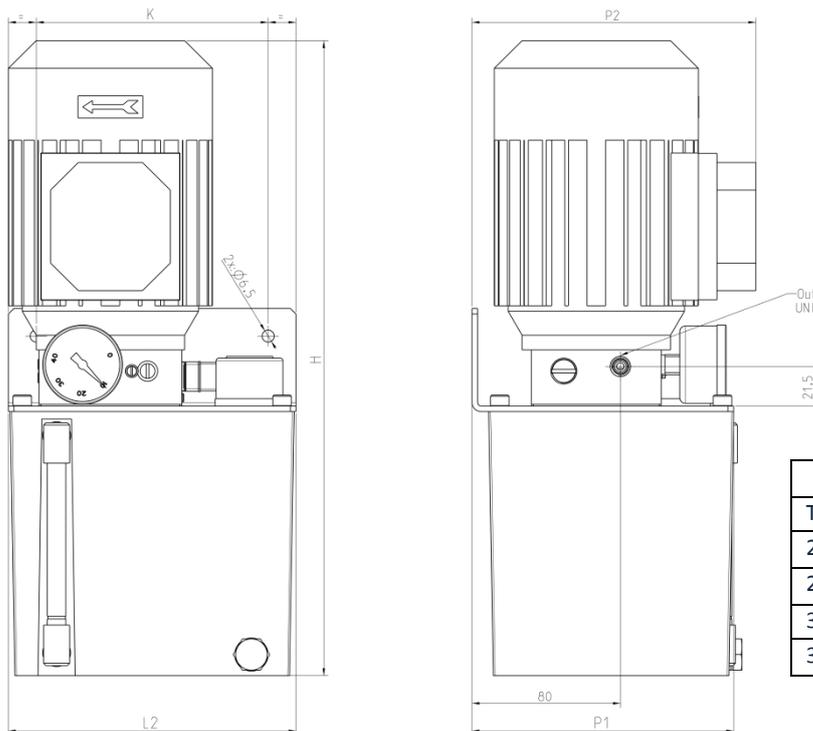
ELECTRICALLY OPERATED PUMP WITH RESERVOIR



## PRODUCT COMPOSITION



## DIMENSIONS



VARIED DIMENSIONS						
TANK	H	L1	L2	P1	P2	K
2L ALUMINIUM	345	155	155	141	153	125
2.7 PLASTIC	353	155	155	141	153	125
3L PLASTIC	353	206.5	207	141	153	180
3L ALUMINIUM	354	195	195	145	153	165

# GRD-GMD Series

ELECTRICALLY OPERATED PUMP WITH RESERVOIR



**TECHNOSYSTEMS**

A **DropsA** Company

