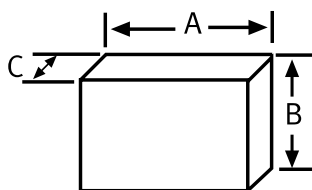




OIL TRANSFER PRESSURE UNITS GP N - 1 PUMP

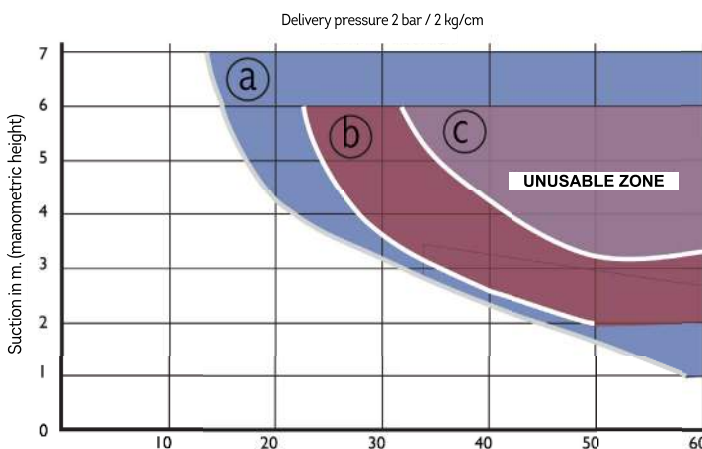
MODEL		GP-70 N	GP-130 N	GP-200 N	GP-300 N	GP-500 N	GP-800 N	GP-1500 N
FLOW	l/h	70	130	200	300	500	800	1500
CONNECTION TO THE HYDRAULIC CIRCUIT (Ø THREAD / Ø MM)	SUCTION	1/2" F	1/2" F	1/2" F	3/4" F	1" F	1" F	1" F
	DRIVE	3/8" F	3/8" F	3/8" F	1/2" F	1/2" F	1/2" F	3/4" F
POWER SUPPLY	VOLTS	230/400 D	230/400 D	230/400 D	230/400 D	230/400 D	230/400 D	230/400 D
MOTOR POWER	C.V.	1/4	1/3	1/3	1/3	1/2	3/4	1 1/2"
	KW	0,18	0,25	0,25	0,25	0,37	0,55	1,1
MAX. PRESSURE	Kg/cm ²	3,5	3,5	3,5	6	6	6	6
SAFETY VALVE OPENS AT:	Kg	4	4	4	6,5	6,5	6,5	6,5
MOTOR PROTECTION	IP	55	55	55	55	55	55	55

- (*) There is a 230 single-phase version (W)
- Sound level: 58 db (A)



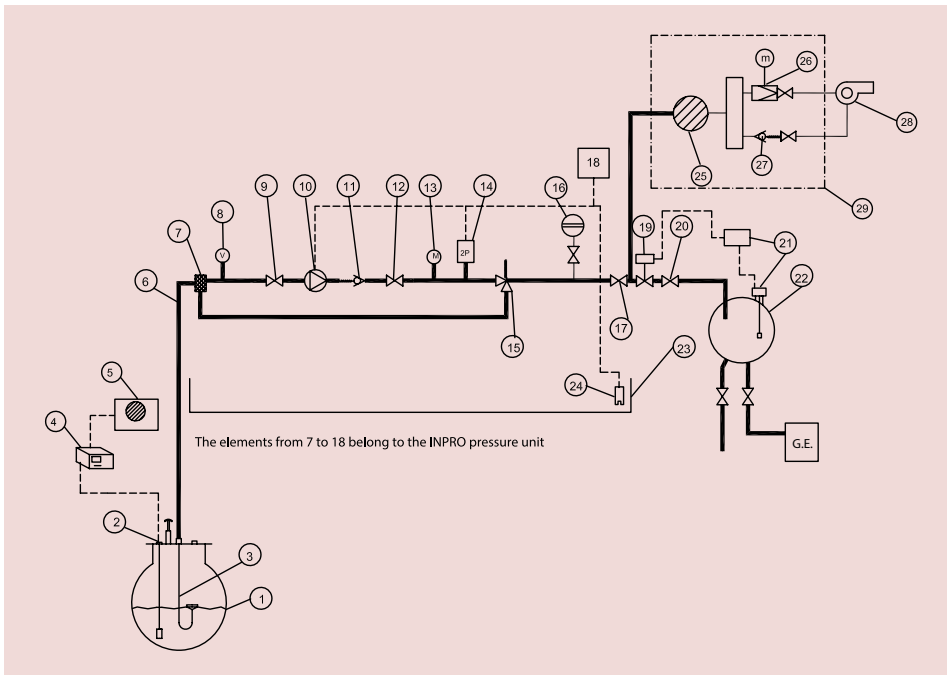
MODEL	GP-70 N	GP-130 N	GP-200 N	GPS-300 N	GP-500 N	GP-800 N	GP-1500 N
A	460	460	460	600	600	620	1170
B	510	510	610	700	700	720	970
C	300	300	300	350	350	400	650
Approx. Weight (kg)	18,2	21,8	21,8	31,2	33,6	36	89

SUCTION DIAGRAM



UNUSABLE ZONE

- (a) Pressure Unit GP-30
- (b) Pressure Unit GP-70, GP-130 y GP-200
- (c) Pressure Unit GP-300, GP-500, GP-800 y GP-1500



- 1) Main storage tank
- 2) EDM-40 Remote level gauge probe
- 3) Floating suction
- 4) EDM-40 Remote level gauge screen
- 5) Overfill prevention kit
- 6) Intake pipe
- 7) Filter
- 8) Vacuum gauge
- 9) Quick shutoff valve
- 10) Electric gear pump
- 11) Anti-return valve
- 12) Quick shutoff valve (Only for GP-1500)
- 13) Pressure gauge
- 14) Dual purpose pressure switch
- 15) Conducted escape safety valve
- 16) Membrane expansion vessel
- 17) Quick shutoff valve
- 18) Motor protection GP
- 19) Solenoid valve
- 20) Flow limiter
- 21) SMMR 1 Level switch
- 22) Daily tank
- 23) Drip tray (included for GP-800 and above models)
- 24) Leak detection (included for GP-800 and above models)
- 25) Filter
- 26) Pressure reduction valve (using pressure gauge)
- 27) Non-return valve
- 28) Burner
- 29) Burner inlet assembly

GP N oil transfer pressure unit, one pump, for diesel oil and HVO

Scope of delivery: motor, gear pump, coupling, manifold, filter, vacuum gauge, pressure gauge, non-return valve, safety valve, shut-off valve for supply and discharge line, double function adjustable pressure switch, pressure accumulator with diesel oil-resistant membrane expansion vessel, safety valve opening at 4 or 6 bar -depending on model-. All parts mounted on a mounting plate, wired ready for connection, with oil collecting tray and leak detection sensor with 0.75 m probe cable. Voltage-free relay outputs for central building management control system, with 4 signals (BMS) (Inbuilt as standard in GP-800 and GP-1500).

Motor protection class IP-55.

The unit is built and tested according to DIN EN 12514-1

Accessories and adaptations

- Free voltage relay output to control from centralised Building Management System, in kit 3, 4 or 6 signals (2-thermal, motors 1. or 2 ON, low pressure and Leak safety ON).
- GSM alarm system by SMS messages, or connection to modem.
- Adaptation of Pressure Group for high pressure, working conditions of up to 6 Kg/cm
- Leak collector trays with infrared detectors (standard in GP-800 and GP-1500).
- Modifications to adapt to specifically regulated environments with tropicalised equipment or ATEX.
- Solenoid valves with low limiters, to automate filling in supply tanks for electrical generators.
- Soundproof sheet cabinets with UNE-25 poly-pyramid foam and lock. Manufactured with no back and made-to-measure for each Pressure Group model.
- Assembly of Pressure Groups in IP-55 cabinets for outdoor installation with exterior suction and drive pipe couplings, electric connection presses and ventilation grills.
- Line pressure switch to signal low pressure.
- Power supply failure safety system (timer deferred low pressure stop.)
- Burner inlet assembly.
- Modulating burner inlet assembly.



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