

PRODUCT DATA SHEET OIL PUMPING SET



Omnigena

PO-1 CPN

Complete set PO-1 CPN for pumping diesel, fuel oil, and other media with similar physical and chemical parameters. The liquid to be transported must not cause corrosion of the steel and should have a temperature below 30°C. The set includes: pump with motor, flow meter, stand with cover and accessories: suction hose with suction basket and non-return valve, delivery hose, and distribution gun.

FEATURES

- Pumping liquids from tanks, drums, and other containers
- Self-priming pump
- Gun with auto stop function
- Compact, functional design
- Easy to transport thanks to the contoured stand
- Flow meter with current and total counter
- Cable with plug



TECHNICAL DATA

Max. fluid temperature	30°C
Max. suction depth	2 m
Cable length	1,8 m
Discharge hose length (black)	4 m
Suction hose length	2 m
Insulation class	B
Degree of protection	IP 44

MATERIALS

Pump casing	cast iron
Motor housing	stainless steel
Blades	impact-resistant plastic
Shaft	stainless steel
Cover with stand	steel

FLOW METER

Flow range	20 ÷ 80 l/min
Operating pressure range	0.1 ÷ 3.5 bar
Ambient temperature	-10°C ÷ +50°C
Measurement accuracy when scaled	+/- 1%
Maximum measurement on the running meter (larger)	up to 999 litres
Maximum measurement on the total counter (smaller)	up to 999999 litres
Minimum indications	0.1 litres

TABLE OF PARAMETERS

Pump model	Q max Performance [l/min].	H max Head max [m]	P Motor power [W]	U Voltage [V]	I max Current [A]	RP-Ø Suction inlet / discharge outlet [cm]	Set dimensions L x W x H [cm]	Weight with/without packaging /without accessories [kg]
PO-1 CPN	40	10	150	230	1,5	GW ¾" x 1"	34x20x43	13.5/12.5/8

The manufacturer reserves the right to make design and colour changes to the product at any time without prior notice. Photographs, drawings and diagrams are for illustrative purposes only. Verification of product parameters was carried out on a selected batch. Depending on the production batch, these parameters may vary. Before purchasing the product and installation, please check the parameters of the specific unit on the nameplate. The specified parameters are obtained at the outlet of the unit without taking into account external factors, e.g. in pumps - resistance of the discharge and suction installation. The equipment parameters were obtained under laboratory conditions. The maximum motor power indicated on the rating plate is the power output at the motor shaft. Under operating conditions, there may be a difference of +/- 10% from the nameplate rating of the individual unit. Version 12.2022