

## PRODUCT DATA SHEET SUBMERSIBLE PUMP



# Omnigena

### 4 EVJ series

The 4 EVJ submersible pump, with a screwed hydraulic section, is designed for pumping clean, cold, fresh water from deep boreholes and other reservoirs.

#### FEATURES

- High lifting height
- Monoblock construction
- Can be installed in a manhole pipe with an inside diameter from 115 mm
- Pump parts in contact with water are made of stainless materials
- Four-wire, 19-metre power cable with junction box\*



#### TECHNICAL DATA

Max. water temperature	35°C
Max. immersion depth	50 m
Working position	vertical
Length of power cable	19 m*
Cooling flow min.	0.08 m/s
Max. number of starts	20/hour
Degree of protection	IP 68
Motor speed	2850 rpm
Insulation class	B

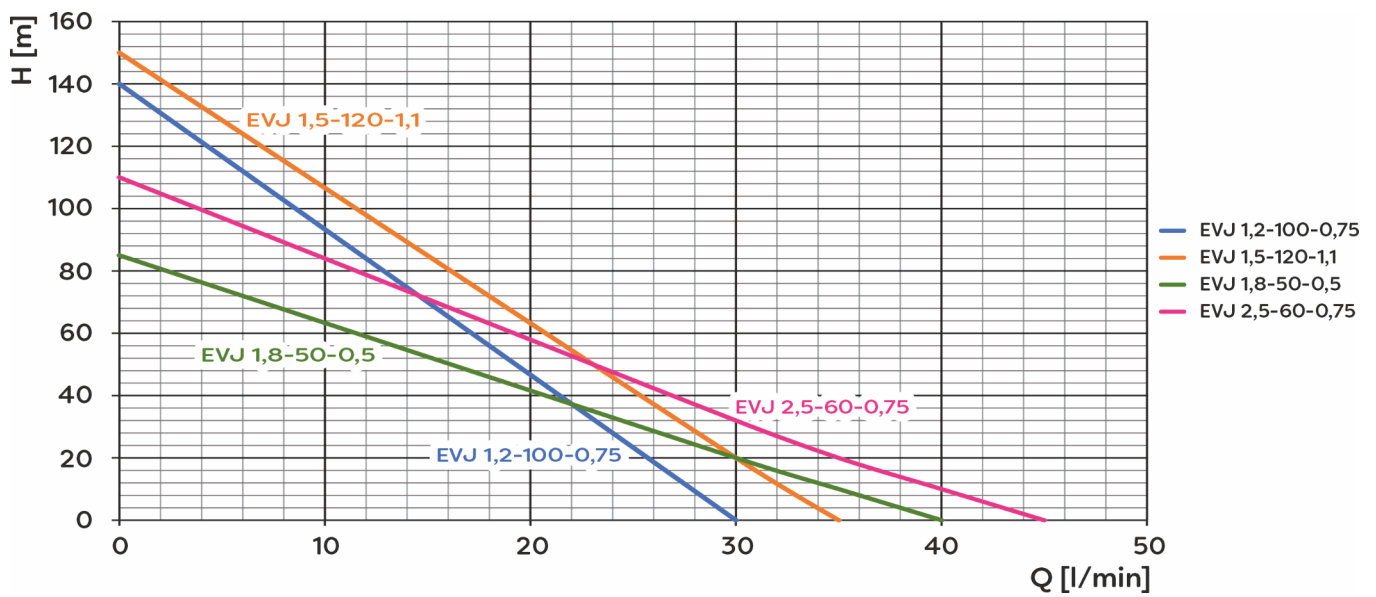
#### MATERIALS

Pump housing	stainless steel
Delivery outlet	brass
Cable sheath	stainless steel
Mechanical glands	silicon carbide/carbon
Rotor	chromium-plated steel
Inlet sieve	stainless steel
Pump stator	rubber

\* Depending on individual requirements, we can attach an additional cable of the appropriate core diameter and length (multiples of 5m) to the factory cable using a hermetic connector. We provide a guarantee for the completed connector.

**TABLE AND GRAPH OF PARAMETERS**

Pump model	Q max Flow [l/min]	H max Head [m]	P Motor power [kW]	U Voltage [V]	I Current [A]	RP-Ø Discharge outlet [inch]	H Pump height [mm]	A Pump diameter [mm]	Weight pumps [kg]
EVJ 1.2-100-0.75	30	140	0.75	230	5.6	1"	651	95	14
EVJ 1.5-120-1.1	35	150	1.1	230	7.7	1"	665	95	15
EVJ 1.8-50-0.5	40	85	0.55	230	4.6	1"	586	95	12
EVJ 2.5-60-0.75	45	110	0.75	230	5.6	1"	628	95	14



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, please check the parameters of the specific unit on the nameplate. The specified parameters are obtained at the unit output without taking into account external factors, e.g. in pumps - resistance of the discharge and suction installation. The unit parameters were obtained under laboratory conditions. Under operating conditions, there may be a difference of +/- 10 % from that indicated on the nameplate of the individual unit. The maximum motor power quoted is the power output at the motor shaft. Before installation, please check the nameplate specifications of the individual pump. Version 05.2023