

## NOCCHI DPV

### SUBMERSIBLE PUMP FOR THE DRAINAGE OF DIRTY WATER

COMPACT AND EASY TO HANDLE, EASILY TRANSPORTABLE FOR EMERGENCY USE

DPV submersible pumps for waste water are designed for domestic applications, and can be used to convey water containing impurities with a diameter up to 25 mm, to empty cess pit drains. Hose connector ø 32 supplied. Automatic version (aut) equipped with float switch.

#### MOTOR

- Single phase asynchronous electric motor with capacitor always on and incorporated heat protection
- Degree of protection IP 68
- Insulation class F
- Cable connection chamber completely insulated
- Speed of rotation 2850 rpm.

#### APPLICATIONS

- Drainage of dirty water of domestic use
- Emptying of rooms, tanks and wells

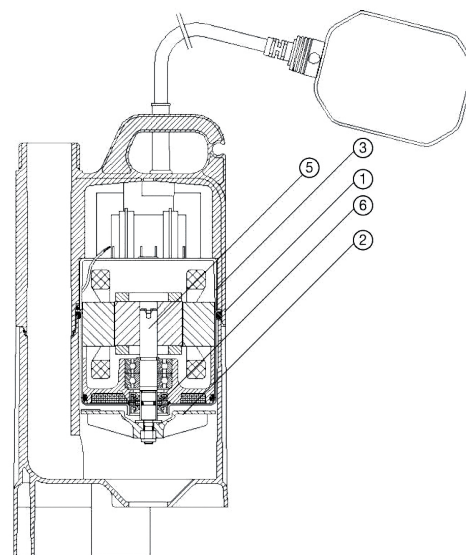
#### USAGE DATA

- Type of liquid: dirty water with suspended solids
- Maximum temperature of the liquid 40°C.
- Maximum immersion under the water level 7 m.
- Minimum drying level 35 mm
- Free passage of solids 25 mm



#### TABLE OF MATERIALS

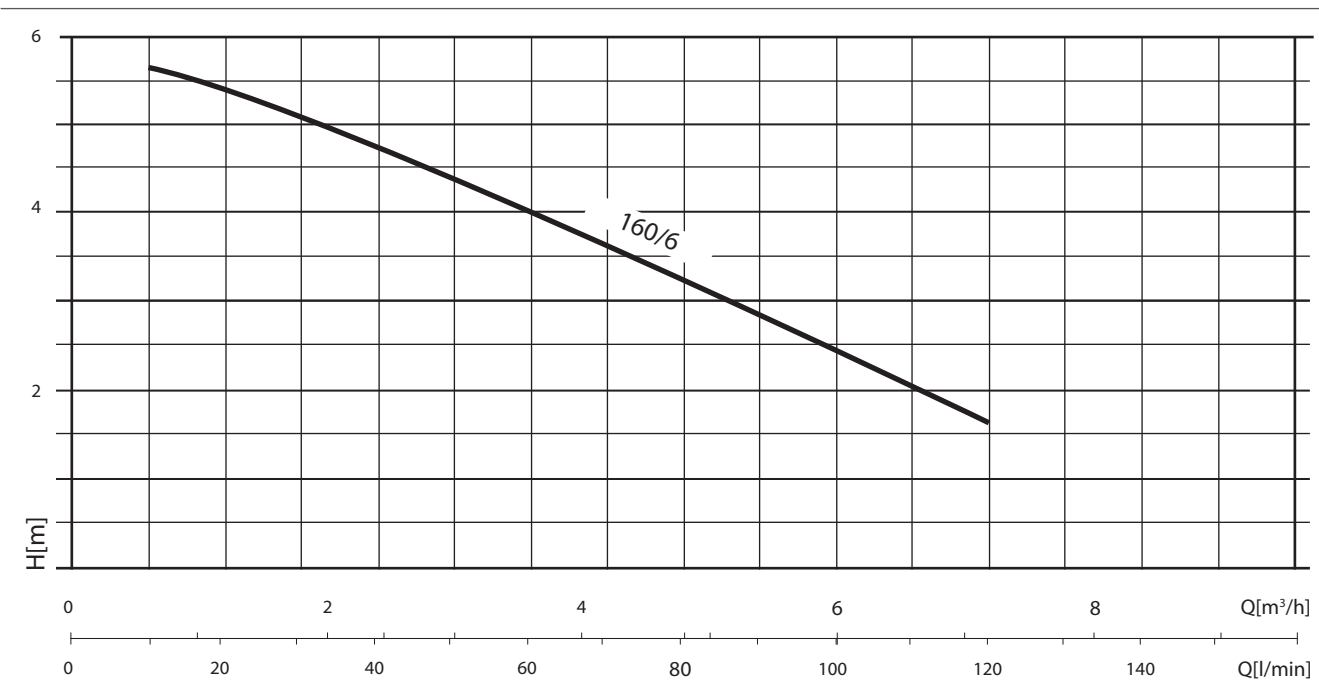
| Component |              | Material   |
|-----------|--------------|--|
| 1         | Pump body    | Technopolymer  |
| 2         | Impeller     | Technopolymer  |
| 3         | Motor body   | Stainless steel X 8 CrNi 18-10 ( AISI 304 )  |
| 4         | Supply cable | 10 m H05 RN-F with plug  |
| 5         | Motor shaft  | Stainless steel X 12 CrS 13 ( AISI 416 ) with ceramic insert at the points of wear of the seal |
| 6         | Seal         | Double fixed seal in rubber NBR70 lubricated in oil chamber                                    |



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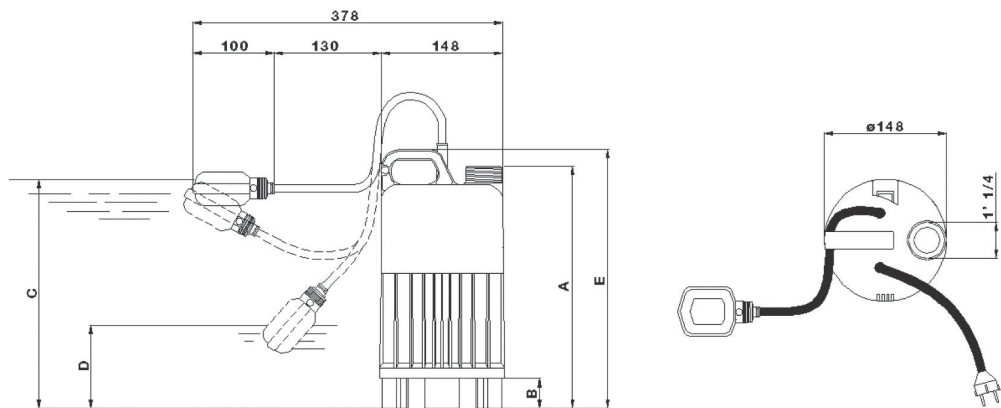
### HYDRAULIC PERFORMANCE



### PERFORMANCE TABLE

| MODEL                          | P1   |      | VOLT. (V) | In (A) | μF | Q                | L/mn | 0   | 20  | 60  | 80  | 100 |
|--------------------------------|------|------|-----------|--------|----|------------------|------|-----|-----|-----|-----|-----|
|                                | HP   | kW   |           |        |    |                  | m³/h | 0   | 1.2 | 3.6 | 4.8 | 6   |
| DPV 160/6 M<br>DPV 160/6 AUT.* | 0.56 | 0.41 | 1 ~ 230   | 1.9    | 10 | m.c.a.<br>m.c.w. | 6.5  | 5.4 | 4.2 | 3.3 | 2.4 |     |

\* Automatic version equipped with float switch.



### OVERALL DIMENSIONS AND WEIGHTS

| MODEL         | Dimensions mm. |    |     |    |     | WEIGHTS (Kg) |
|---------------|----------------|----|-----|----|-----|--------------|
|               | A              | B  | C   | D  | E   |              |
| DPV 160/6 AUT | 284            | 35 | 330 | 15 | 304 | 4.2          |

\* The connection and disconnection levels refer to the version with float switch.  
The minimum drying level refers to manual operation.