

## Flat suction submersible drainage pump for clear- and drainage water

# Chromatic C240 W Flat

### Application

Pump for conveying clean or lightly soiled water. For low level suction down to a level of approx. 2 mm. Cellar draining, keeping trenches, shafts and rooms dry. Drainage water disposal in cellar rooms (e.g. washbasins, showers, washing machines). Draining of reservoirs. Emergency deployment for flooding. A cooling jacket with discharge connector at the top ensures sufficient motor cooling even at low water level (sip operation).

**Installation:** Stationary or mobile.

**Pumped medium:** Clear- or drainage water containing solids up to 3 mm particle size.

Max. temperature of pumped medium: 35°C, for brief periods up to 60°C.

**Operating mode:** Continuous operation (S1), at medium temperature 36- 60°C: Intermittent operation (S3 30%).

### Design

Submersible pump, consisting of:

**Pump:** Single-stage centrifugal pump with vertical discharge.

**Impeller:** Open multi-blade impeller, free passage 3 mm.

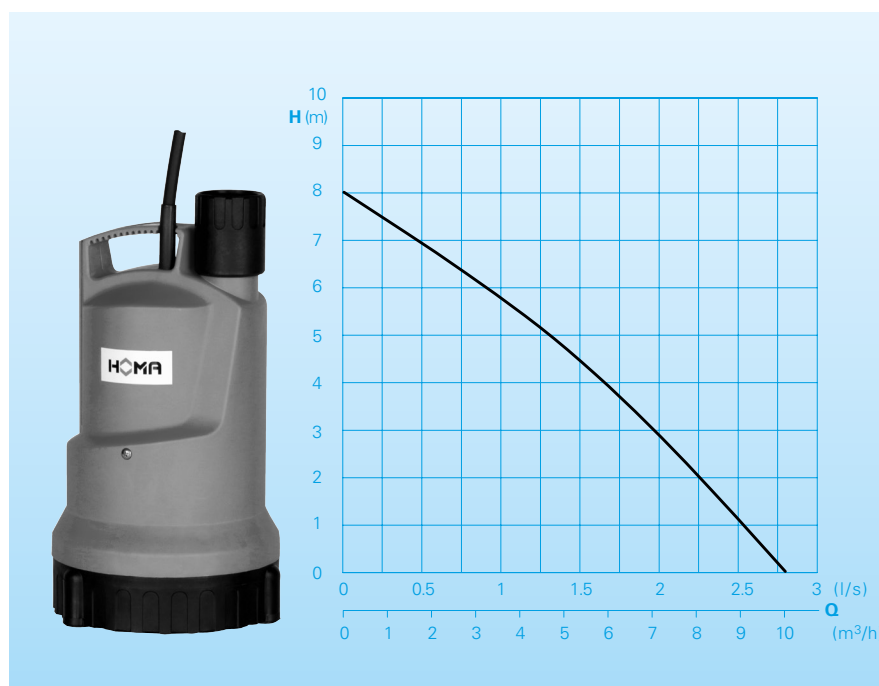
**Motor:** Pressure watertight, medium-immersed motor. Stainless steel motor housing. Insulation class B, protection rating IPX8. Thermal sensor for temperature monitoring in the winding.

Connecting cable: H07RN8-F 3G1.

**Shaft/bearing:** strongly dimensioned chrome steel motor shaft, lifetime-lubricated roller bearings.

**Seal:** Shaft seal with triple radial shaft seal and ceramic-coated sealing surface.

### Conveying capacity



### Technical data

| Pump type   | Motor input         |                     | Voltage 50 Hz (V) | Nominal current (A) | Weight (kg) |
|-------------|---------------------|---------------------|-------------------|---------------------|-------------|
|             | P <sub>1</sub> (kW) | P <sub>2</sub> (kW) |                   |                     |             |
| C240 W Flat | 0,50                | 0,25                | 230/1Ph           | 2,2                 | 5,0         |

**Rotational speed:** 2850 rpm

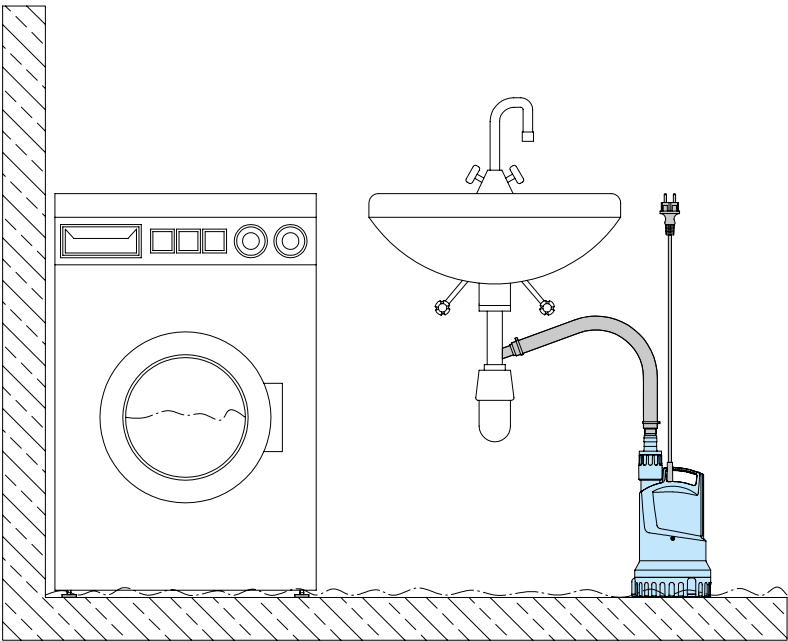
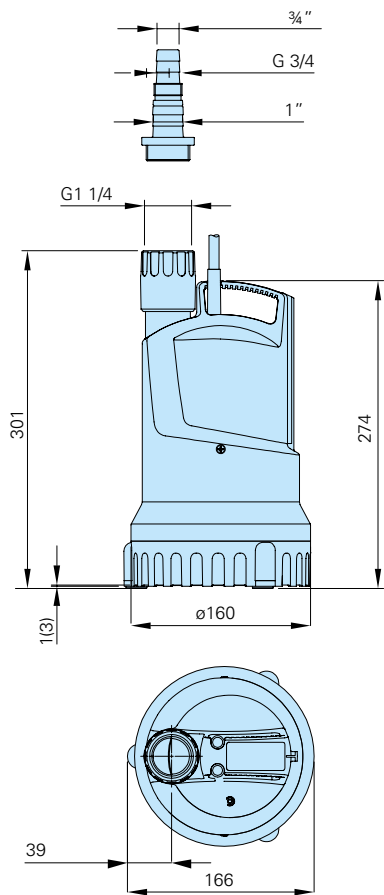
**Discharge:** G1 1/4

### Materials

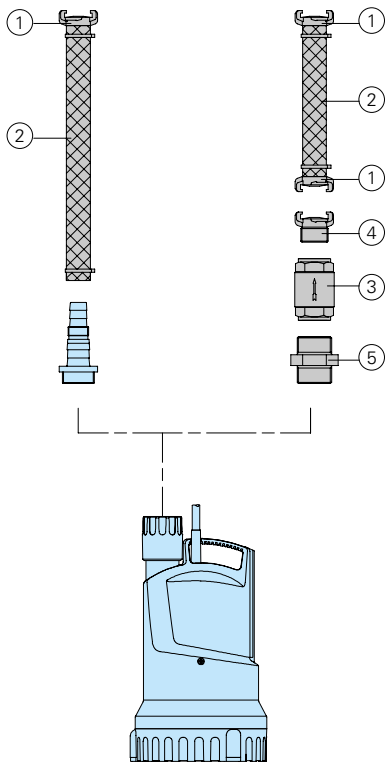
|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Motor housing, motor shaft, screws                     | Stainless steel          |
| Suction sieve, outer housing impeller, pressurized lid | impact-resistant plastic |
| Elastomers                                             | NBR                      |

### Scope of supply

Pump with twin box G 1¼ inc. washers and hose connection, 10 m of connecting cable and mains plug.



Accessories



| Description                                         | Size         | Part no. |
|-----------------------------------------------------|--------------|----------|
| ① Hose coupling, Brass                              | 1"           | 2003313  |
|                                                     | 3/4"         | 2003213  |
| ② PVC-hose, per m                                   | 1" Ø 25 mm   | 2621000  |
|                                                     | 3/4" Ø 19 mm | 2620700  |
| Plastic spiral hose, per m                          | 1" Ø 25 mm   | 2632025  |
|                                                     | 3/4" Ø 19 mm | 2632019  |
| Hose clamp                                          | 3/4" - 1"    | 2302330  |
| ③ Check valve, brass                                | BSP1 1/4"    | 2009027  |
| ④ Fixed coupling, brass                             | BSP1 1/4"    | 2005413  |
| ⑤ Double nipple, brass                              | BSP1 1/4"    | 2009019  |
| ○ Fault-current circuit breaker 2-pin, Fi 16/0.03 A |              | 1561160  |