

Low Suction Pump for clear and drainage water

Chromatic C237 W3

Application

HOMA Chromatic pumps are submersible, jacket cooled drainage pumps for pumping water from basements, cellars, sumps and collection tanks, for pumping discharge from hand basins, showers and washing machines and for flood relief. For flat-water exhaust to min. 2 mm.

The water jacket cooled motor with the top discharge protects the motor against overheating even during sip operation.

Installation: Permanent or transportable.

Pumped liquid: Clear water or drainage water containing soft solids with a maximum diameter of 3 mm. Max. liquid temperature: 35°C, short term up to 60°C.

Operation: Intermittent.

Design

Fully submersible drainage pump consisting of:

Pump: Single stage centrifugal pump with vertical discharge G 1 M.

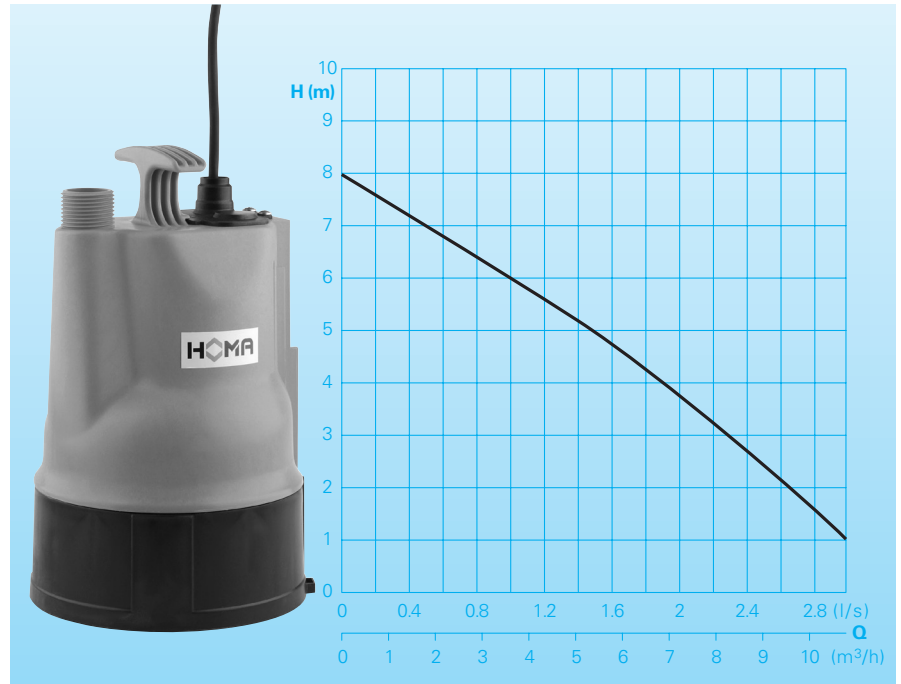
Impeller: Open multi-channel impeller, spherical clearance 3 mm.

Motor: Fully submersible, pressure tight electric motor. Stainless steel motor housing. Insulation class F. Motor protection IP 68. Thermal sensors imbedded in the motor winding.

Shaft/bearing: Large diameter stainless steel rotor shaft, pre-lubricated bearings.

Seals: Triple lip-seal combination.

Performances



Technical Data

Pump type	Motor input		Voltage 50 Hz (V)	Nominal current (A)	Cable type	Weight (kg)
	P ₁ (kW)	P ₂ (kW)				
C237 W3	0,47	0,28	230/1Ph	2,1	H05RN-F3G0,75	4,5

Speed: 2900 U/min

Discharge: G1 M

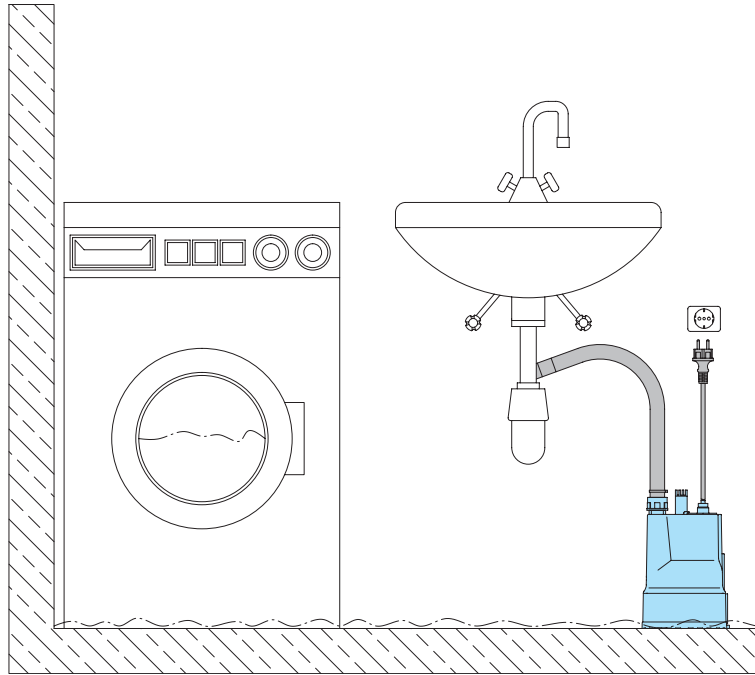
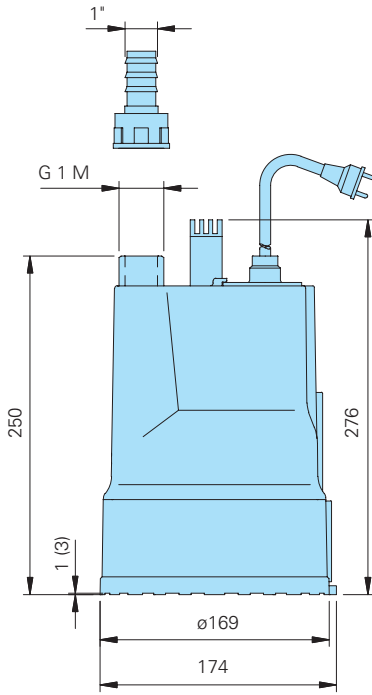
Materials

Motor housing, motor shaft, screws	Stainless steel
Suction sieve, Pump housing, Impeller, pressure cover	Wear resistant synthetic material (composite)
Elastomere	NBR

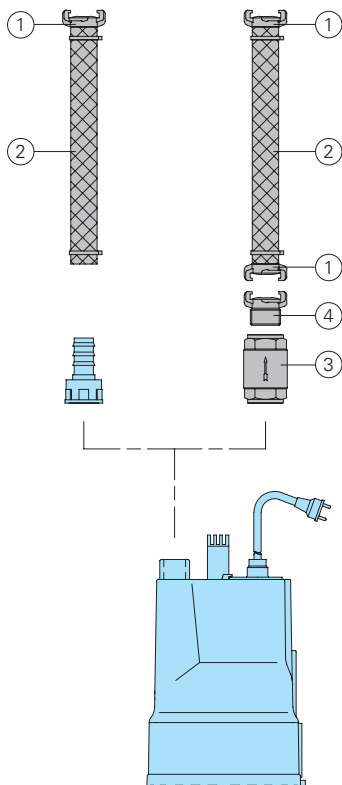
Equipment supplied

Pump with 10 m of cable, hose spigot and plug.

Dimensions and installations (all dimensions in mm)



Accessories



Part Description	Dimension	Part. No.
① Brass hose coupling	BSP 1"	2003313
② PVC hose, per m	1" Ø 25 mm	2621000
Reinforced hose, per m	1" Ø 25 mm	2632025
Hose band	3/4" - 1"	2302330
③ Brass check valve	BSP1" F	2009026
④ Brass fixed coupling	BSP1" M	2005313
○ HOMA 2 poles earth leakage circuit breaker Fi 16/0,03 A		1561160



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