

Jacket cooled submersible drainage pump for clear and drainage water.

Bully C140, C150

Application

For irrigation and drainage in clear or drainage water. Cellar drainage, pumping water from sumps, pits and rooms. Also suitable for pumping discharge from hand basins, showers and washing machines, for flood relief and water removal from water courses or reservoirs.

10 m connecting cable permits the mobile outdoor use and an immersion depth of 7 m.

Cooling jacket ensures optimum motor cooling even during sip operation. Automatic air bleed valve with additional venting screw. Detachable suction sieve for low suction of residual water. Automatic flushing if required. In combination with the special float switch (accessory), a reduction of the switching height is possible.

DIN EN 12050-2: Conformity and design approved and controlled by LGA.

Installation: Permanent or transportable. Model with float switch control for automatic pump operation, depending on liquid level in the sump. Float switch fixation for continuous operation mode.

Pumped liquid: Clear water or drainage water containing soft solids up to 20 mm spherical clearance (C150). Max. liquid temperature: 35°C, short term up to 60°C.

Operation: Permanent.

Design

Fully submersible drainage pump unit consisting of:

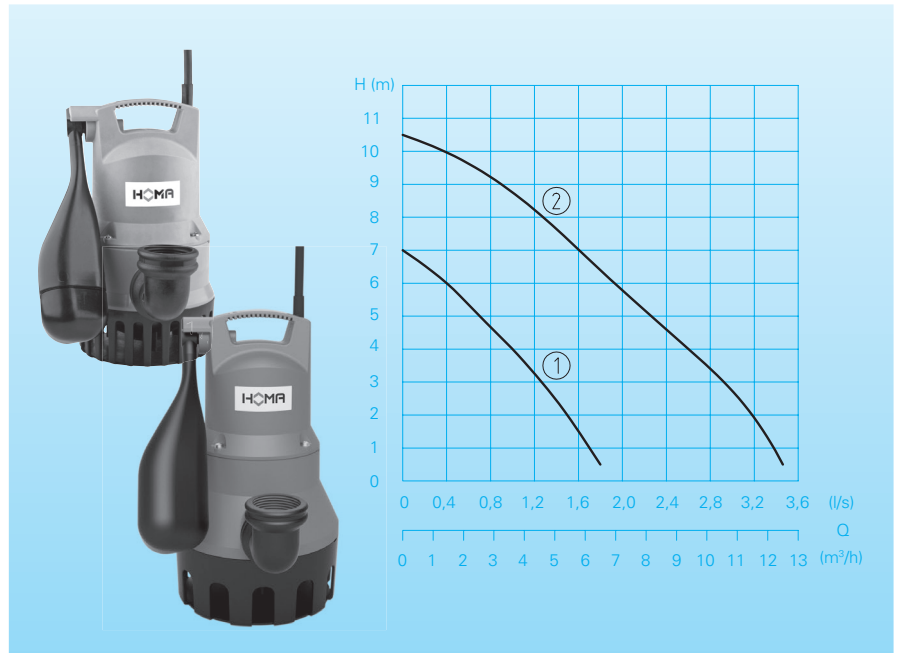
Pump: Single stage centrifugal pump with cooling jacket and bottom-mounted discharge.

Impeller: Open multi-channel impeller, spherical clearance C140: 10 mm, C150: 20 mm

Motor: Fully submersible, pressure tight electric motor. Insulation class F. Motor protection IP 68. Thermal sensors imbedded in the motor winding. Rotor shaft from stainless steel with ceramic coated sealing surface, pre-lubricated bearings.

Seals: 3 Triple lip-seal combination

Performance



Application

Pump type	Motor input P ₁ (kW)	P ₂ (kW)	Voltage 50 Hz (V)	Nominal current (A)	Cable type	Weight (kg)
C140WA	0,32	0,17	230/1Ph	1,4	H07RN-F3G1	4,1
C150WA	0,75	0,38	230/1 Ph	3,5	H07RN-F3G1	6,0

Speed: 2850 U/min

Discharge: G1 1/4

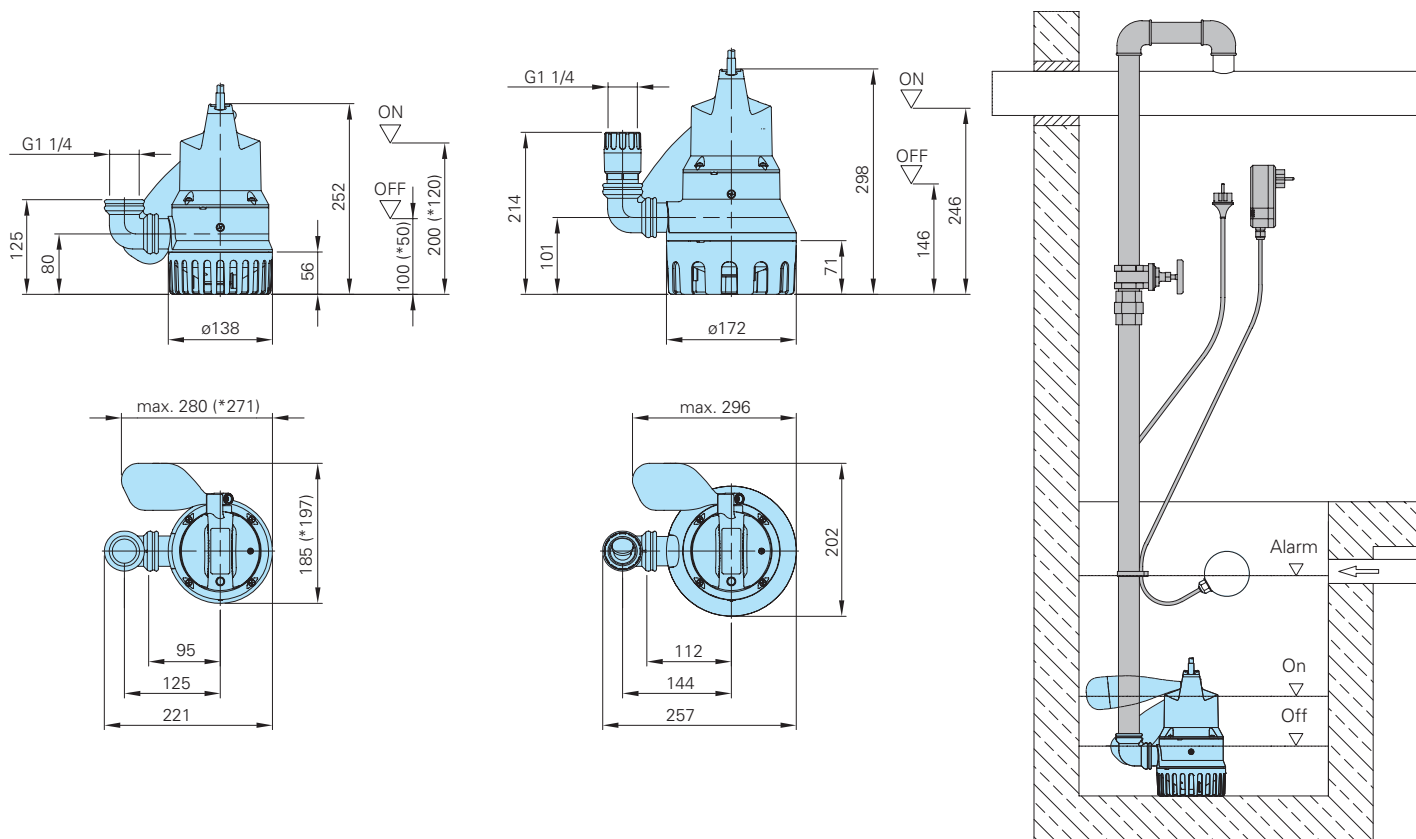
Model A: With automatic level control

Materials

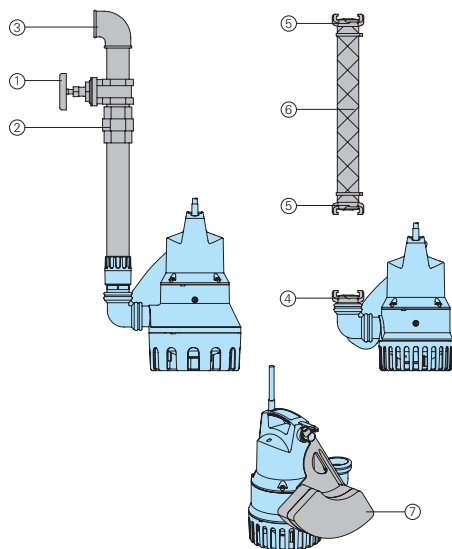
Motor housing, screws	Stainless steel
Rotor shaft	Stainless steel partially ceramic coated
Pump housing, suction sieve	Glass-fibre reinforced synthetic material (composite)
Impeller	Glass-fibre reinforced synthetic material (composite)
Seal kit	NBR

Equipment supplied

10 m of cable and plug.
Integrated non-return valve.
Elbow pipe with sealing rings.
Locking clip for float switch.



Accessories



Part Description	Dimension	Part. No.
① Bronze gate valve	BSP 1 1/4" F	2216012
② Galvanized pipe union	BSP 1 1/4" M/F	2114304
③ 90° galvanized elbow	BSP 1 1/4" F	2113604
	BSP 1 1/4" F/M	2111405
T-piece for twin pump arrangement	BSP 1 1/4" F	2114301
○ Bronze non-return valve (if integrated non-return valve is not fitted)	BSP 1 1/4" F	2211213
○ Galvanized double nipple	BSP 1 1/4" M	2009011
④ Brass fixed coupling	BSP 1 1/4" M	2005413
⑤ Brass hose coupling	BSP 1"	2003313
	BSP 1 1/4"	2003413
⑥ PVC hose, per m	1" Ø 25 mm	2621000
	1 1/4" Ø 30 mm	2621200
Reinforced hose, per m	1" Ø 25 mm	2632025
	1 1/4" Ø 32 mm	2632030
Hose band	3/4" - 1"	2302330
	1 1/4"	2303252

Part Description	Dimension	Part. No.
○ HOMA 2 poles earth leakage circuit breaker		
Fi 16/0,03 A		1561160
○ Mains-dependent alarm control unit AL3 with connector for 9 V rechargeable battery (see below) for operation independent of mains power supply, with built-in signal transmitter, float switch and 10 m of cable.		
Main phase connection 230V/1Ph		1586141
9V Battery for mains-independent operation		1952215
○ Pump control systems and switching gear for mobile and permanent usage, level recording and monitoring devices	See HOMA accessories	
⑦ Special float switch to reduce switching height (just for C(H)140) (On approx. 120 mm (Off approx. 50 mm))		7300693
Accessories-Kit:		
Bully Check valve Stationary		8609032

HOMA
P U M P T E C H N O L O G Y

HOMA Pumpenfabrik GmbH
P.O.Box 22 63, D-53814 Neunk.-Seelscheid
Tel. +49 (0) 22 47 / 702-0, Fax +49 (0) 22 47 / 702-44
e-mail: info@homa-pumpen.de
www.homapumps.com