

▶▶ POWERFUL PUMPING FOR EVERY CONSTRUCTION SITE

Wear-resistant construction pumps for professional use on construction sites

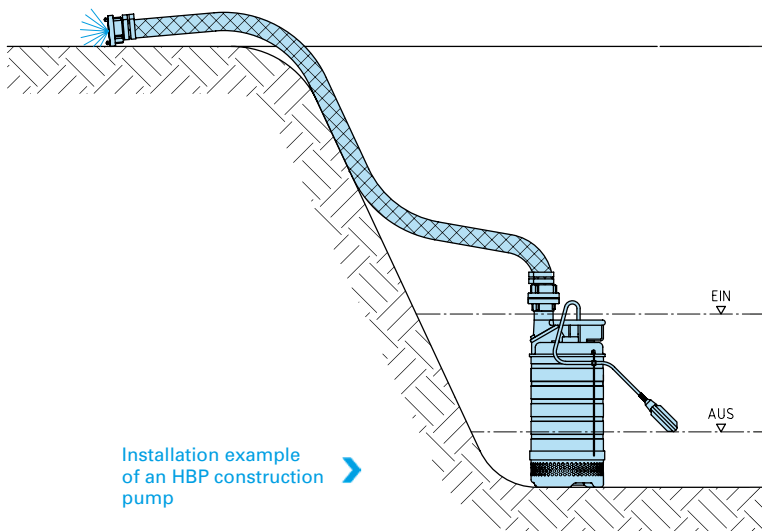
- ▶ For abrasive waste water
- ▶ For heavy duty drainage
- ▶ For reliable continuous operation





»» OUTSTANDING PERFORMANCE IN THE TOUGHEST CONDITIONS!

Efficient, compact and ready for use wherever you need them. For difficult to drain locations, such as construction sites, you need a robust solution. In these scenarios, the new HOMA HBP construction pumps never fail to impress. Compact yet exceptionally powerful, our pumps make short work even of media containing coarse abrasive sand or sludge. These heavy duty, high quality units with their impressive performance features are also ideal for use on ships, for dealing with burst pipes and for emergency situations, such as flooding or cellar drainage.



Installation example
of an HBP construction
pump >

» SUPERIOR TECHNOLOGY TACKLES COARSE DIRT

Uncompromising performance:

Whether for stationary or mobile use, fully floodable HOMA HBP construction pumps have a blockage-free impeller with a free passage for abrasive suspended particles and dirt with a diameter of up to 8 mm. The motor is sealed against pressurised water, has insulation class F and a protection rating of IP 68. The high quality equipment also includes a cable junction chamber separate from the motor and an motor monitoring via the switching device. Further key features are the particularly large stainless steel motor shaft and the

robust, maintenance-free and life-time-lubricated roller bearings. The Storz C coupling supplied ensures quick and easy setup. Enjoy all the benefits of this truly powerful system – from professionals, for professionals!

Flexible application possibilities:

HOMA HBP construction pumps are automatic drainage pumps – version A features water level controlled operation. The motor is water cooled, which ensures sufficient cooling even when pumping at a low water level.

The waste water temperature should generally not exceed about 40 °C.

IMPRESSIVE EQUIPMENT

- » Compact design with ergonomic carrying handle suitable for lifting by crane
- » Blockage-free impeller
- » Robust components: impeller, pump housing and diffuser made from high quality, wear-resistant materials
- » Motor sealed with shaft sealing ring and double mechanical seal in oil bath
- » Cooling jacket enables problem-free continuous operation
- » Control unit with manual/automatic or ON/OFF switch
- » STORZ C coupling supplied



Free passage up to 8 mm, also suitable for abrasive solids.

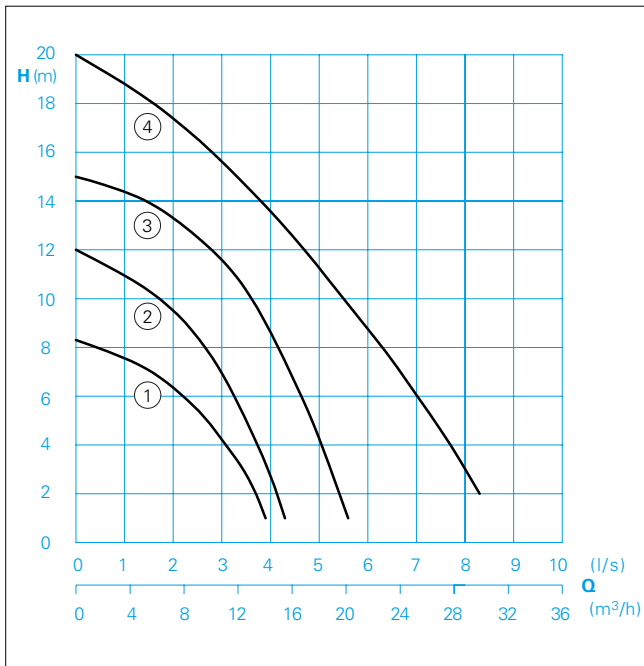


» EXCEPTIONAL PERFORMANCE

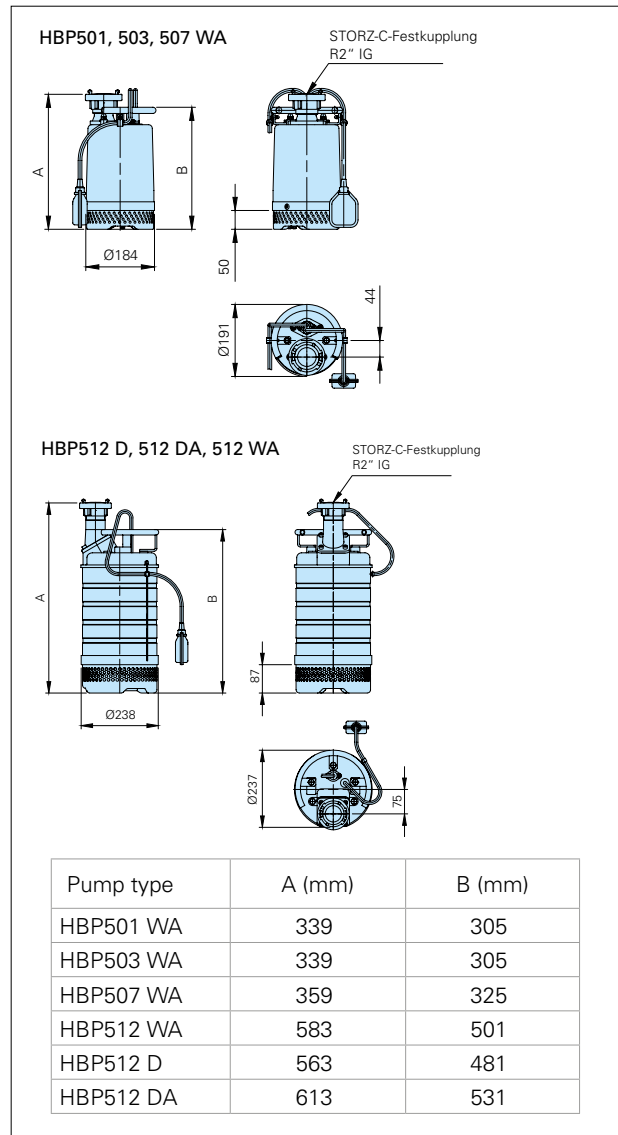
TECHNICAL DATA

No.	Pump type	Motor input P1 (kW)	Motor input P2 (kW)	H max (m)	Q max (m³/h)	Nominal current (A)	Discharge	Weight (kg)
①	HBP501 WA	0.47	0.25	8.3	14	2.1	R2	15.0
②	HBP503 WA	0.67	0.40	12.0	15.5	3.0	R2	16.0
③	HBP507 WA	1.10	0.75	15.0	20.0	5.0	R2	18.0
④	HBP512 WA	2.1	1.5	22.0	27.0	10.0	R2	36.0
④	HBP512 D	2.0	1.5	22.0	30.0	3.5	R2	37.0
④	HBP512 DA	2.0	1.5	22.0	30.0	3.5	R2	39.0

PUMP RATE



DIMENSIONS



MATERIALS

Motor housing	Stainless steel
Screws	Stainless steel
Motor shaft	Stainless steel
Handle, strainer	Stainless steel
Pump housing	Grey cast iron
Impeller	Grey cast iron
Elastomers	NBR
Cable	H07RN8-F4G1 / H07RN8-F4G1,5

SCOPE OF SUPPLY

» 10 m connecting cable, control unit with manual/automatic switch or ON/OFF switch, Storz C coupling

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HOMA
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