

Tender text

Project name
Project ID

Customer
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Company
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2025-01-20

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Pos.no	Description	Item no.
	Submersible dirty water motor pumps	
	AmaDrainer BH 100 SD / 12	29127339
	AmaDrainer 80/100 S	
	Fully floodable submersible motor pump with open impeller, close-coupled, with surface-cooled three-phase motor, enclosure IP68, with integrated thermal motor protection, with automatic level control.	
	- AmaDrainer 80 S: surface-cooled three-phase motor, with temperature switch, power cable and CEE plug with phase inverter, phase sequence indicator and over-current trip.	
	- AmaDrainer 100 S: surface-cooled three-phase motor with temperature switch, power cable and free cable ends. A switchgear / control unit must be purchased separately.	
	Operating data	
	Fluid handled : Water	
	Flow rate Q :	
	Head H :	
	Permissible fluid temperature : 50 °C max. in continuous duty (AmaDrainer B 40 °C max.)	
	Maximum immersion depth: 10 m	
	Drive	
	Supply voltage : 3~400 / 50 Hz	
	Frequency : 50 Hz	
	Nominal power P1 : 9,102 kW	
	Motor rating P2 : 7,5 kW	
	Nominal current : 15,40 A	
	Enclosure : IP68	
	With float switch: Pump controlled via integrated float switch	
	Materials	
	Pump casing : GG-RUBBER	
	Suction cover : Steel, CK 45 N	
	Impeller : NORIHARD NH153	
	Pump foot : Polystyrene	
	Rotor shaft : Chrome steel (1.4021)	
	Dimensions/connections	
	Free passage : 12 mm max.	



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	Discharge side	: DN 100			
	Length	: 416 mm			
	Width	: 416 mm			
	Height	: 628 mm			
	Purchase order information				
	Make	: KSB			
	Type series, size	: AmaDrainer 80/100 / 100f			
	Material price group	: 31			
	Weight	: 109 kg			
	Material number	: 29127339			

Data sheet: technical data

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Item-No.

Design
Type / Coding

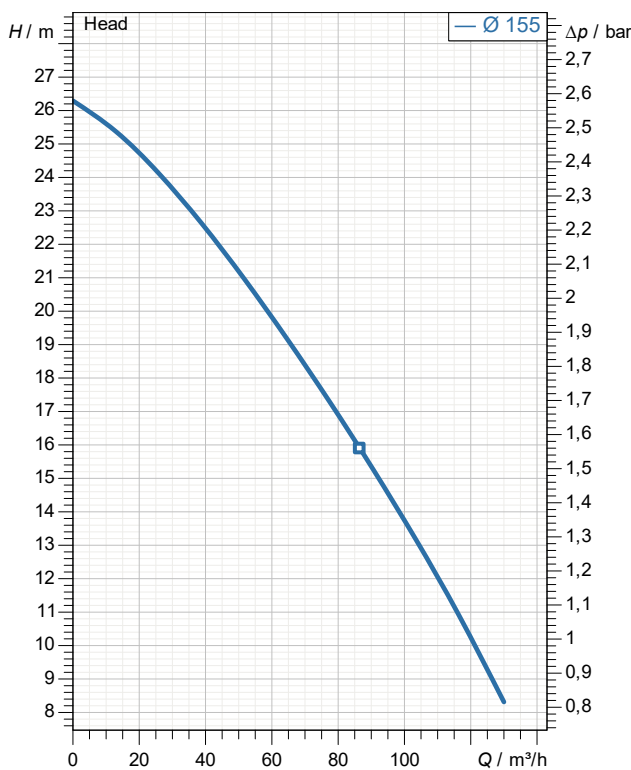
Submersible dirty water motor pumps
AmaDrainer BH 100 SD / 12

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demand data

Flow
Total head
Geodetic head
Media **Water**
Liquid temperature **20 °C**

Pump data

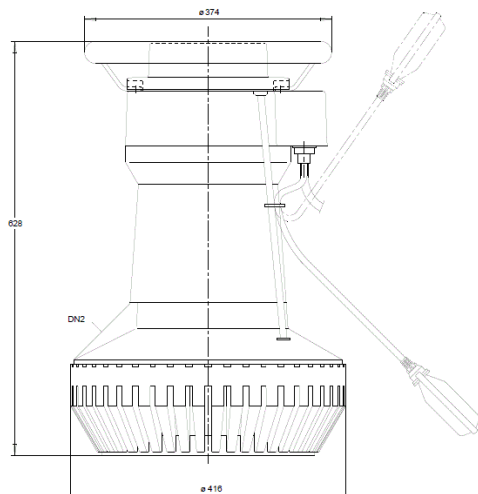
Make **KSB**
Type **AmaDrainer BH 100 SD / 12**
Design **Submersible dirty water motor p**
Specific design **Single head pump**
No. of pumps **1**
Standby pump **No**
Max. fluid temperature **40 °C**

Hydraulic data (Duty point)

Flow
Head

Material / sealing element

Pump casing **GG-RUBBER**
Shaft **Chrome steel 1.4021+QT800**
Impeller **NORIHARD NH153**
O-ring **Nitrile rubber NBR**
Motor housing **AL plastic**
Float switch **POLYPROPYLENE (PP)**



Dimensions

Discharge flange standard **DN 100**

Rated motor data

Power input (P1) **9,1 kW**
Rated power (Pn) **7,5 kW**
Speed **2.800 1/min**
Rated voltage **400 V**
Rated current (In) **15,4 A**

Product information

Ident. No./ type key **29127339**
Weight loaded **109 kg**
Gross price **14.293,38 EUR**
PL 2025-01-20
Price group **31**