



Tender text

Project name

Project ID

Customer

Contact

E-mail

Phone

Company

Contact

E-mail

Phone

2025-01-20

Page 1 / 8

Pos.no	Description	Item no.
	Close-coupled pumps	
	Etabloc PumpDrive 100-080-200/3704 GB	05129432

Etabloc PumpDrive

Horizontal single-stage volute casing pump in close-coupled design, with ratings to EN 733. Axial suction nozzle, discharge nozzle pointing radially upwards. Shaft fitted with a replaceable shaft sleeve in the shaft seal area. Volute casing and casing cover with replaceable casing wear rings. Volute casing with integrally cast pump feet for variants B, C and S. Impeller matched to the operating point for saving energy.

PumpDrive 2 frequency

inverter

Self-cooling frequency inverter is mounted directly on the motor. Controlled by integrated PI controller. Controlled variables are pressure, differential pressure, flow rate, temperature. Display and setting of all operating parameters via a control unit with graphical display. Setpoint adjustment or control via external standard signal or via the control unit. Protective function for drive and pump. Pump and drive parameters pre-set at the factory.

Design:

Mains voltage	: 3~ 380 V AC -10 % to 480 V AC +10 %
Mains frequency	: 50 - 60 Hz ± 2 %
Internal power supply unit	: 24 V ± 10 %, max. 600 mA DC
Enclosure	: IP55 (to EN 60529)
Ambient temperature	: -10 °C to +50 °C
Relative humidity in operation	: 5 % to 85 %, non-condensing
Service interface	: optical
Analog input	: 2 x 0/2 - 10 V or 0/4 - 20 mA
Analog output	: 1 x 0 - 10 V or 4 - 20 mA



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Customer

Contact

E-mail

Phone

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Contact

E-mail

Phone

2025-01-20

Page 2 / 8

Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	Digital input	: 1 x hardware enable input, 5 x parameterisable			
	Relay output	: 2 changeover contacts, parameterisable			
	Bus systems (optional)	: Modbus RTU, Profibus DP, LON, BACnet MS/TP, Profinet			
	Operating data				
	Water	Fluid handled	:		
		Flow rate	:		
		Head	:		
	20,00 °C	Fluid temperature	:		
	temperature	Permissible fluid			
		(min./max.)	:		
	0 bis +110				
	pressure	Maximum operating			
	: ≤ 16 bar				
	10 to +50°C	Ambient temperature: -			
		(min./max.)			
	Motor/electronics				
	≥ 0,4	MEI value	:		
	37 kW	Motor rating	:		
		Max. rated current	:		



Tender text

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Phone

2025-01-20

Page 3 / 8

Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	80,9 A				
	580 1/min ... 3.600 1/min	Speed	:		
	3 x 380 V AC - 15 % to 480 V AC +10 %	Power supply	:		
	200L	Motor size	:		
		Energy efficiency class			
		: IE4 = Super Premium Efficiency			
	IP55	Enclosure	:		
	KSB-Standard	Motor make	:		
		Materials			
	Grey cast iron JL1040	Pump casing (102)	:		
	Tin bronze CC480K-GS / B30 C90700	Impeller (230)	:		
	Steel/tempered steel E335/C45	Pump shaft (210)	:		
	Grey cast iron JL1040	Casing cover (161)	:		
		Casing wear ring,			
	suction side (502.01): DPAF seal plate, asbestos-free				
		Casing wear ring,			
	discharge side (502.02): Grey cast iron GG / cast iron				
		Shaft seal type	:		
	Single mechanical seal with vented chamber (A-type cover)				

Page 4 / 8

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Tender text

Project name

Project ID

Customer

Contact

E-mail

Phone

Company

Contact

E-mail

Phone

2025-01-20

Page 5 / 8

Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	Frequency controller: PumpDrive2		1		

Data sheet: technical data

Project name

Project ID

Customer

Contact

E-mail

Phone

Item-No.

Design

Type / Coding

Close-coupled pumps

Etabloc PumpDrive 100-080-200/3704 GB

Company

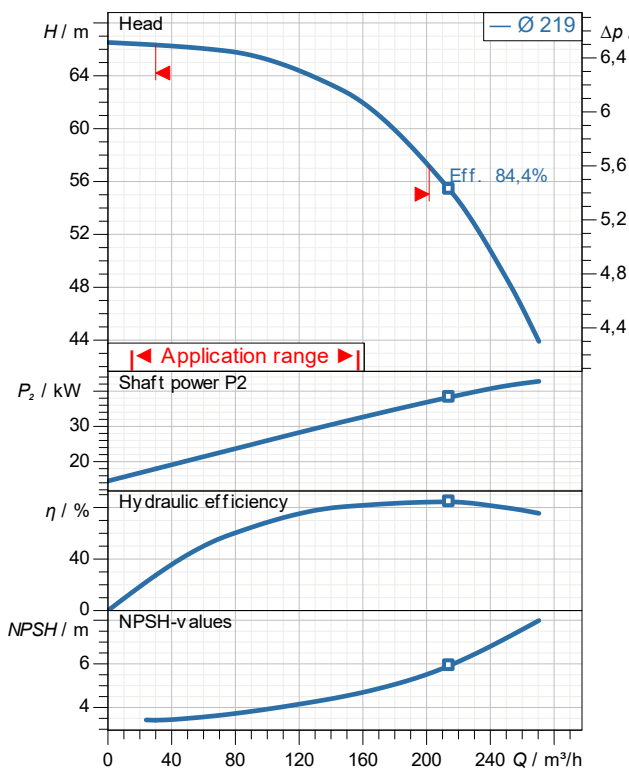
Contact

E-mail

Phone

2025-01-20

Page 6 / 8



demand data

Flow

Head

Geodetic head

Media

Water

Liquid temperature

20 °C

Concentration

100 %

Pump data

Make

KSB

Type

Etabloc PumpDrive 100-080-200/3704 GB

Design

Close-coupled pumps

Specific design

Single head pump

Max. fluid temperature

140 °C

Hydraulic data (Duty point)

Flow

Head

Efficiency

Minimum Efficiency Index $\geq 0,4$

Material / sealing element

Volute casing

Grey cast iron JL1040

Discharge cover

Grey cast iron JL1040

Impeller

Tin bronze CC480K-GS / B30 C90700

Shaft

Steel/tempered steel E335/C45

Bearing bracket lantern

DPAF seal plate, asbestos-free

Casing wear ring

Grey cast iron GG / cast iron

Motor data

Power uptake

38,8 kW

Rated power

37 kW

Speed

1.500 1/min

Rated voltage

400 V

Rated current

80,9 A

Degree of protection

IP55

Product information

Ident. No./ type key

05129432

Weight loaded

397,9 kg

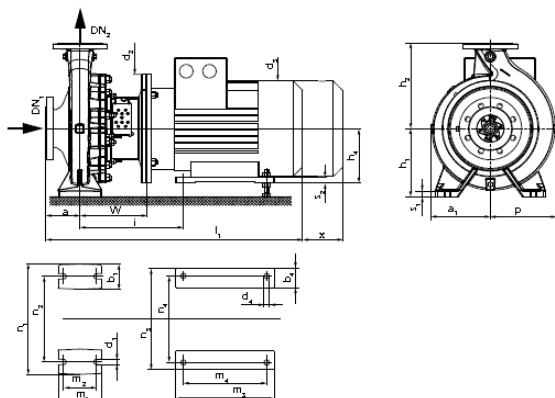
Gross price

40.654,38 EUR

PL 2025-01-20

Price group

V3



Data sheet: performance curve

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Design

Type / Coding

Close-coupled pumps

Etabloc PumpDrive 100-080-200/3704 GB

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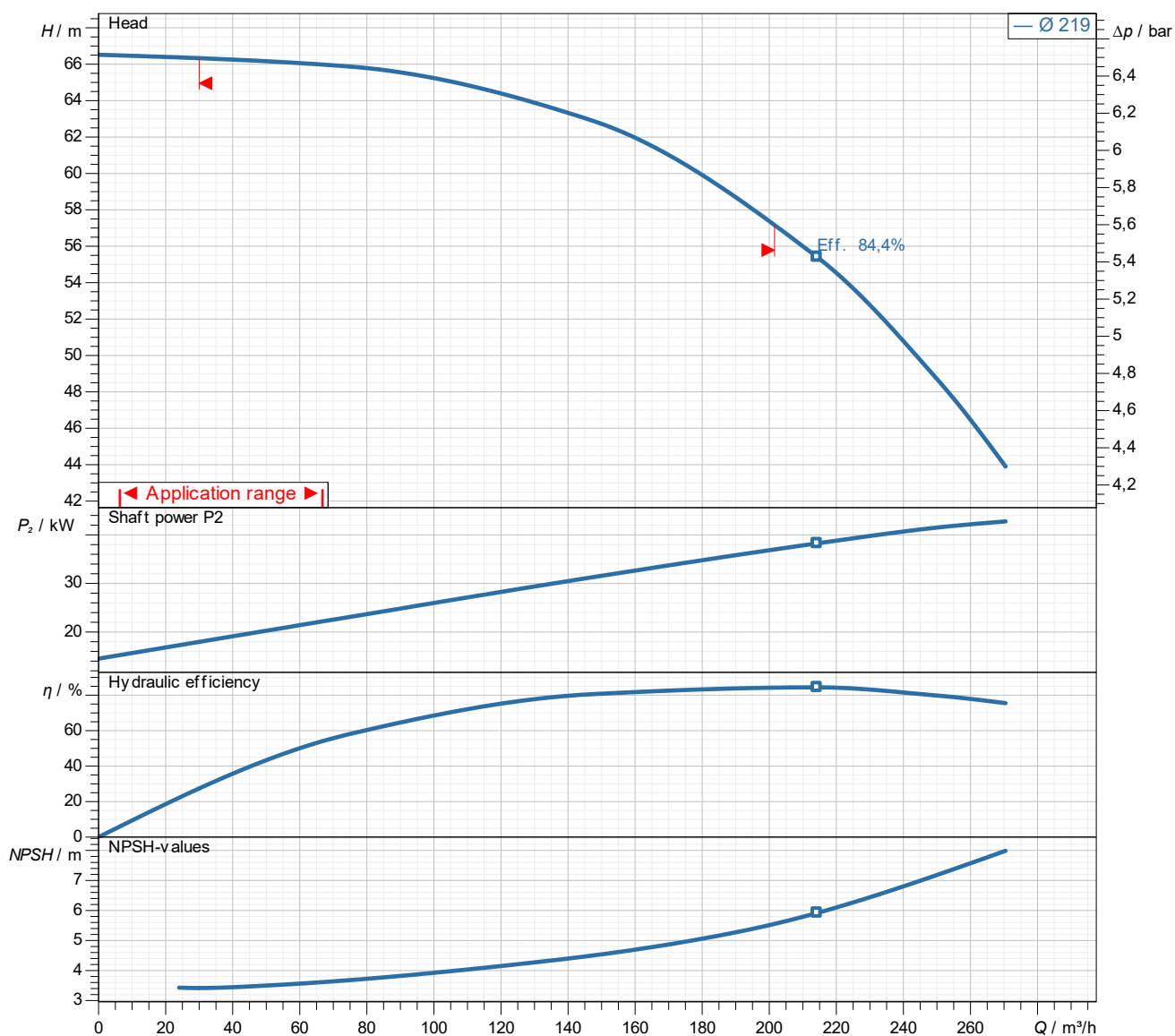
Phone

2025-01-20

Page 7 / 8

Performance curve

Etabloc PumpDrive 100-080-200/3704 GB



Density 998,3 kg/m³

Viscosity 1,005 mm²/s

