

Tender text

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2025-01-20

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Pos.no	Description	Item no.
	Close-coupled pumps	
	Etabloc PumpDrive 065-040-250/114 CC	05132768

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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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	:		
	1,1 kW	Motor rating	:		
		Max. rated current	:		



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	3 A				
	500 1/min ... 1.800 1/min	Speed	:		
	3 x 380 V AC - 15 % to 480 V AC +10 %	Power supply	:		
	90S	Motor size	:		
		Energy efficiency class			
		: IE4 = Super Premium Efficiency			
	IP55	Enclosure	:		
	KSB-Standard	Motor make	:		
		Materials			
	CrNiMo steel 1.4408	Pump casing (102)	:		
	CrNiMo steel 1.4408	Impeller (230)	:		
	A4/ AISI 316	Pump shaft (210)	:		
	CrNiMo steel 1.4571	Casing cover (161)	:		
	suction side (502.01): A4/ AISI 316	Casing wear ring,			
	discharge side (502.02): A4-70/ A193 Gr. B8M CL2	Casing wear ring,			
	Single mechanical seal with vented chamber (A-type cover)	Shaft seal type	:		

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Pos.no	Description		Item no.	Qty.	UP / EUR	TP / EUR
	:10 = Q1Q1X4GG		Shaft seal material			
	connections		Dimensions and			
	discharge nozzle DN2 : DN 40		Nominal size of			
	suction nozzle DN1 : DN 65		Nominal diameter of			
	suction side : 16		Nominal pressure,			
	discharge side : 16		Nominal pressure,			
	information		Purchase order			
	80,18 kg		Approx. net weight :			
	KSB		Make :			
	Etabloc PumpDrive 065-040-250/114 CC		Type :			
	V3		Material price group :			
			Material number :			
	05132768					



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

Data sheet: technical data

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Item-No.

Design

Type / Coding

Close-coupled pumps

Etabloc PumpDrive 065-040-250/114 CC

Company

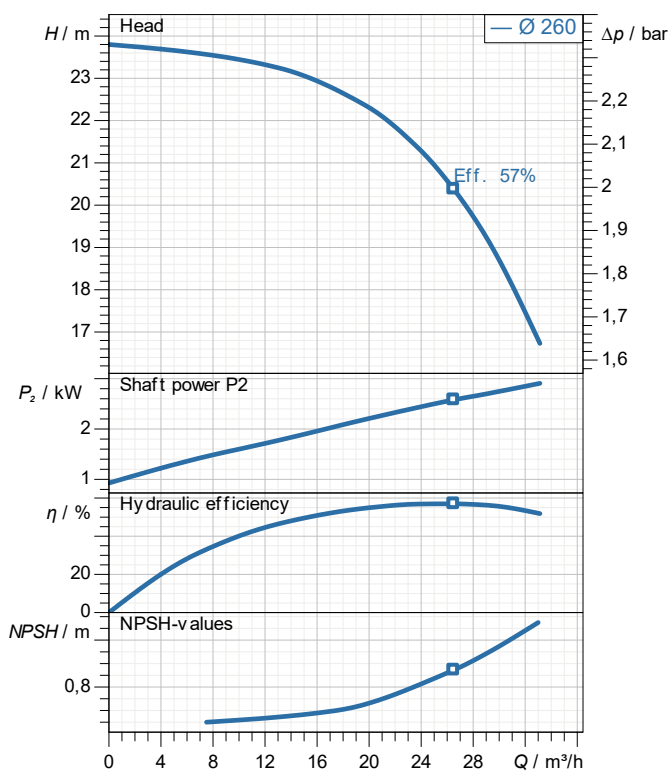
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demand data

Flow

Head

Geodetic head

Media

Liquid temperature

Concentration

Water

20 °C

100 %

Pump data

Make

Type

Design

Specific design

Max. fluid temperature

KSB

Etabloc PumpDrive 065-040-250/114 CC

Close-coupled pumps

Single head pump

Hydraulic data (Duty point)

Flow

Head

Efficiency

Minimum Efficiency Index $\geq 0,4$

Material / sealing element

Volute casing

Shaft

Impeller

Impeller nut

Screw plug

Stud

CrNiMo steel 1.4408

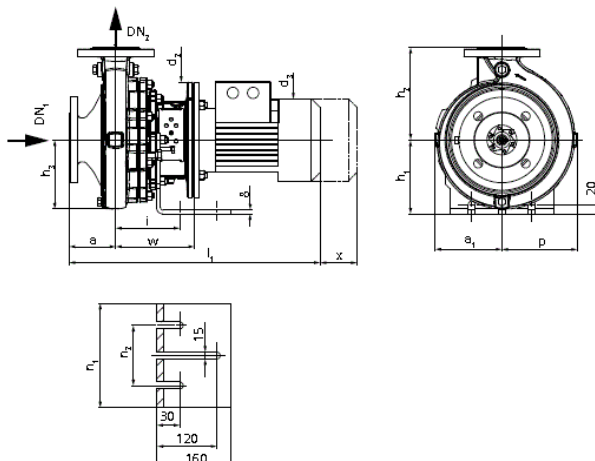
CrNiMo steel 1.4571

CrNiMo steel 1.4408

A4/ AISI 316

A4/ AISI 316

A4-70/ A193 Gr. B8M CL2



Motor data

Power uptake

Rated power

Speed

Rated voltage

Rated current

Degree of protection

1,26 kW

1,1 kW

1.500 1/min

400 V

3 A

IP55

Product information

Ident. No./ type key

Weight loaded

Gross price

PL 2025-01-20

Price group

05132768

80,18 kg

25.306,59 EUR

V3

Data sheet: performance curve

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Close-coupled pumps

Etabloc PumpDrive 065-040-250/114 CC

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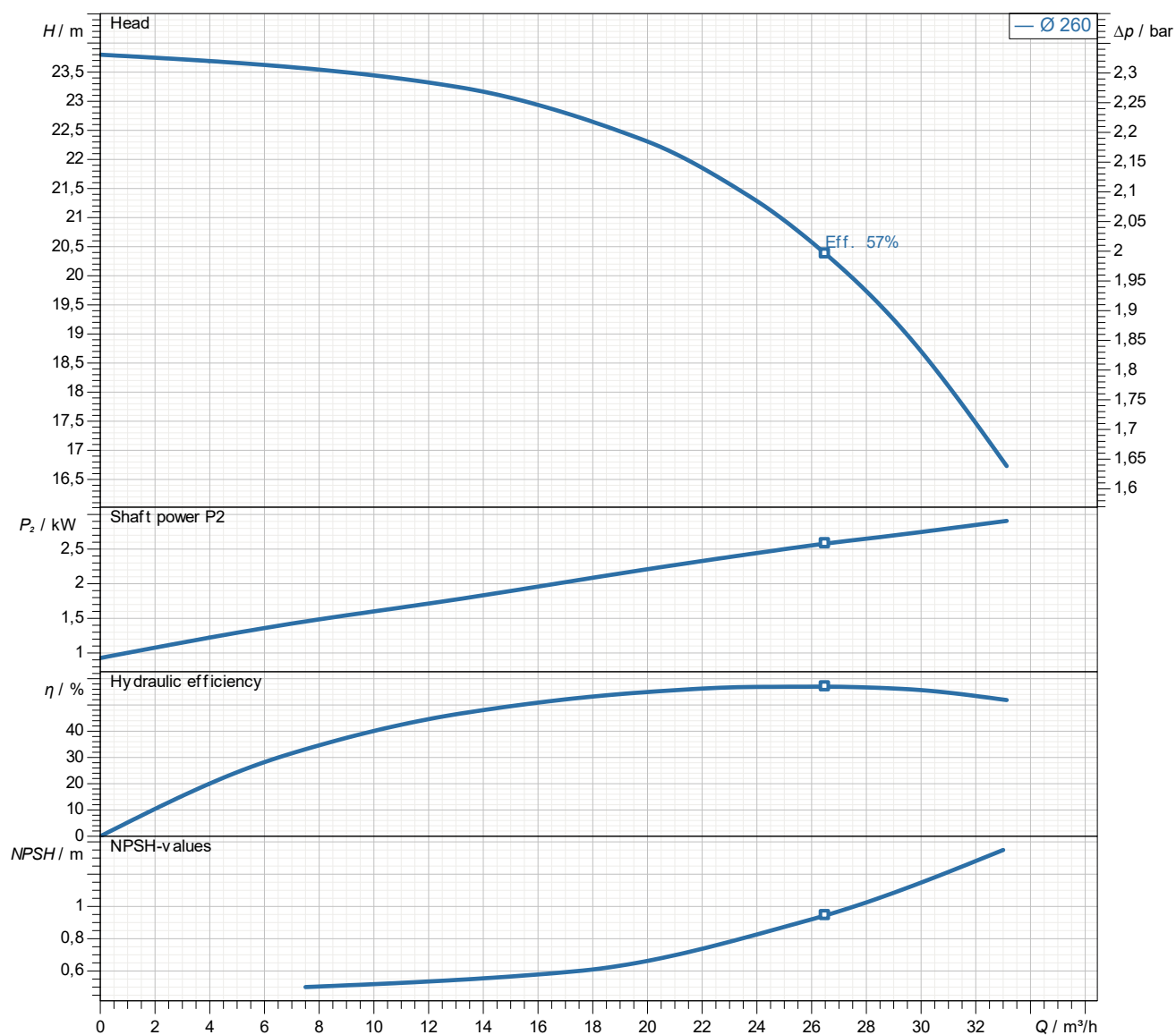
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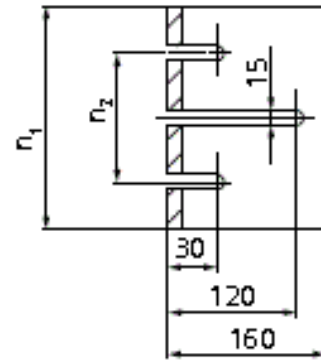
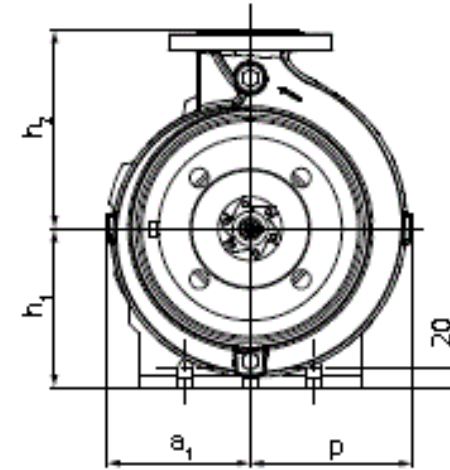
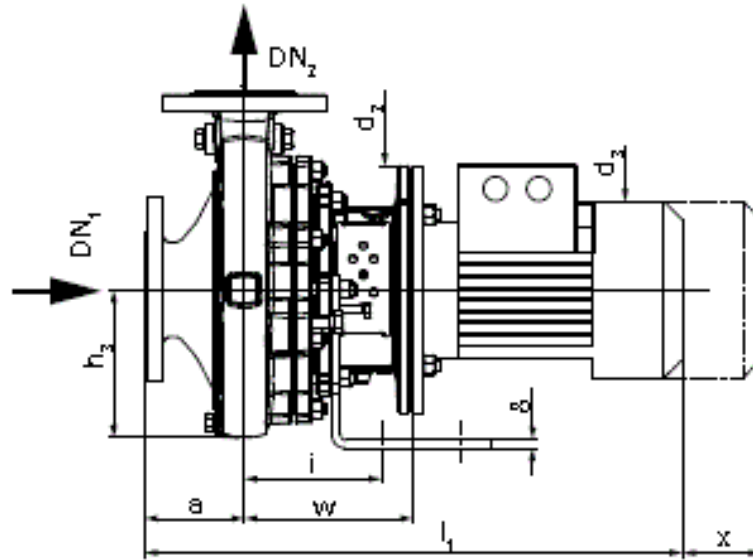
Performance curve

Etabloc PumpDrive 065-040-250/114 CC



Density 998,3 kg/m^3

Viscosity 1,005 mm^2/s



Name	Wert	Name	Wert
a	100 mm	n1	225 mm
a1	169 mm	n2	130 mm
d2	200 mm	p	179 mm
d3	190 mm	w	156 mm
DN1	65 mm	x	100 mm
DN2	40 mm		
h1	160 mm		
h2	225 mm		
h3	166 mm		
i	118 mm		
l1	610 mm		