



Tender text

Project name

Project ID

Customer

Contact

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Pos.no	Description	Item no.
	Close-coupled pumps	
	Etabloc 100-080-400/4504 CC	05127998

Etabloc

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.

Operating data

Water	Fluid handled	:
	Flow rate	:
	Head	:
20,00 °C	Fluid temperature	:
temperature	Permissible fluid	
0 bis +110	(min./max.)	:
pressure	Maximum operating	
	Ambient temperature:	-
10 to +50°C		



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Pos.no	Description	Item no. (min./max.)	Qty.	UP / EUR	TP / EUR
		Motor/electronics			
	≥ 0,4	MEI value	:		
	45 kW	Motor rating	:		
	85 A	Max. rated current	:		
	500 1/min ... 1.900 1/min	Speed	:		
	3 x 380 V AC - 15 % to 480 V AC +10 %	Power supply	:		
	225M	Motor size	:		
		Energy efficiency class			
		: IE3 = Premium Efficiency			
	IP55	Enclosure	:		
	KSW - IEC	Motor make	:		
		Materials			
	CrNiMo steel 1.4408	Pump casing (102)	:		
	CrNiMo steel 1.4408	Impeller (230)	:		
		Pump shaft (210)	:		



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	A4/ AISI 316				
	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	:		
	:10 = Q1Q1X4GG	Shaft seal material			
	connections	Dimensions and			
	discharge nozzle DN2 : DN 80	Nominal size of			
	suction nozzle DN1 : DN 100	Nominal diameter of			
	suction side : 16	Nominal pressure,			
	discharge side : 16	Nominal pressure,			
	information	Purchase order			
	583,8 kg	Approx. net weight	:		
	KSB	Make	:		



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	Etabloc 100-080-400/4504 CC	Type	:		
	V3	Material price group	:		
	05127998	Material number	:		

Data sheet: technical data

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Item-No.

Design

Type / Coding

Close-coupled pumps

Etabloc 100-080-400/4504 CC

Company

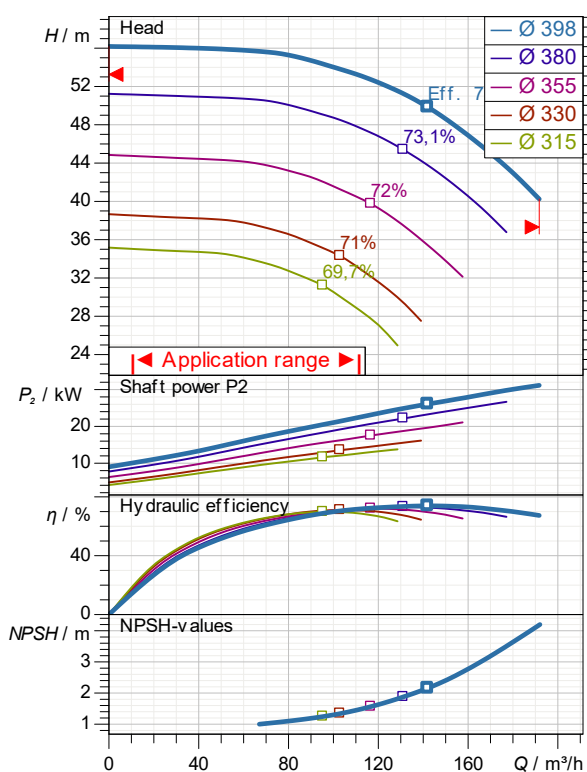
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demand data

Flow

Head

Geodetic head

Media

Liquid temperature

Concentration

Water

20 °C

100 %

Pump data

Make

Type

Design

Specific design

Max. fluid temperature

KSB

Etabloc 100-080-400/4504 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

47,8 kW

45 kW

1.475 1/min

400 V

85 A

IP55

Product information

Ident. No./ type key

Weight loaded

Gross price

PL 2025-01-20

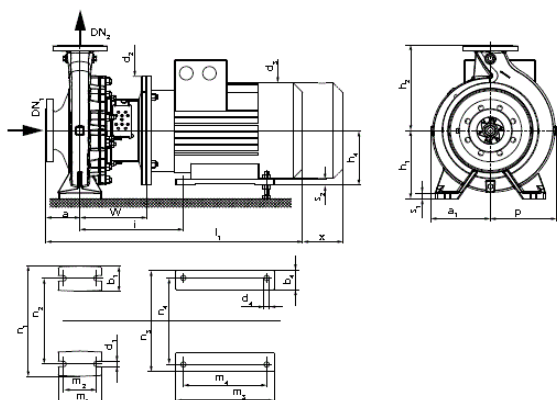
Price group

05127998

583,8 kg

60.209,25 EUR

V3



Data sheet: performance curve

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Item-No.

Design
Type / Coding

Close-coupled pumps
Etabloc 100-080-400/4504 CC

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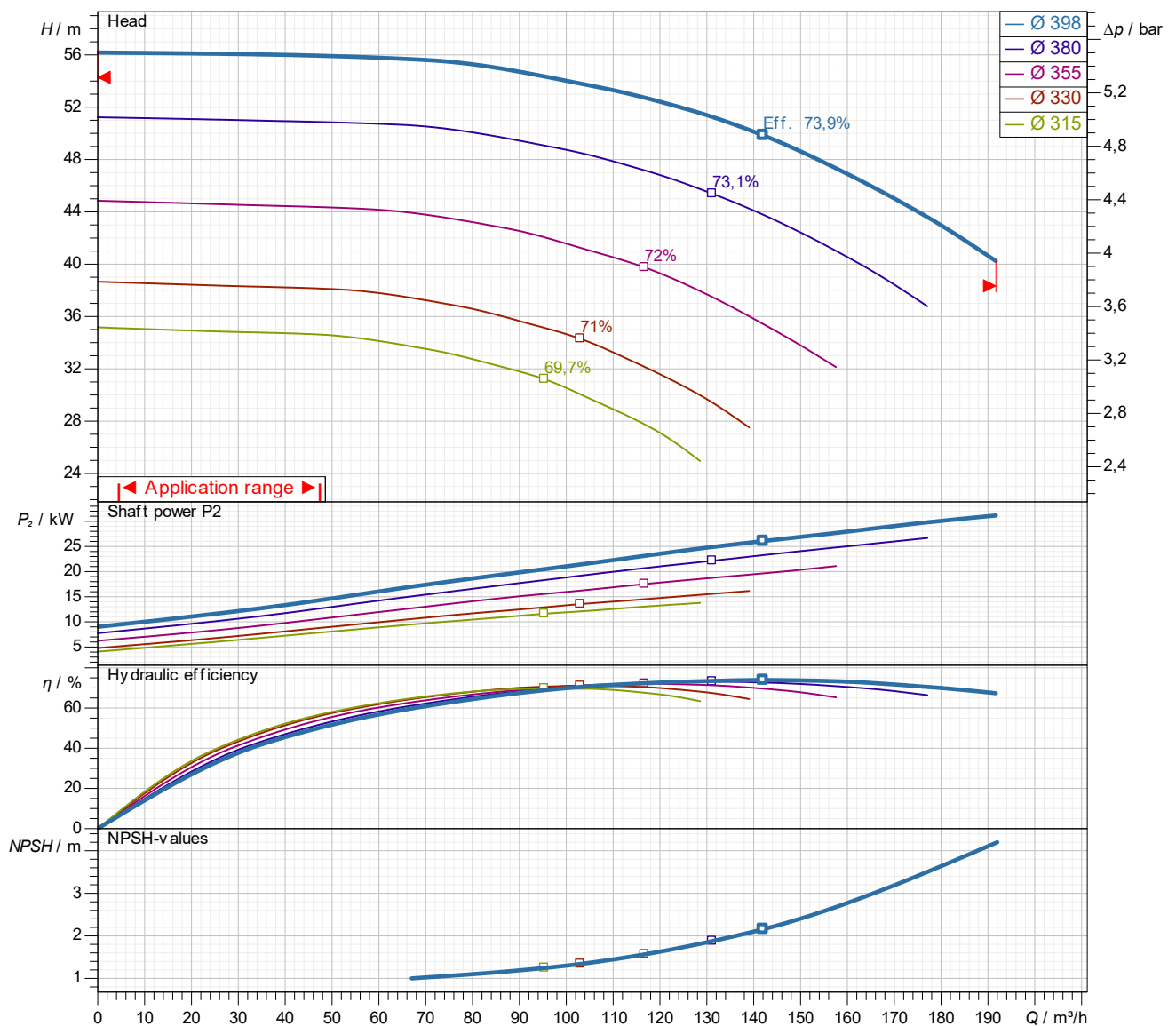
Company
Contact
E-mail
Phone

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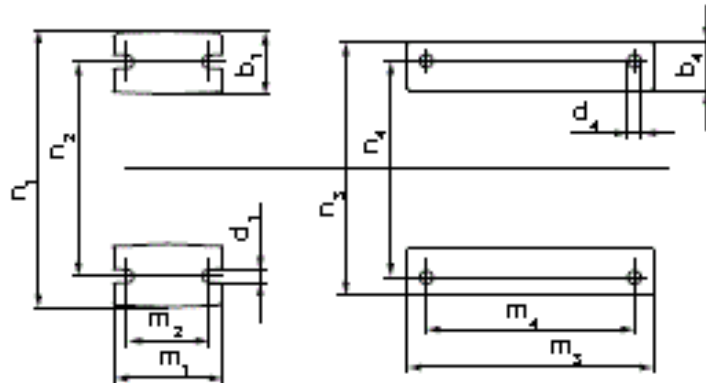
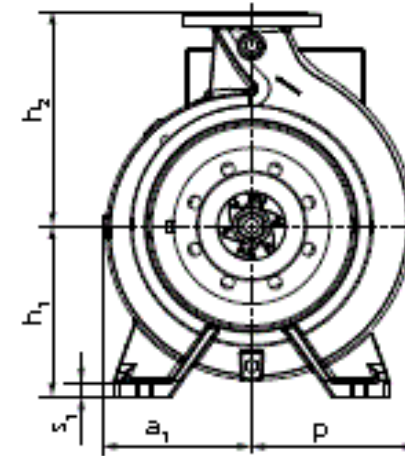
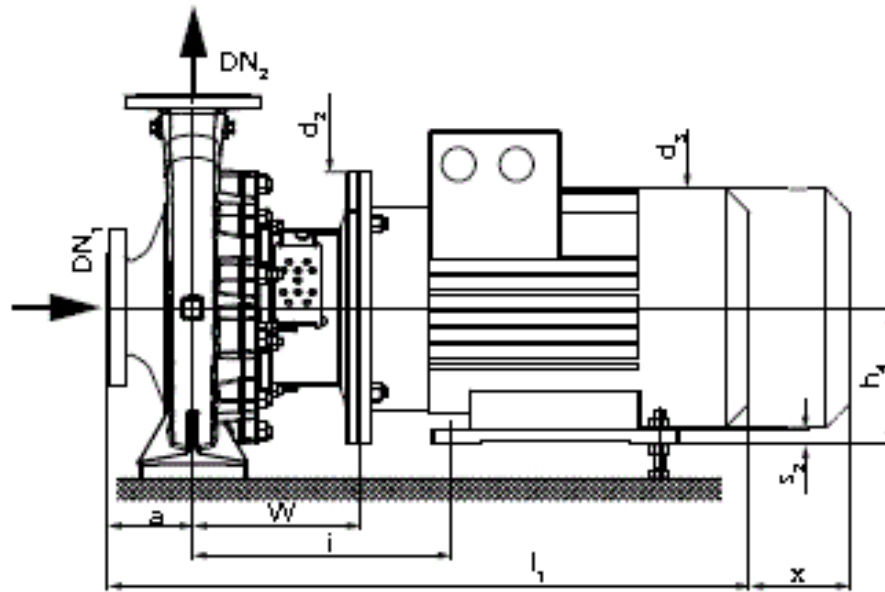
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Performance curve

Etabloc 100-080-400/4504 CC



Density 998,3 kg/m³
Viscosity 1,005 mm²/s



Name	Wert	Name	Wert
a	125 mm	n2	355 mm
a1	257 mm	p	280 mm
b1	80 mm	s1	20 mm
d1	19 mm	x	140 mm
DN1	100 mm		
DN2	80 mm		
h1	380 mm		
h2	355 mm		
m1	160 mm		
m2	120 mm		
n1	435 mm		