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Pos.no	Description	Item no.
	Close-coupled pumps	
	Etabloc PumpDrive 080-065-160/2204 GG	05128717

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	:		
	22 kW	Motor rating	:		
		Max. rated current	:		



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	48,5 A				
	580 1/min ... 2.900 1/min	Speed	:		
	3 x 380 V AC - 15 % to 480 V AC +10 %	Power supply	:		
	180M	Motor size	:		
		Energy efficiency class			
		: IE4 = Super Premium Efficiency			
	IP55	Enclosure	:		
	KSB-Standard	Motor make	:		
		Materials			
	Grey cast iron JL1040	Pump casing (102)	:		
	Steel/tempered steel E335/C45	Impeller (230)	:		
	Grey cast iron JL1040	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)				



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
		Shaft seal material			
	:10 = Q1Q1X4GG				
		Dimensions and			
	connections				
	discharge nozzle DN2 : DN 65	Nominal size of			
	suction nozzle DN1 : DN 80	Nominal diameter of			
	suction side : 16	Nominal pressure,			
	discharge side : 16	Nominal pressure,			
		Purchase order			
	information				
	246,6 kg	Approx. net weight :			
	KSB	Make :			
	Etabloc PumpDrive 080-065-160/2204 GG	Type :			
	V3	Material price group :			
	05128717	Material number :			



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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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Project ID

Item-No.

Design

Type / Coding

Close-coupled pumps

Etabloc PumpDrive 080-065-160/2204 GG

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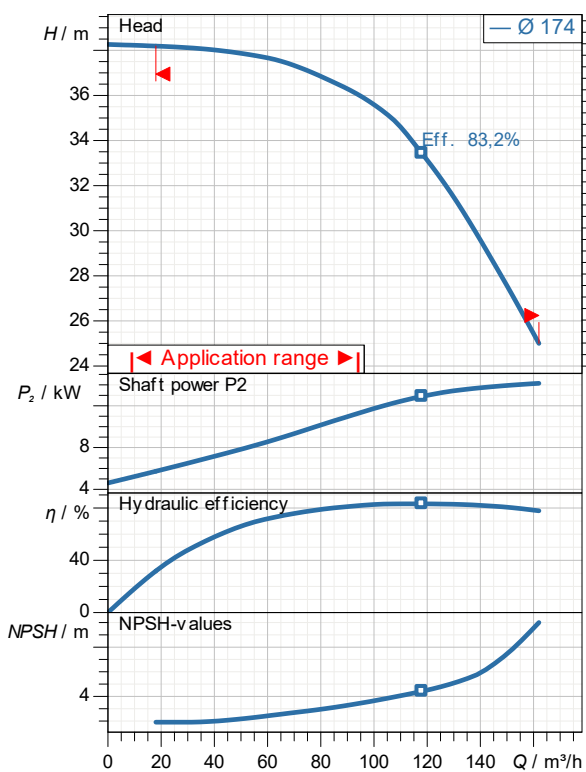
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demand data

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 080-065-160/2204 GG
Close-coupled pumps
Single head pump

Hydraulic data (Duty point)

Flow
Head
Efficiency
Minimum Efficiency Index

≥ 0,4

Material / sealing element

Volute casing
Discharge cover
Shaft
Impeller
Bearing bracket lantern
Casing wear ring

Grey cast iron JL1040
Grey cast iron JL1040
Steel/tempered steel E335/C45
Grey cast iron JL1040
DPAF seal plate, asbestos-free
Grey cast iron GG / cast iron

Motor data

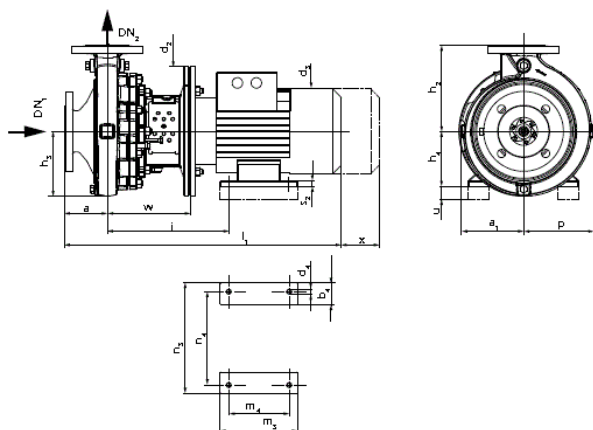
Power uptake
Rated power
Speed
Rated voltage
Rated current
Degree of protection

23,3 kW
22 kW
1.500 1/min
400 V
48,5 A
IP55

Product information

Ident. No./ type key
Weight loaded
Gross price
PL 2025-01-20
Price group

05128717
246,6 kg
26.059,24 EUR
PL 2025-01-20
V3



Data sheet: performance curve

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Item-No.

Design

Type / Coding

Close-coupled pumps

Etabloc PumpDrive 080-065-160/2204 GG

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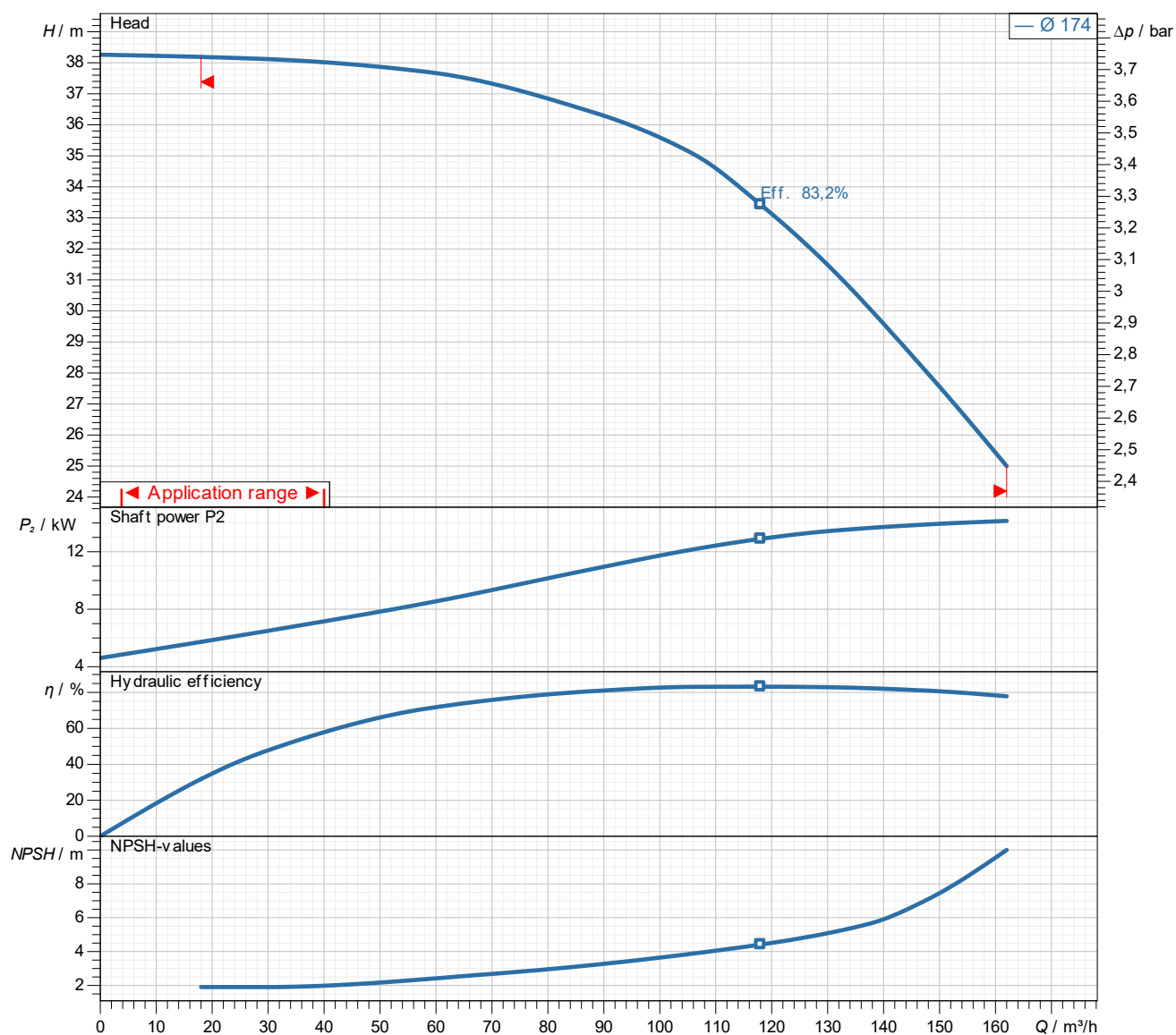
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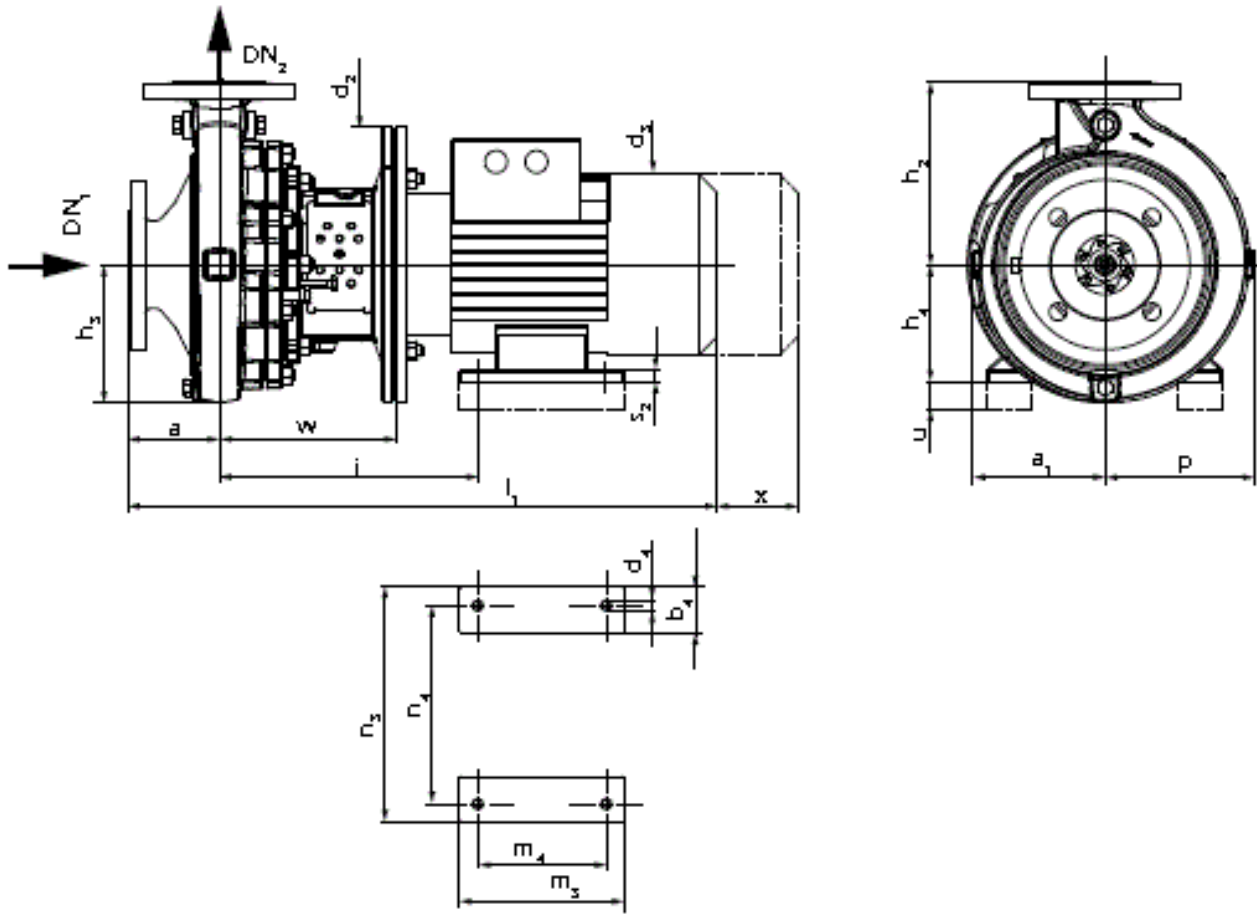
Performance curve

Etabloc PumpDrive 080-065-160/2204 GG



Density 998,3 kg/m³

Viscosity 1,005 mm²/s



Name	Wert	Name	Wert
a	100 mm	n1	280 mm
a1	132 mm	n2	212 mm
b1	65 mm	p	150 mm
d1	14 mm	s1	18 mm
DN1	80 mm	x	100 mm
DN2	65 mm		
h1	160 mm		
h2	200 mm		
h3	140 mm		
m1	125 mm		
m2	95 mm		