

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

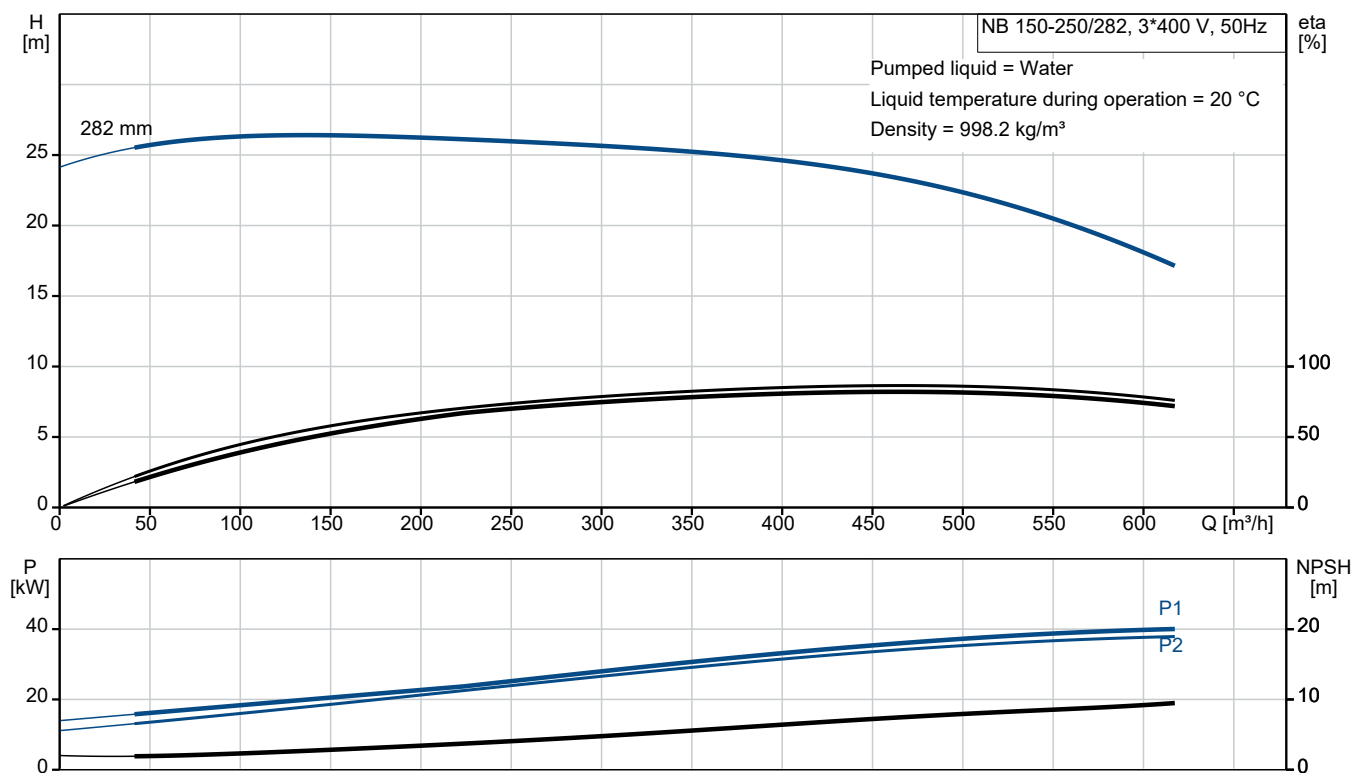


NB 150-250/282 BAF1AESBAQETW3

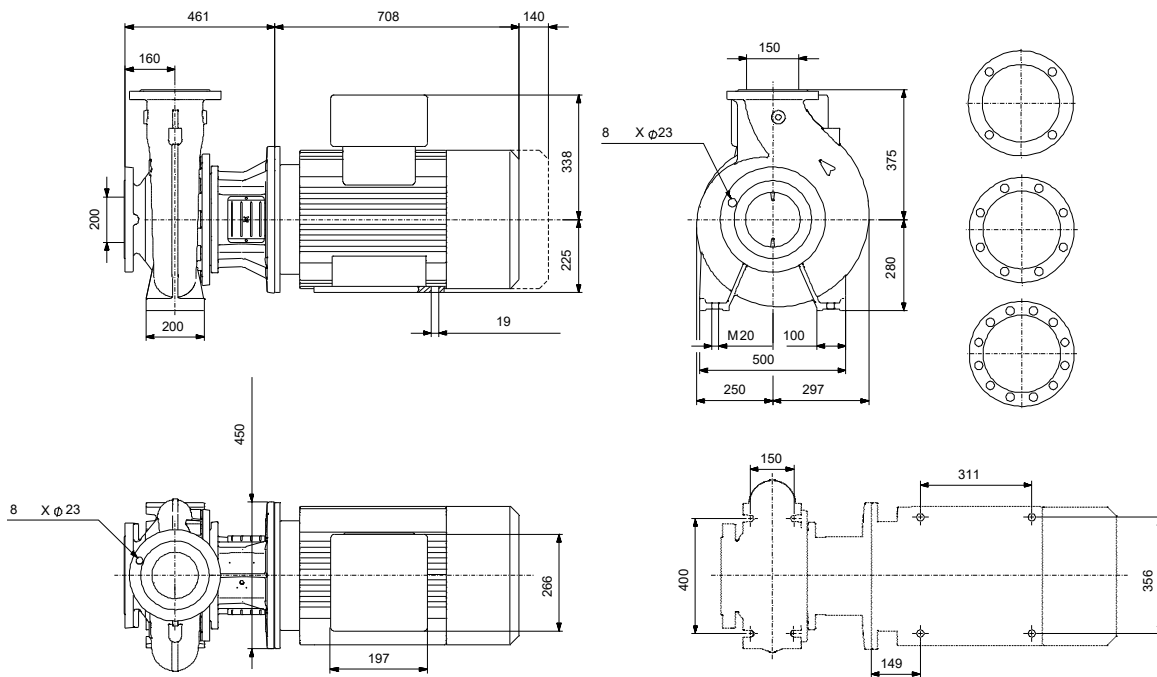
End-suction close-coupled pumps according to EN 733

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water	Liquid temperature range: 0 .. 120 °C	Rated power - P2: 45 kW
Temperature: 20 °C	Maximum ambient temperature: 55 °C	Rated voltage: 380-420D/660-725Y V
Specific Gravity: 1.000	Shaft seal: BAQE	Mains frequency: 50 Hz
	Product number: On request	Enclosure class: IP55
		Insulation class: F
		Motor protection: PTC
		Motor type: INNOMOTICS
		Eta 1/1: 94.2 %



Submittal Data



Materials:

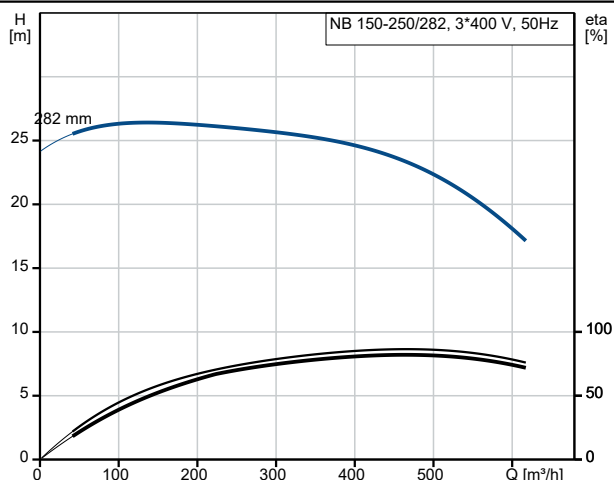
Pump housing: Cast iron
ASTM class 35

Impeller: Cast iron
ASTM class 30
EN-GJL-200

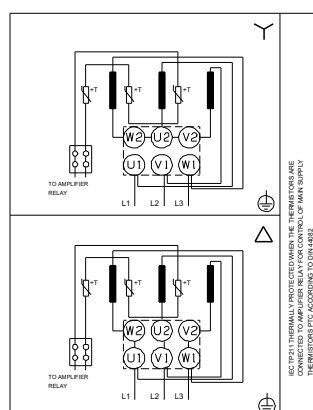
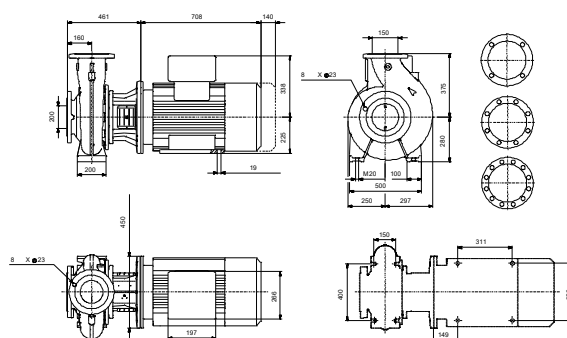
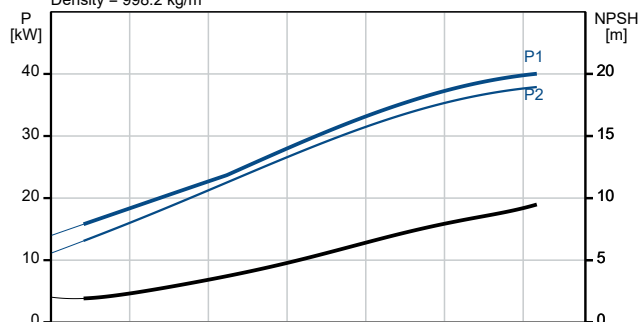
Material code: A

Code for rubber: E

Description	Value
General information:	
Product name:	NB 150-250/282 BAF1AESBAQETW3
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	1478 rpm
Rated flow:	463.8 m³/h
Rated head:	23.17 m
Actual impeller diameter:	282 mm
Nominal impeller diameter:	250
Shaft seal arrangement:	Single
Primary shaft seal:	BAQE
Shaft diameter:	42 mm
Code for shaft seal:	BAQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Bearing design:	Standard
Materials:	
Type key, code for materials:	A
Type key, code for rubber components. E = EPDM, V=FKM:	E
Pump housing:	Cast iron EN-GJL-250 ASTM class 35
Wear ring:	Brass CuZn34Mn3Al2Fe1-C
Impeller:	Cast iron EN-GJL-200 ASTM class 30
Pump house, internal coating:	CED
Material code:	A
Code for rubber:	E
Shaft:	Stainless steel EN 1.4301 AISI 304
Installation:	
Maximum ambient temperature:	55 °C
Maximum operating pressure:	10 bar
Type key, code for pipework connection:	F1
Pipe connection standard:	EN 1092-2
Size of inlet connection:	DN 200
Size of outlet connection:	DN 150
Pressure rating for connection:	PN 10
Bearing lubrication:	Grease
Pump housing with feet (Yes/No):	Yes
Support block (Yes/No):	N
Connect code:	F1
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	INNOMOTICS
Rated power - P2:	45 kW



Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

11/01/2026

Description	Value
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	80/46.5 A
Starting current:	660 %
Cos phi - power factor:	0.86
Rated speed:	1478 rpm
IE efficiency:	IE3 94,2%
IE Efficiency class:	IE3
Motor efficiency at full load:	94.2 %
Motor efficiency at 3/4 load:	94.9 %
Motor efficiency at 1/2 load:	95 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	99032214
Mount. design. acc. IEC 34-7:	IM B35
Bearing insulation type N-end:	Steel bearing
Controls:	
Frequency converter:	None
Pressure sensor:	N
Others:	
Minimum efficiency index, MEI ≥:	0.68
Net weight:	514 kg
Gross weight:	539 kg
Shipping volume:	0.791 m ³
Language on pump nameplate:	GB

