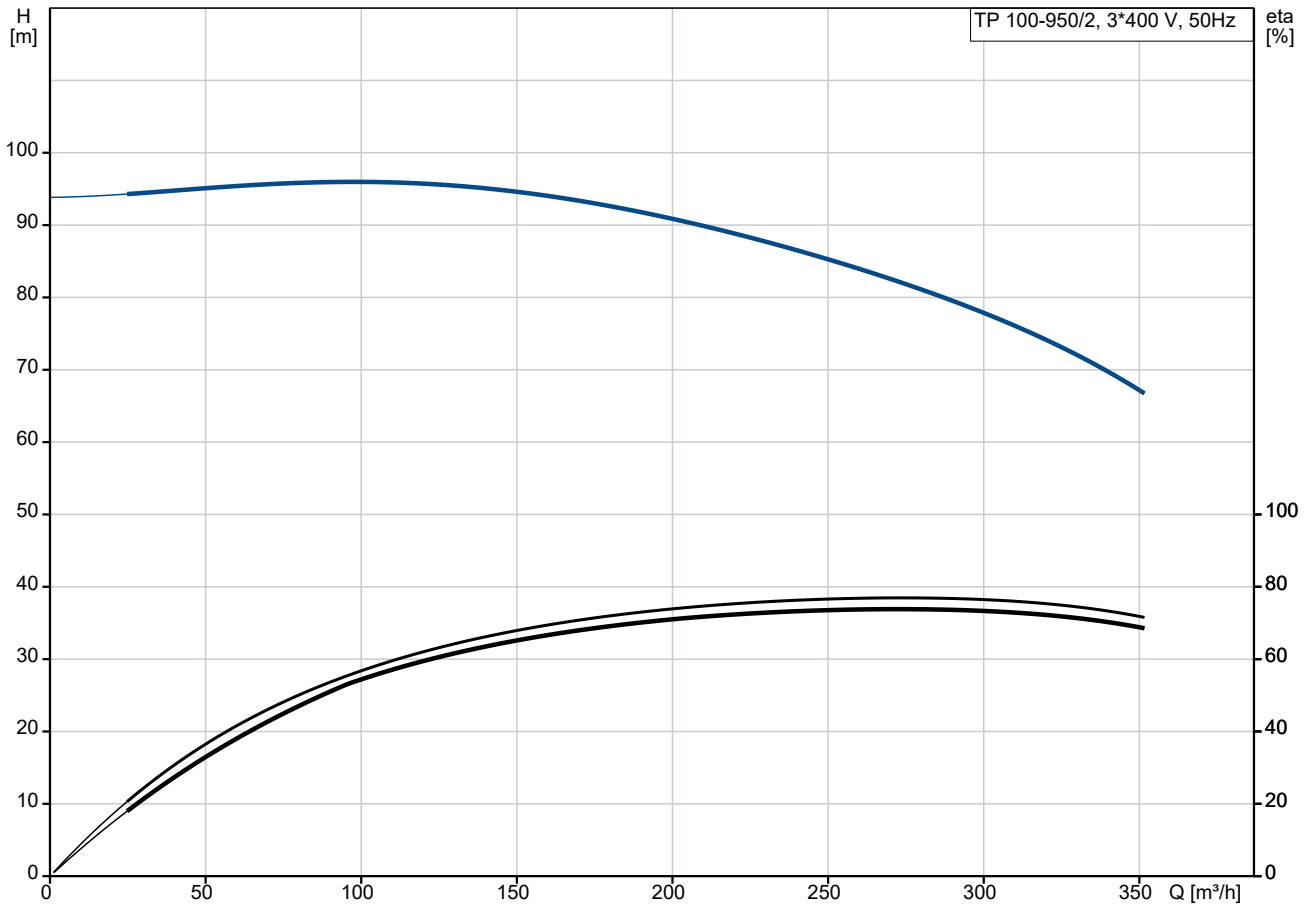
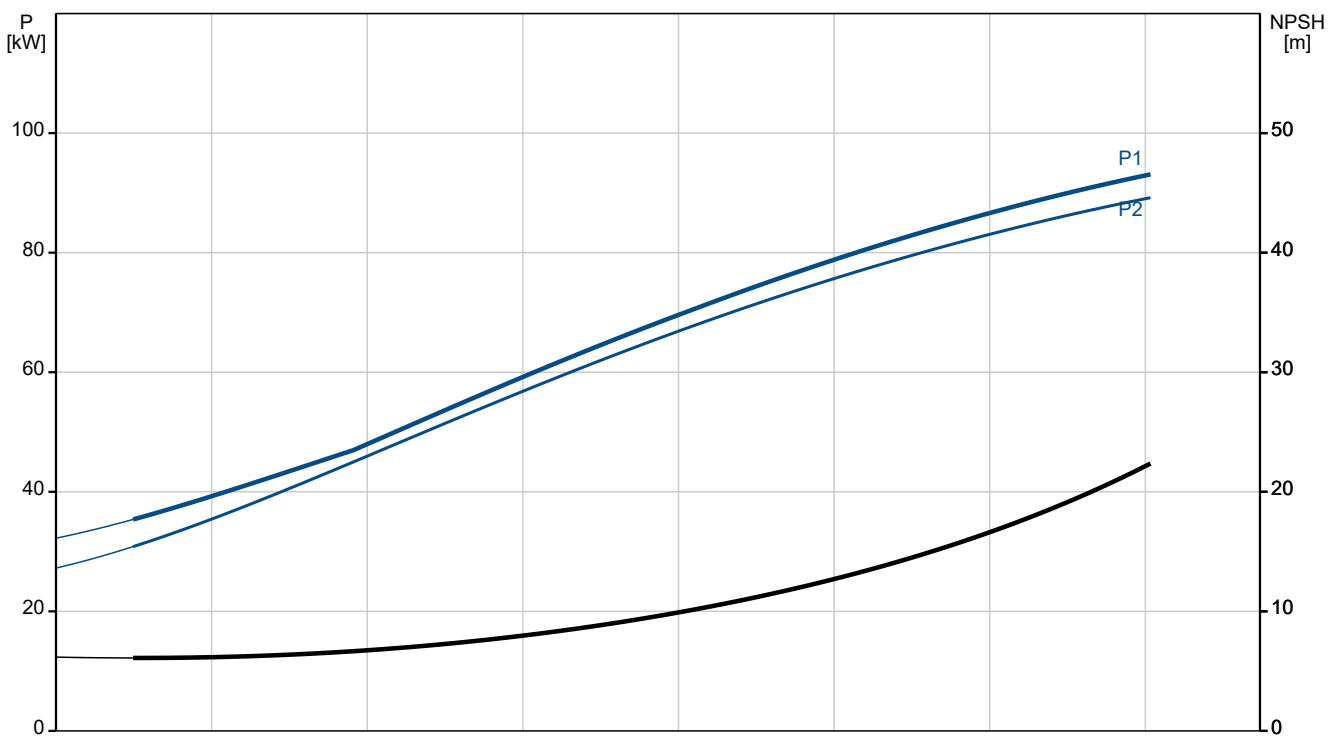


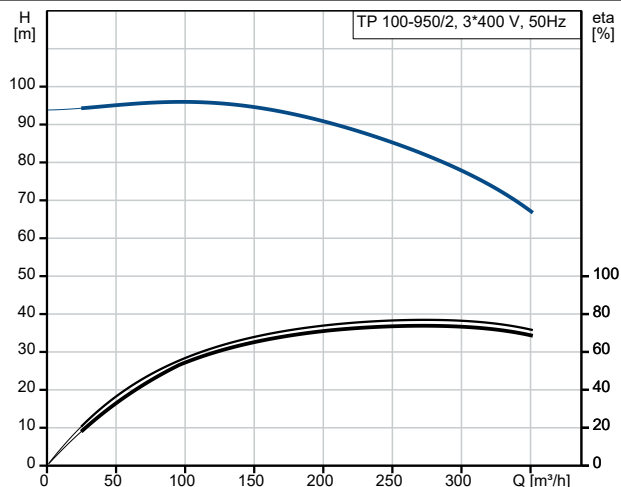
99087199 TP 100-950/2 A3-F-O-DAQF-WW1 50 Hz



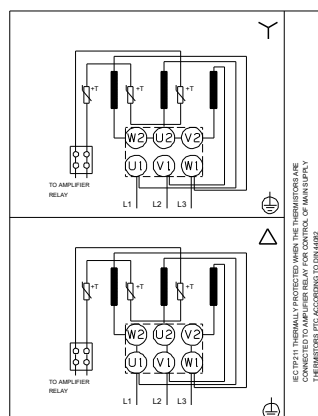
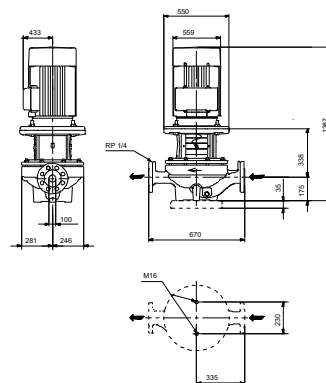
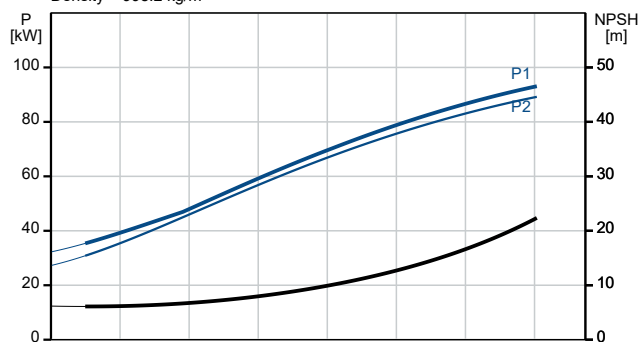
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	TP 100-950/2 A3-F-O-DAQF-WW1
Product No:	99087199
EAN number:	5712606522071
Technical:	
Pump speed on which pump data are based:	2980 rpm
Rated flow:	270.1 m³/h
Rated head:	83.46 m
Maximum head:	950 dm
Actual impeller diameter:	265 mm
Code for shaft seal:	DAQF
Curve tolerance:	ISO9906:2012 3B
Pump version:	A3
Materials:	
Pump housing:	Ductile iron
Pump housing:	EN-GJS-400-18-LT
Pump housing:	ASTM Grade 60-40-18
Impeller:	Cast iron
Impeller:	EN-GJL-200
Impeller:	ASTM class 30
Material code:	O
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 140 °C
Type of connection:	DIN
Size of connection:	DN 100
Pressure rating for connection:	PN 25
Port-to-port length:	670 mm
Flange size for motor:	FF500
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 140 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	SIEMENS
Rated power - P2:	90 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	151/87 A
Starting current:	850 %
Cos phi - power factor:	0.9
Rated speed:	2980 rpm
IE efficiency:	IE4 95.8 %
IE Efficiency class:	IE4
Motor efficiency at full load:	95.8 %
Motor efficiency at 3/4 load:	96.1 %
Motor efficiency at 1/2 load:	95.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	92898767
Controls:	



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





Company name:

Created by:

Phone:

Date:

18/07/2024

Description	Value
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	801 kg
Gross weight:	852 kg
Shipping volume:	2.14 m ³