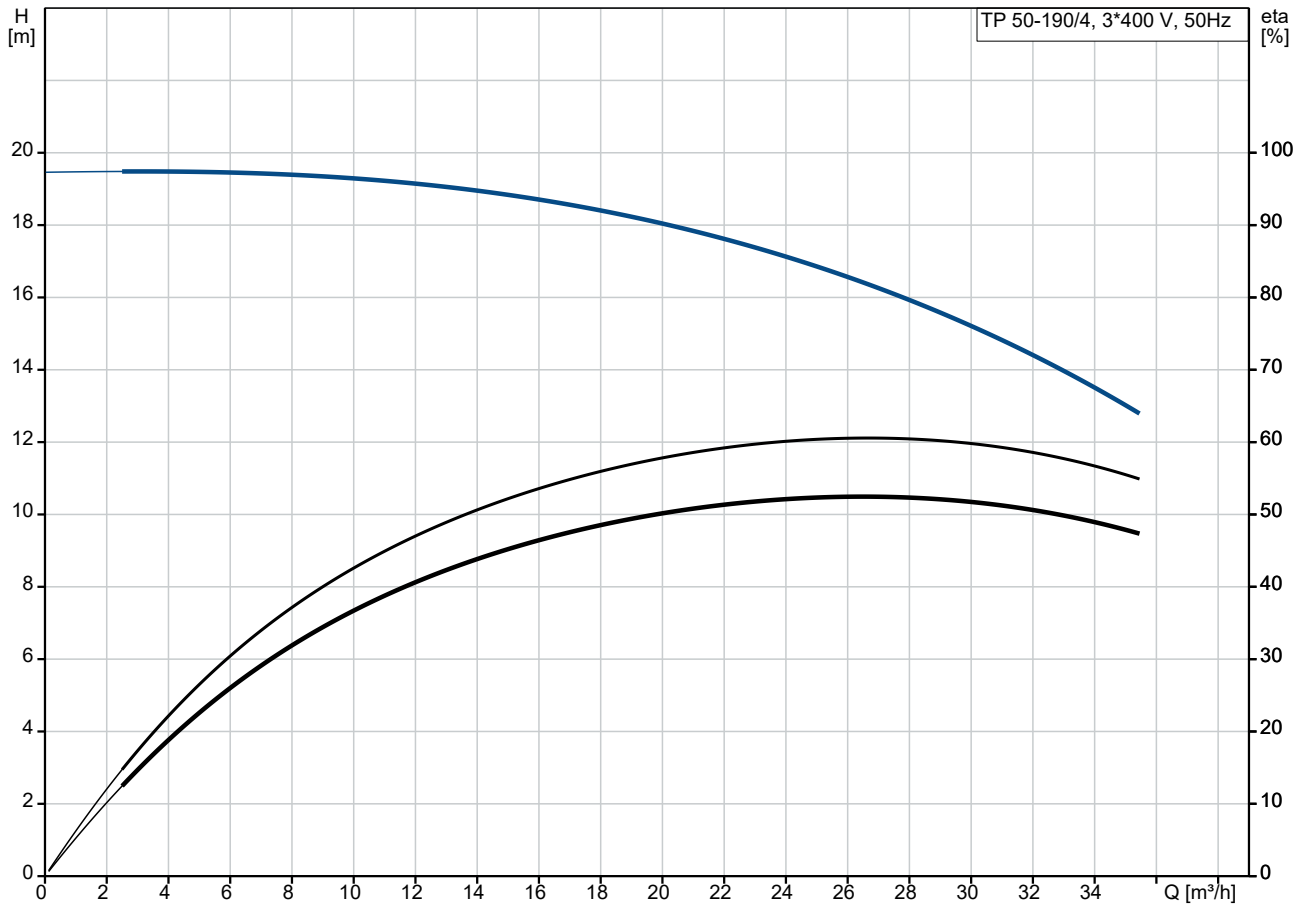
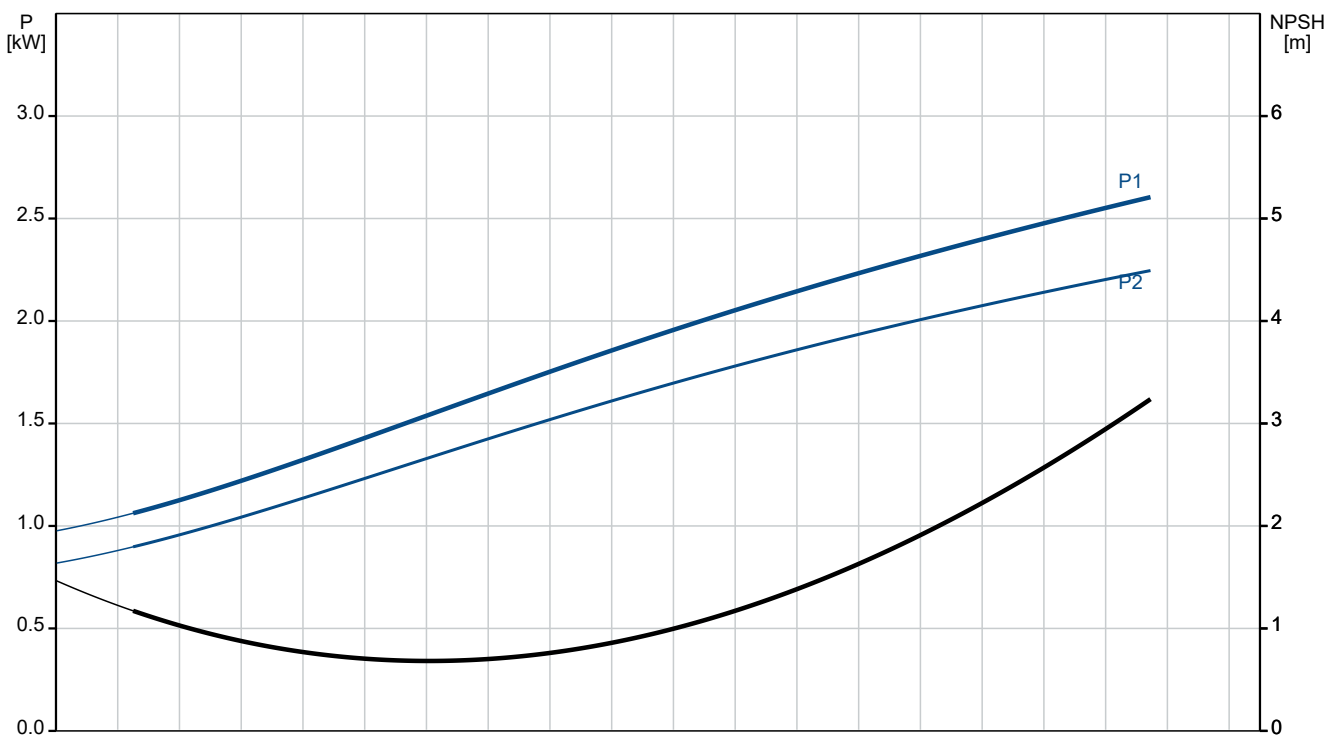


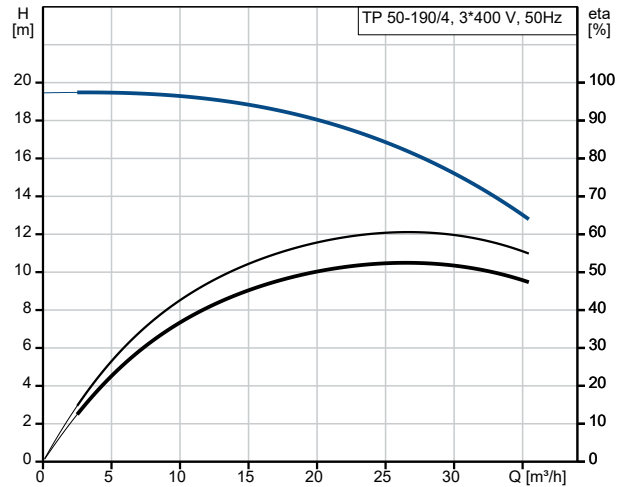
96087127 TP 50-190/4 A-F-B-BAQE-IW3 50 Hz



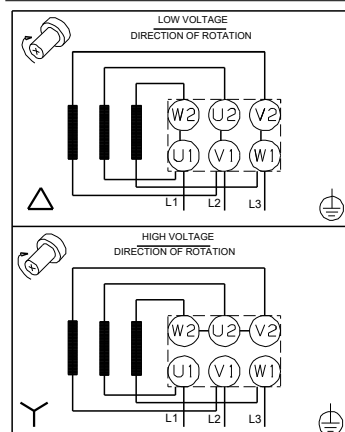
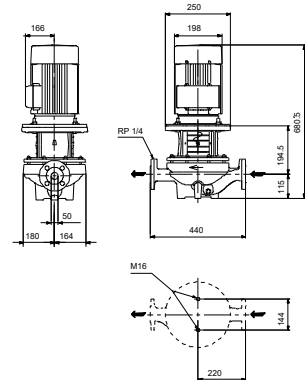
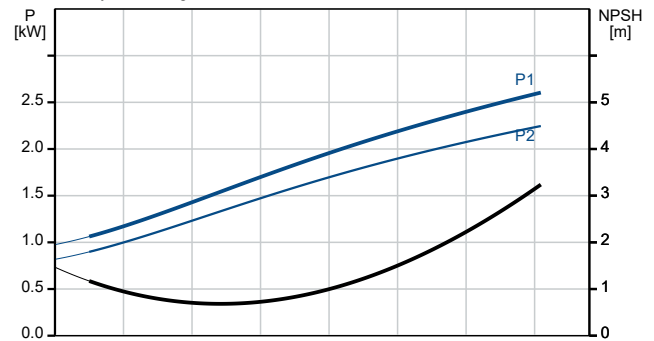
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	TP 50-190/4 A-F-B-BAQE-IW3
Product No:	96087127
EAN number:	5700395310832
Technical:	
Pump speed on which pump data are based:	1450 rpm
Rated flow:	26.5 m³/h
Rated head:	15.9 m
Maximum head:	190 dm
Actual impeller diameter:	240 mm
Code for shaft seal:	BAQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Bronze
Impeller:	CuSn10-C
Material code:	B
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Type of connection:	DIN
Size of connection:	DN 50
Pressure rating for connection:	PN 16
Port-to-port length:	440 mm
Flange size for motor:	FF215
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	SIEMENS
Rated power - P2:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-420Y V
Rated current:	7.7/4.4 A
Starting current:	840 %
Cos phi - power factor:	0.83
Rated speed:	1465 rpm
IE efficiency:	IE3 86,7%
IE Efficiency class:	IE3
Motor efficiency at full load:	86.7 %
Motor efficiency at 3/4 load:	87 %
Motor efficiency at 1/2 load:	85.9 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	83V02208
Controls:	
Frequency converter:	None



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
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	81.7 kg
Gross weight:	100 kg
Shipping volume:	0.39 m³