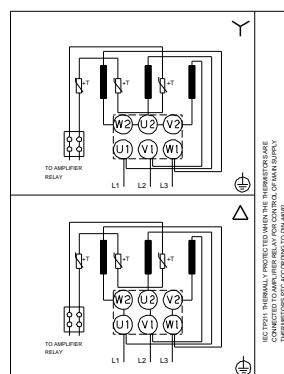
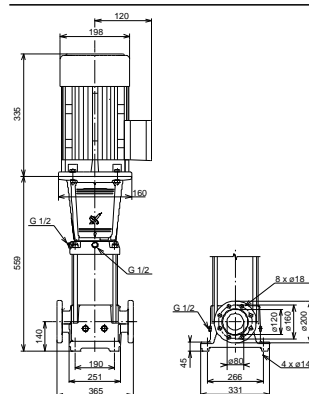
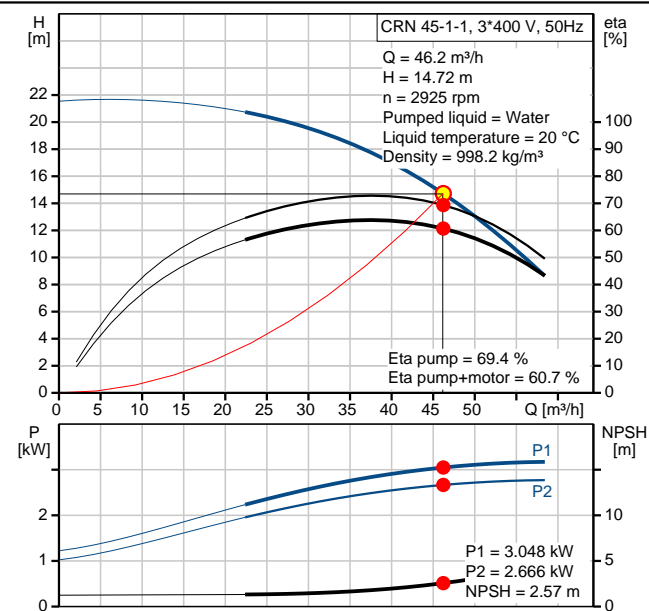


Description	Value
General information:	
Product name:	CRN 45-1-1 A-F-G-V-HQQV
Product No:	96123141
Position	
EAN number:	5700396691862
Technical:	
Speed for pump data:	2902 rpm
Actual calculated flow:	46.2 m³/h
Resulting head of the pump:	14.72 m
Impellers:	1
Impeller reduc.:	1
Primary shaft:	HQQV
Curve tolerance:	ISO9906:2012 3B
Stages:	1
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel DIN W.-Nr. 1.4408 AISI 316 LN
Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Material code:	G
Code for rubber:	V
Bush material:	Graflon
Installation:	
Maximum ambient temperature:	60 °C
Max pressure at stated temp:	16 bar / 90 °C 16 bar / -20 °C
Flange standard:	DIN
Connect code:	F
Pipe connection:	DN 80
Pressure stage:	PN 16 / PN 25 / PN 40
Flange size for motor:	FT130
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Liquid temp:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	100LC
IE Efficiency class:	IE3
Number of poles:	2
Rated power - P2:	3 kW
Power (P2) required by pump:	3 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D V
Rated current:	6.3 A
Starting current:	840-920 %
Cos phi - power factor:	0,87-0,82
Rated speed:	2900-2920 rpm
Efficiency:	IE3 87,1%





Company name:

Created by:

Phone:

Date:

11/2/2015

Description	Value
Motor efficiency at full load:	87,1 %
Motor efficiency at 3/4 load:	88,0 %
Motor efficiency at 1/2 load:	87,7 %
Enclosure class (IEC 34-5)::	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U15510
Others:	
Label:	Grundfos Blueflux
Minimum efficiency index, MEI :	0.7
Net weight:	81.8 kg
Gross weight:	105 kg
Shipping volume:	0.26 m ³



Company name:

Created by:

Phone:

Date:

11/2/2015