Description	Value
General information:	
Product name:	TP 80-60/4 A-F-A-BQBE-FW3
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	1456 rpm
Rated flow:	39.1 m³/h
Rated head:	4.97 m
Maximum head:	60 dm
Actual impeller diameter:	133 mm
Primary shaft seal:	BQBE
Code for shaft seal:	BQBE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Type key, code for materials:	A
Pump housing:	Cast iron
	EN-GJL-250
	ASTM class 35
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	A
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 140 °C
Type key, code for pipework connection:	F
Pipe connection standard:	EN 1092-2
Type of connection:	DIN
Size of connection:	DN 80
Pressure rating for connection:	PN 10
Port-to-port length:	360 mm
Flange size for motor:	FT100
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:	INNOMOTICS
Rated power - P2:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-420Y V
Rated current:	3.05/1.75 A
Starting current:	710 %
Cos phi - power factor:	0.75
Rated speed:	1450 rpm
IE efficiency:	IE3 82,5%
IE Efficiency class:	IE3
Motor efficiency at full load:	82.5 %
Motor efficiency at 3/4 load:	82.3 %
Motor efficiency at 1/2 load:	79.3 %

TP 80-60/4, 3*400 V, 50Hz

Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³
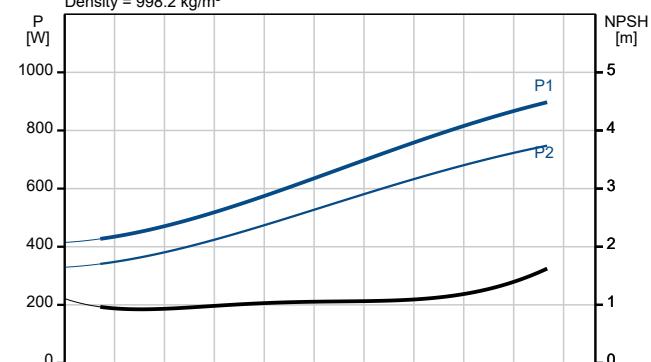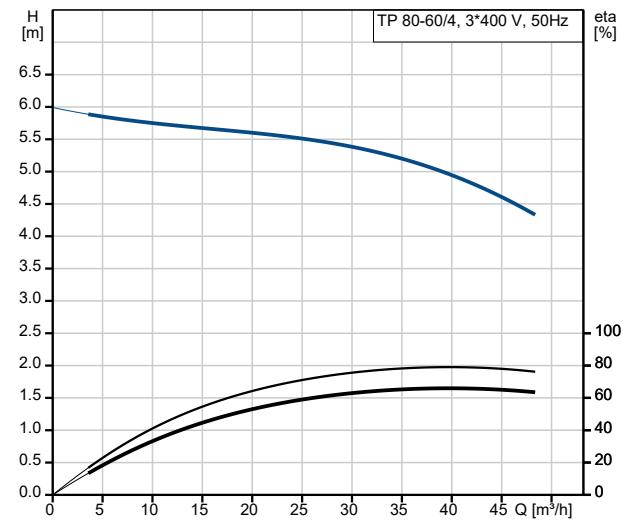
Description	Value
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	99900480
Controls:	
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	45 kg
Gross weight:	53.6 kg
Shipping volume:	0.204 m³

GRUNDFOS

Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		TP 80-60/4 A-F-A-BQBE-FW3	1	On request	