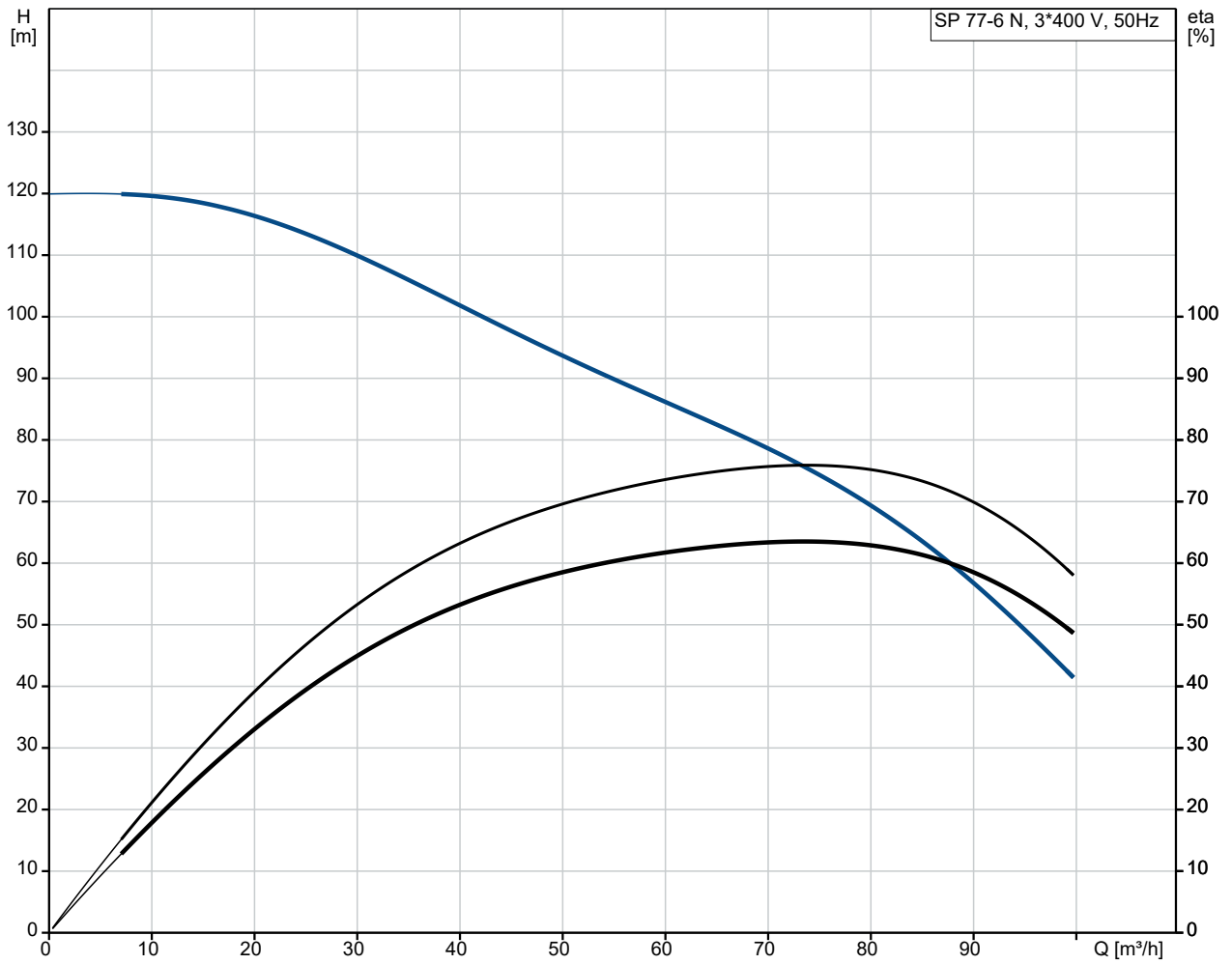


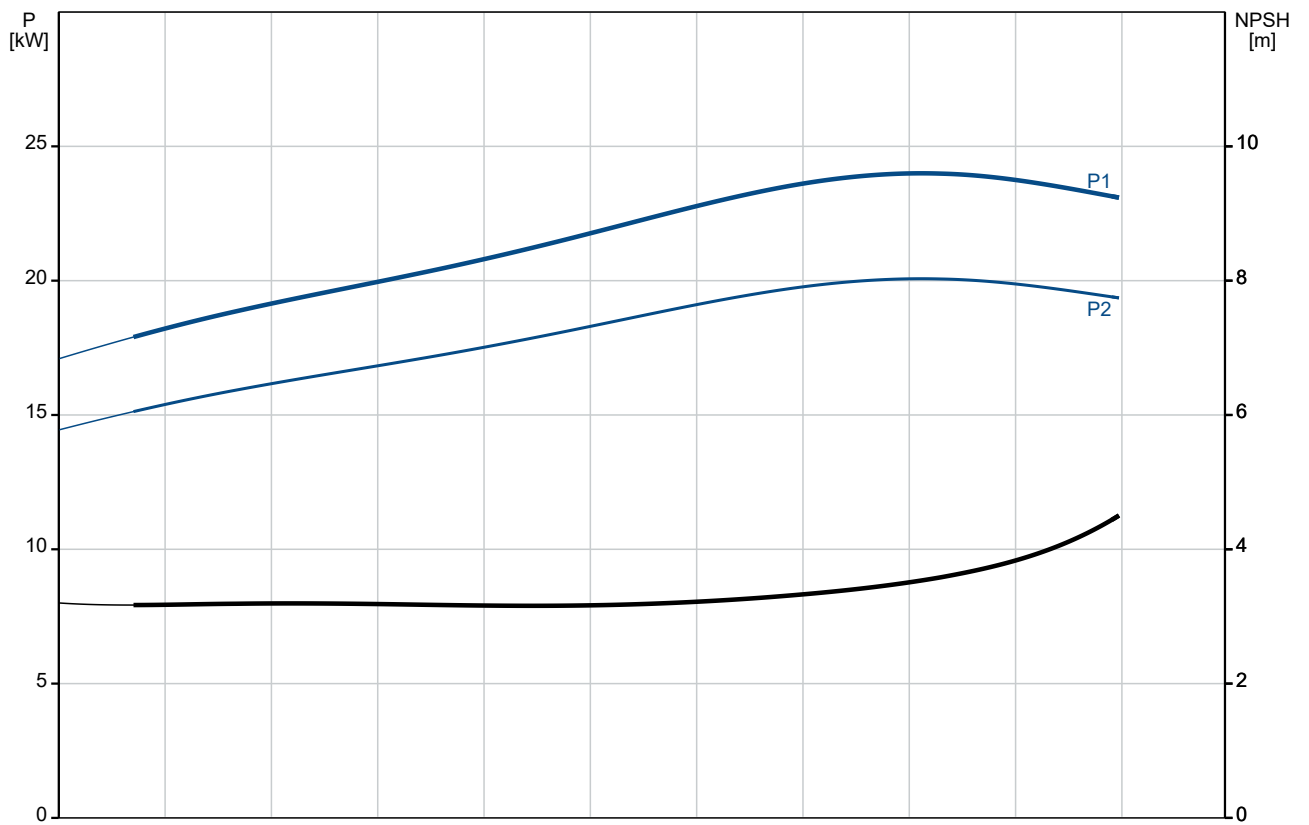
Qty.	Description
1	<p data-bbox="240 165 517 219">SP 77-6 N Product No.: On request</p> <p data-bbox="240 255 1449 309">Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steel components are made in stainless steel, EN 1.4401 (AISI 316), that ensures high corrosive resistance.</p> <p data-bbox="240 315 1433 387">The pump is fitted with a 22 kW MS6000 motor with sand shield, mechanical shaft seal, water-lubricated journal bearings and a volume compensating diaphragm. The motor is a canned type submersible motor offering good mechanical stability and high efficiency.</p> <p data-bbox="240 398 1422 452">The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring.</p> <p data-bbox="240 459 721 486">The motor is for direct-on-line starting (DOL).</p> <p data-bbox="240 517 316 544">Liquid:</p> <p data-bbox="240 551 730 667">Pumped liquid: Water Liquid temperature range: -15 .. 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³</p> <p data-bbox="240 698 352 725">Technical:</p> <p data-bbox="240 732 995 969">Pump speed on which pump data are based: 2900 rpm Rated flow: 77 m³/h Rated head: 74 m Shaft seal for motor: SIC/SICFKM Approvals: CE,EAC,UKCA,SEPRO,MOROCCO Curve tolerance: ISO9906:2012 3B Motor version: T40 Return valve: YES</p> <p data-bbox="240 1001 347 1028">Materials:</p> <p data-bbox="240 1034 804 1303">Pump: Stainless steel EN 1.4401 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Motor: Stainless steel DIN W.-Nr. 1.4539 AISI 904L</p> <p data-bbox="240 1335 363 1361">Installation:</p> <p data-bbox="240 1368 695 1579">Maximum ambient pressure: 60 bar Maximum operating pressure: 60 bar Maximum outlet pressure: 12.2 bar Type of connection: GF Size of connection: 5 inch Motor diameter: 6 inch Minimum borehole diameter: 215 mm</p> <p data-bbox="240 1610 400 1637">Electrical data:</p> <p data-bbox="240 1644 831 2092">Motor type: MS6000 Motor flange design: Grundfos Rated power - P2: 22 kW Power (P2) required by pump: 22 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 49.5-47.5-46.5 A Starting current: 480-530-560 % Cos phi - power factor: 0.86-0.84-0.82 Rated speed: 2850-2870-2880 rpm Start. method: DOL Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Built-in temp. transmitter: Y Length of cable: 5 m</p>

Qty.	Description
1	Power cable type: FLAT Motor No: 78195618 Windings: Enamelled Others: Net weight: 113 kg Gross weight: 147 kg Shipping volume: 0.264 m ³ Environmental approvals: WEEE

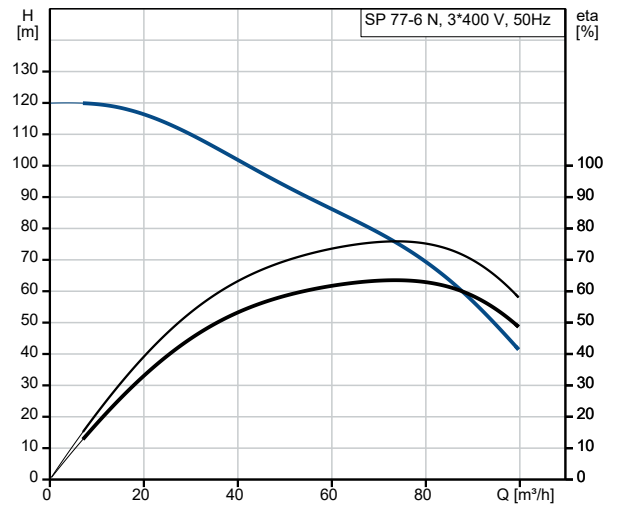
On request SP 77-6 N 50 Hz



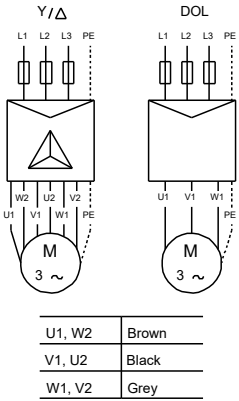
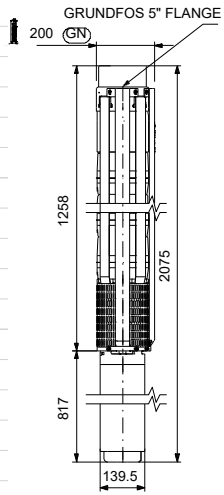
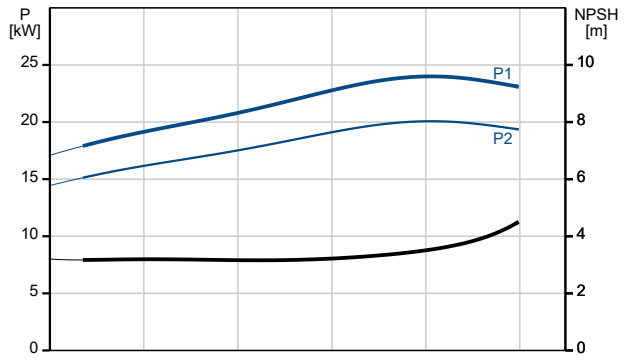
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	SP 77-6 N
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	77 m ³ /h
Rated head:	74 m
Stages:	6
Number of reduced-diameter impellers:	NONE
Shaft seal for motor:	SIC/SICFKM
Approvals:	CE,EAC,UKCA,SEPRO,MOR OCCO
Curve tolerance:	ISO9906:2012 3B
Model:	C
Motor version:	T40
Return valve:	YES
Materials:	
Pump:	Stainless steel
Pump:	EN 1.4401
Pump:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Motor:	Stainless steel
Motor:	DIN W.-Nr. 1.4539
Motor:	AISI 904L
Installation:	
Maximum ambient pressure:	60 bar
Maximum operating pressure:	60 bar
Maximum outlet pressure:	12.2 bar
Type of connection:	GF
Size of connection:	5 inch
Motor diameter:	6 inch
Minimum borehole diameter:	215 mm
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-15 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor type:	MS6000
Motor flange design:	Grundfos
Rated power - P2:	22 kW
Power (P2) required by pump:	22 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	49.5-47.5-46.5 A
Starting current:	480-530-560 %
Cos phi - power factor:	0.86-0.84-0.82
Rated speed:	2850-2870-2880 rpm
Start. method:	DOL
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Thermal protec:	EXT.
Built-in temp. transmitter:	Y
Length of cable:	5 m
Power cable type:	FLAT
Motor No:	78195618
Cable number:	96300123
Windings:	Enamelled
Others:	



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

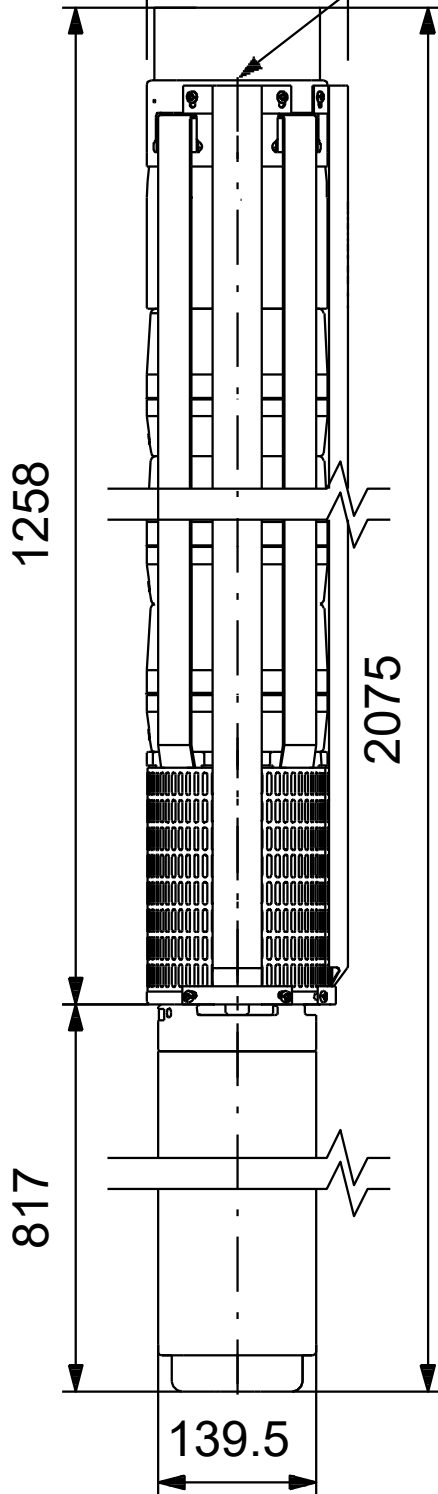


Description	Value
Net weight:	113 kg
Gross weight:	147 kg
Shipping volume:	0.264 m ³
Environmental approvals:	WEEE

On request SP 77-6 N 50 Hz

GRUNDFOS 5" FLANGE

200 (GN)



Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.