


Position	Count	Description																																																		
	1	<p><b>UPS 32-80 180</b></p>  <p style="text-align: center;"><b>Product photo could vary from the actual product</b></p> <p>Product No.: On request                      The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid. The pump is characterized by:</p> <ul style="list-style-type: none"> <li>* Ceramic shaft and radial bearings.</li> <li>* Carbon axial bearing.</li> <li>* Stainless steel rotor can and bearing plate.</li> <li>* Corrosion-resistant impeller, Composite, PES/PP.</li> <li>* Cast iron pump housing.</li> </ul> <p>The motor is a 1-phase motor.                      No additional motor protection is required.</p> <p><b>Liquid:</b></p> <table> <tr><td>Pumped liquid:</td><td>Water</td></tr> <tr><td>Liquid temperature range:</td><td>248 .. 383 K</td></tr> <tr><td>Liquid temp:</td><td>333 K</td></tr> <tr><td>Density:</td><td>983.2 kg/m<sup>3</sup></td></tr> </table> <p><b>Technical:</b></p> <table> <tr><td>Actual calculated flow:</td><td>5.13 m<sup>3</sup>/h</td></tr> <tr><td>Resulting head of the pump:</td><td>5.19 m</td></tr> <tr><td>TF class:</td><td>110</td></tr> <tr><td>Approvals on nameplate:</td><td>AAA</td></tr> </table> <p><b>Materials:</b></p> <table> <tr><td>Pump housing:</td><td>Cast iron EN-JL1030 ASTM 30 B</td></tr> <tr><td>Impeller:</td><td>Composite, PES/PP</td></tr> </table> <p><b>Installation:</b></p> <table> <tr><td>Ambient max at 176°F liquid:</td><td>313 K</td></tr> <tr><td>Maximum operating pressure:</td><td>1000 kPa</td></tr> <tr><td>Pipe connection:</td><td>G 2</td></tr> <tr><td>Pressure stage:</td><td>PN 10</td></tr> <tr><td>Port-to-port length:</td><td>180 mm</td></tr> </table> <p><b>Electrical data:</b></p> <table> <tr><td>C run:</td><td>4 μF</td></tr> <tr><td>Power input in speed 1:</td><td>135 W</td></tr> <tr><td>Power input in speed 2:</td><td>200 W</td></tr> <tr><td>Max. power input:</td><td>220 W</td></tr> <tr><td>Main frequency:</td><td>50 Hz</td></tr> <tr><td>Rated voltage:</td><td>1 x 230 V</td></tr> <tr><td>Current in speed 1:</td><td>0.6 A</td></tr> <tr><td>Current in speed 2:</td><td>0.9 A</td></tr> <tr><td>Current in speed 3:</td><td>0.98 A</td></tr> <tr><td>Capacitor size - run:</td><td>4 μF</td></tr> </table>	Pumped liquid:	Water	Liquid temperature range:	248 .. 383 K	Liquid temp:	333 K	Density:	983.2 kg/m <sup>3</sup>	Actual calculated flow:	5.13 m <sup>3</sup> /h	Resulting head of the pump:	5.19 m	TF class:	110	Approvals on nameplate:	AAA	Pump housing:	Cast iron EN-JL1030 ASTM 30 B	Impeller:	Composite, PES/PP	Ambient max at 176°F liquid:	313 K	Maximum operating pressure:	1000 kPa	Pipe connection:	G 2	Pressure stage:	PN 10	Port-to-port length:	180 mm	C run:	4 μF	Power input in speed 1:	135 W	Power input in speed 2:	200 W	Max. power input:	220 W	Main frequency:	50 Hz	Rated voltage:	1 x 230 V	Current in speed 1:	0.6 A	Current in speed 2:	0.9 A	Current in speed 3:	0.98 A	Capacitor size - run:	4 μF
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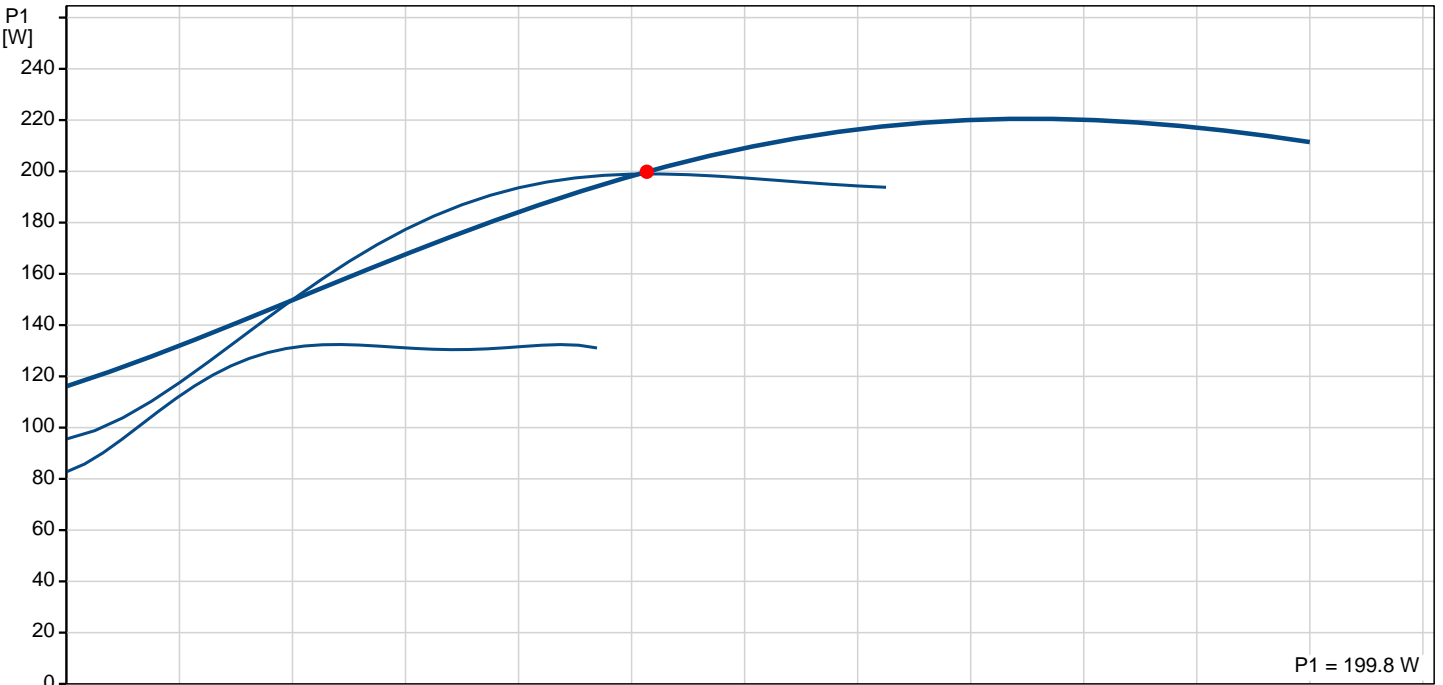
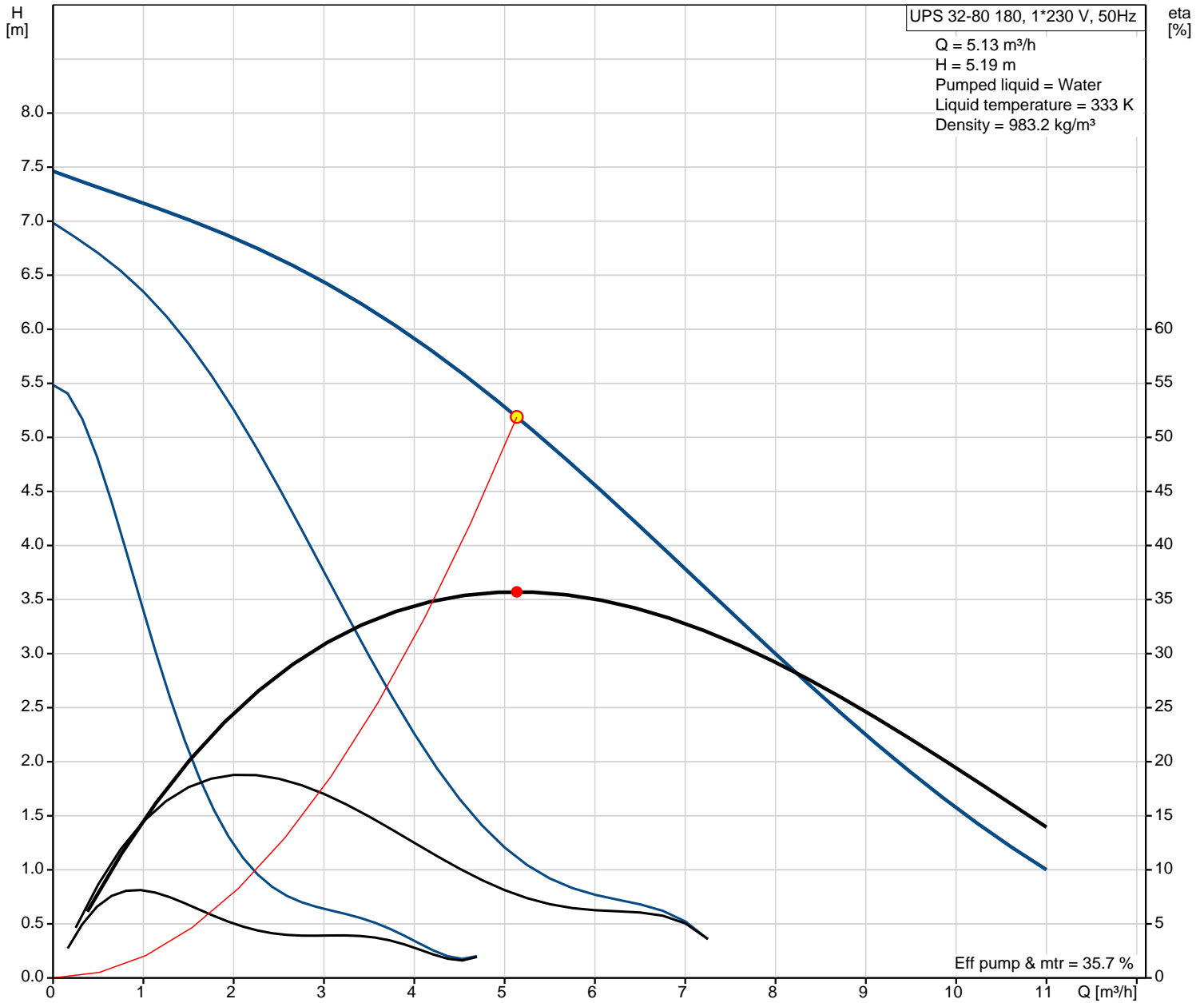
**Company name:** Forat Aqua Structures Company (FAS.co)  
**Created by:** Tooraj Sadeghi Zahed  
**Phone:** +98 (021) 33993558  
**Email:** tooraj.zahed@yahoo.com  
**Date:** 2/26/2017

Position	Count	Description
		Enclosure class (IEC 34-5): X2D Insulation class (IEC 85): F  <b>Others:</b> Net weight: 4.6 kg Gross weight: 5 kg Shipping volume: 0.008 m <sup>3</sup>



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# On request UPS 32-80 180 50 Hz



Description	Value
<b>General information:</b>	
Product name:	UPS 32-80 180
Product No.:	On request
EAN:	On request
Price:	On request
<b>Technical:</b>	
Speed Number:	3
Actual calculated flow:	5.13 m <sup>3</sup> /h
Resulting head of the pump:	5.19 m
Head max:	8 m
TF class:	110
Approvals on nameplate:	AAA
<b>Materials:</b>	
Pump housing:	Cast iron EN-JL1030 ASTM 30 B
Impeller:	Composite, PES/PP
<b>Installation:</b>	
Ambient max at 176°F liquid:	313 K
Maximum operating pressure:	1000 kPa
Pipe connection:	G 2
Pressure stage:	PN 10
Port-to-port length:	180 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	248 .. 383 K
Liquid temp:	333 K
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
C run:	4 μF
Power input in speed 1:	135 W
Power input in speed 2:	200 W
Max. power input:	220 W
Main frequency:	50 Hz
Rated voltage:	1 x 230 V
Current in speed 1:	0.6 A
Current in speed 2:	0.9 A
Current in speed 3:	0.98 A
Capacitor size - run:	4 μF
Enclosure class (IEC 34-5):	X2D
Insulation class (IEC 85):	F
Motor protection:	CONTACT
Thermal protec:	internal
<b>Controls:</b>	
Pos term box:	9H
<b>Others:</b>	
Net weight:	4.6 kg
Gross weight:	5 kg
Shipping volume:	0.008 m <sup>3</sup>

