

VSP60-2

Solar pumping system





> we move it faster >

Inverter

Model: VASCO Solar 415 MP

Input Voltage: 160 - 850 VDC; 3 x 320-520 VAC

Input Voltage for rated P1 : >560 VDC

Max output current: 15 A

Max motor P2 : 5,5 kW

Max efficiency: 97 %

Protection degree: IP65 (NEMA 4)

Max ambient temperature : 60 °C with 4 kW motor



Motor

Best quality Franklin motor.

Three phase 4" water filled submersible motor.

Encapsulated and resinated stator to grant maximum insulation and heat dissipation.

Protection degree IP68.

Insulation class F.

Max water temperature: 35 °C, minimum speed 0,08 m/s

Removable lead connector.

Cable for drinking water applications, VDE/ACS/KTW compliant

No-wear, water lubricated thrust bearing.



Pump end

6" submersible pump.

Fully stainless steel AISI 304.

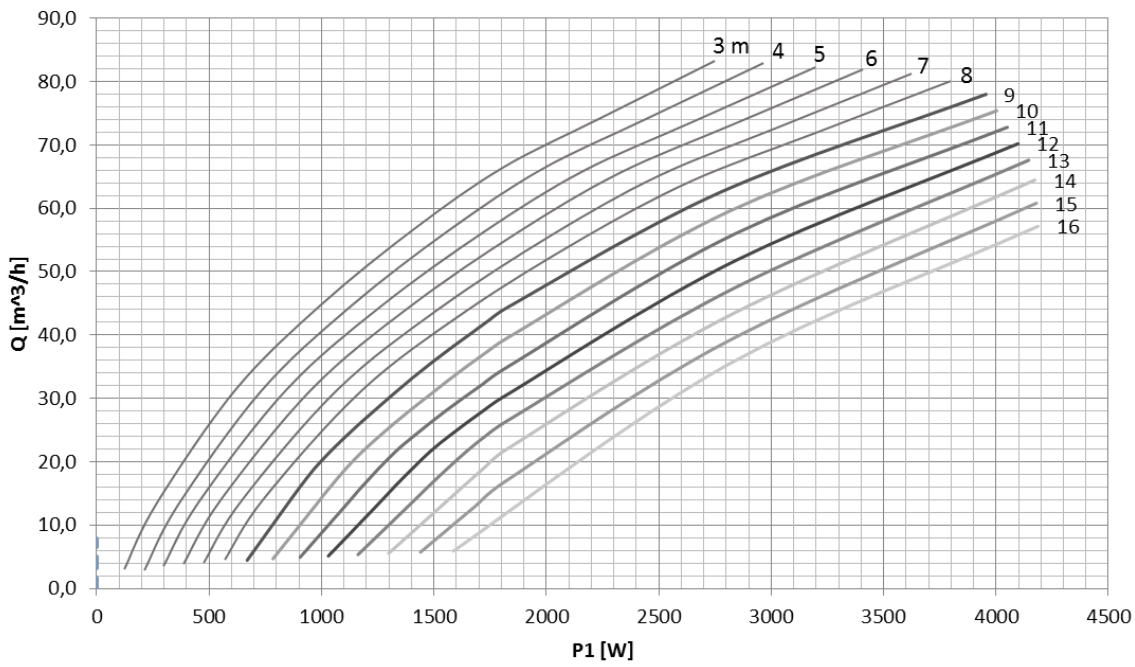
Stainless steel impellers and diffusers to grant maximum efficiency and reliability.

Sand content: 50 gr/m³

Max water temperature: 30 °C



Performance



| | |
|----------|---------------|
| | η_{\max} |
| Inverter | 97% |
| Motor | 76% |
| Pump | 76% |

Weights and dimensions

| Model | Pump | | | | Motor | | | | | Pump + Motor | | VASCO Solar |
|---------|------|-------------|------|------------|--------|------|-----------|------|------------|--------------|------------|-------------|
| | A | B | C | Net Weight | Diam | P2 | Voltage | D | Net Weight | L | Net Weight | |
| | [mm] | | [mm] | [kg] | [inch] | [kW] | [VAC] | [mm] | [mm] | [mm] | [mm] | |
| VSP60-2 | 496 | 3" or 4" RP | 146 | 9,2 | 4 | 4 | 3x380 VAC | 543 | 21,8 | 1039 | 31 | 415 |

