

Product Leaflet



Solar Powered Pumps
for Irrigation &
Drinking water
applications



IS : 8034 : 2018



CM/L - 7600125510

Matching the Pump to your water source



About us

Incepted in the year **2017**, we “**Hawksun Solar Solutions**” are engaged in **manufacturing, exporting and trading** a wide assortment of **Solar AC and Dc Borewell Submersible Pumps and controller**. Situated at **Rajkot (Gujarat, India)**, we are a **Partnership** company and manufacture these products as per the set industry standards.

Superlative features coupled with outstanding performance have resulted in Hawksun Solar Pumps making a distinctive mark in the pump market, the world over. Available in the range of 0.5 HP-20 HP, **Hawksun Solar Submersible Pumps offer 40% more discharge** as compared to other ordinary pumps. Naturally, this makes our pumps the undisputed leader in the pump market.

- Proven motor, pump and motor control and solar PV maximum power point technology for a reliable and fail safe operation
- Easy to operate, Simple to install, No maintenance, Value for money, Attractive paybacks

Hawksun Solar has set up a manufacturing facility for AC & DC Solar Submersible in Rajkot (Gujarat) fully equipped with the latest plant and equipment. The facility is designed to facilitate development of products with international standards. The facility is equipped with a Latest Digital. The availability of all these equipment in house gives us the advantage of delivering the products both on time and as per the specifications of the clients. All the above equipment are the best in the class and latest technology with time to time Calibrated

Having **ISO-9001-2015** accreditation, our focus is on continuous and consistent quality pump manufacturing.

Matching the Pump to your water source

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➤ **Ac Solar Borewell Submersible Pumps**

1. 4" 1.0 H.P – 110/80 V/9.5Amp – 30 MTR

2. 4" 1.0 H.P – 110/9.5Amp - 60 MTR

3. 4" 2.0 H.P – 160V/9.5Amp- 30 MTR

4. 4" 2.0 H.P –160V/9.5Amp- 60 MTR

5. 4" 2.0 H.P -160V/9.5Amp- 90 MTR

6. 6" 3.0H.P – 230V/9.5Amp- 30 MTR

7. 4" 3.0 H.P – 230V/9.5Amp- 60 MTR

8. 4" 3.0 H.P – 230V/9.5Amp- 90 MTR

9. 6" 5.0 H.P – 380V/9.5Amp- 30 MTR

10. 6" 5.0 H.P – 380V/9.5Amp- 50 MTR

11. 6" 5.0 H.P- 380V/9.5Amp- 70 MTR

12. 4" 5.0 H.P – 380V/9.5Amp- 100 MTR

13. 6" 7.5 H.P – 300V/17.5Amp- 30 MTR

14. 6" 7.5 H.P -- 300V/17.5Amp- 50 MTR

15. 6" 7.5 H.P -- 300V/17.5Amp- 70 MTR

16. 6" 7.5 H.P -- 300V/17.5Amp- 100 MTR

17. 6" 10.0 H.P -- 380V/17.5Amp- 50 MTR

18. 6" 10.0 H.P -- 380V/17.5Amp- 70 MTR

19. 6" 10.0 H.P -- 380V/17.5Amp- 100 MTR

➤ **Ac Solar Horizontal Openwell Submersible Pumps**

1. 3.0H.P – 230V/9.5Amp- 10 MTR

2. 3.0H.P – 230V/9.5Amp- 20 MTR

3. 5.0HP – 380V/9.5Amp – 20 MTR

4. 5.0HP – 380V/9.5Amp – 30 MTR

5. 7.5.0HP – 380V/9.5Amp – 30 MTR

6. 7.5.0HP – 380V/9.5Amp – 40 MTR

➤ **DC Solar Borewell Submersible Pumps.**

1. 4" 1.0 H.P – 72V/9.5Amp – 30 MTR

2. 4" 1.0 H.P 72V/9.5Amp - 60 MTR

3. 1.0 H.P 72V/9.5Amp - 90 MTR

4. 2.0 H.P 140V/11.5 Amp – 60 MTR

5. 2.0 H.P – 140V/11.5Amp. – 90 MTR

➤ **DC Solar Surface Monoblock Pumps.**

1. 1.0 H.P – 72V/9.5Amp – 10 MTR.

2. 2.0 H.P 140V/11.5 Amp – 10 MTR

3. 3.0 H.P 140V/11.5 Amp – 10 MTR

4" Solar Submersible Pumps For 4" Borewell

1.0 H.P – 30 MTR

Performance Data;

Head – 30 Meter

Discharge – 17000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 0.75kw/1.0hp

Rated Voltage – 110V/80V

Motor current – 9.5Amps

Solar Power Require – 900 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

4" Centrifugal Pump for longer life

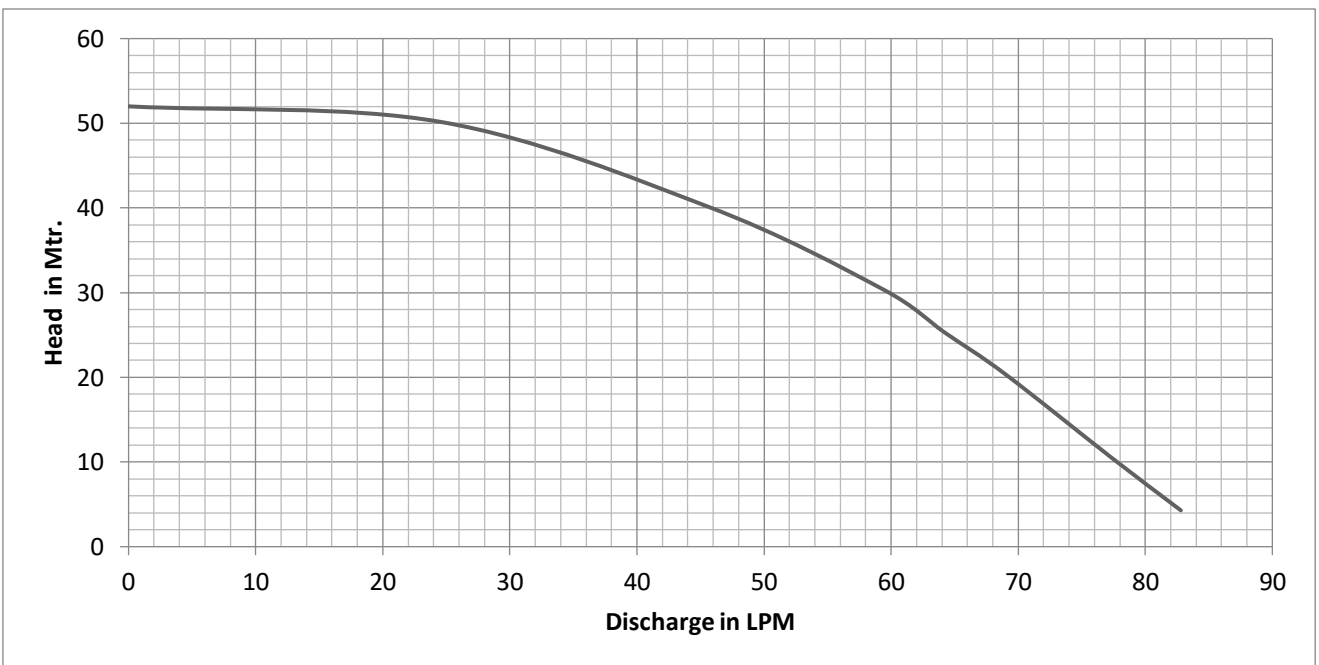
Pump outlet 32 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

1.0 H.P – 60 MTR

Performance Data;

Head – 60 Meter

Discharge – 9000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 0.75kw/1.0hp

Rated Voltage – 110V

Motor current – 9.5Amps

Solar Power Require – 1200 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

4" Centrifugal Pump for longer life

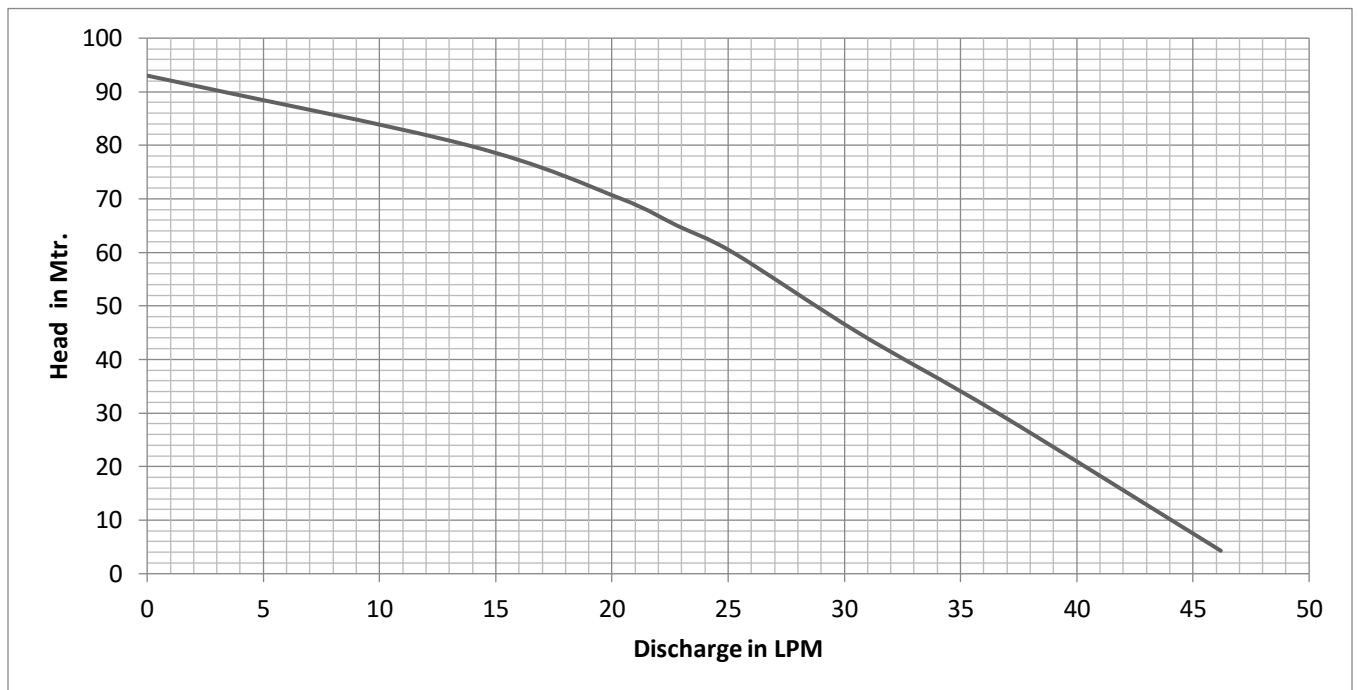
Pump outlet 25 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

2.0 H.P – 30 MTR

Performance Data;

Head – 30 Meter

Discharge – 45000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 1.5kw/2.0hp

Rated Voltage – 160V

Motor current – 9.5Amps

Solar Power Require – 1800 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

4" Centrifugal Pump for longer life

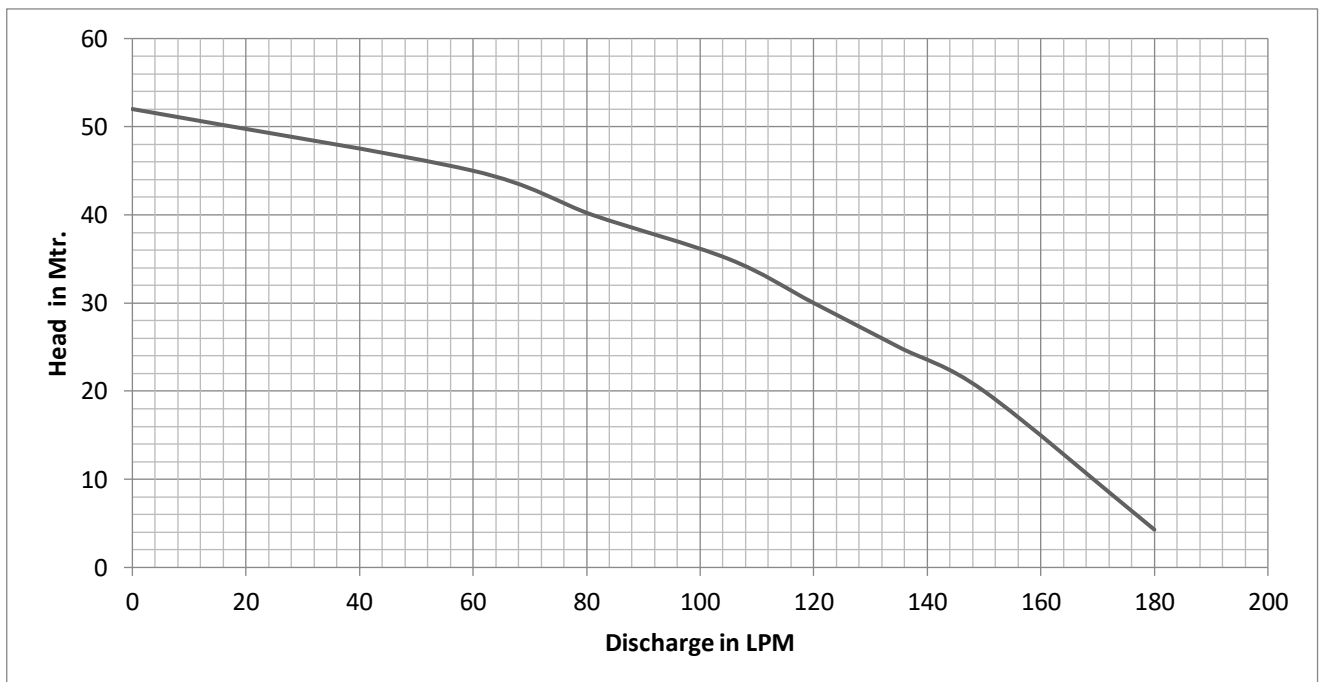
Pump outlet 50 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

2.0 H.P – 60 MTR

Performance Data;

Head – 60 Meter

Discharge – 28000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 1.5kw/2.0hp

Rated Voltage – 160V

Motor current – 9.5Amps

Solar Power Require – 1800 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

4" Centrifugal Pump for longer life

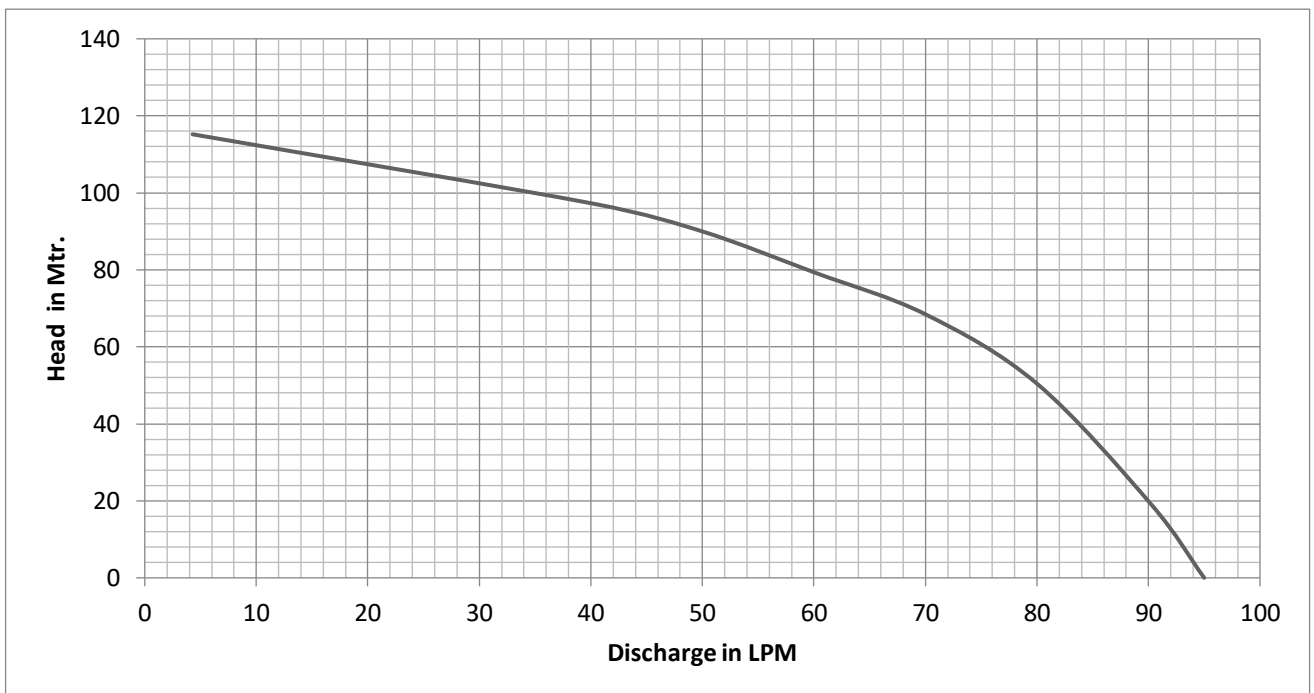
Pump outlet 32 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

2.0 H.P – 90 MTR

Performance Data;

Head – 60 Meter

Discharge – 14000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 1.5kw/2.0hp

Rated Voltage – 160V

Motor current – 9.5Amps

Solar Power Require – 1800 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

4" Centrifugal Pump for longer life

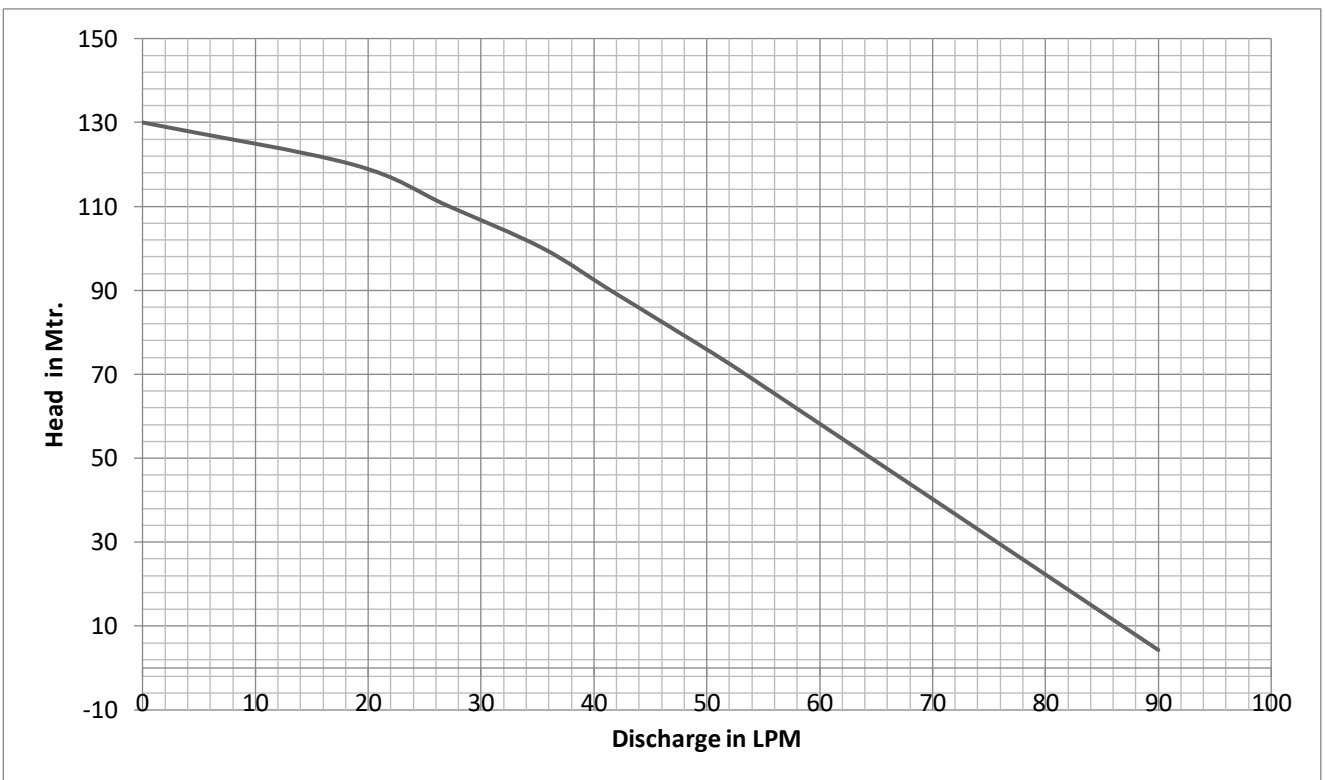
Pump outlet 25 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

3.0 H.P – 30 MTR

Performance Data;

Head – 30 Meter

Discharge – 96000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 2.2kw/3.0hp

Rated Voltage – 230V

Motor current – 9.5Amps

Solar Power Require – 3000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 98 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

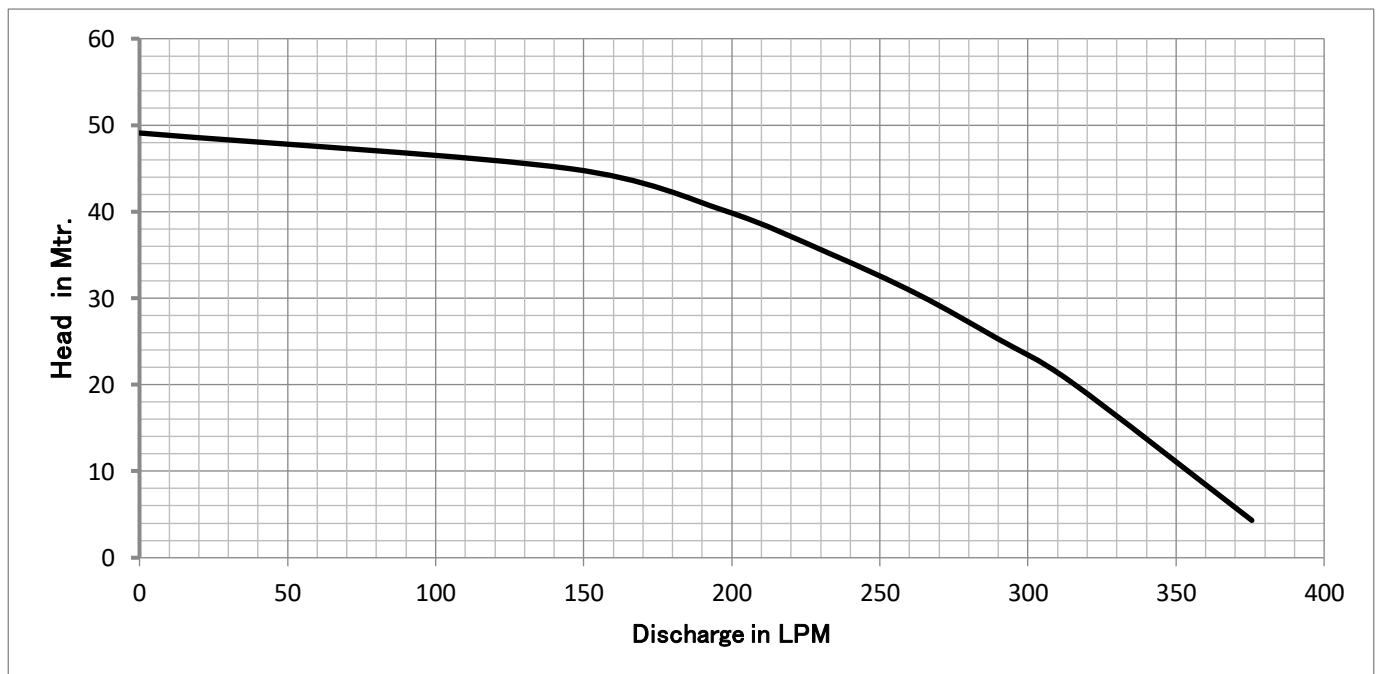
Pump OD – 98 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

3.0 H.P – 50 MTR

Performance Data;

Head –50 Meter

Discharge – 57000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 2.2kw/3.0hp

Rated Voltage – 230V

Motor current – 9.5Amps

Solar Power Require – 3000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 98 mm

Technical data of pump

4" Centrifugal Pump for longer life

Pump outlet 50 mm

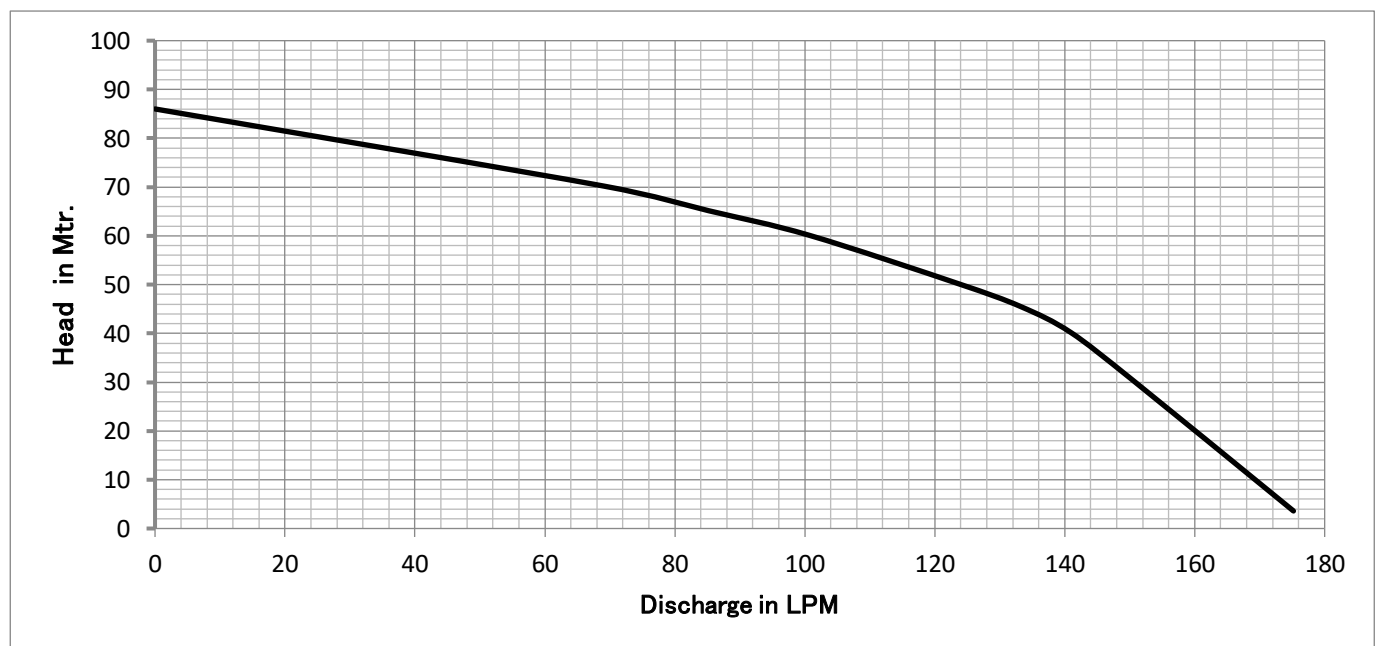
Pump OD – 98 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

3.0 H.P – 70 MTR

Performance Data;

Head –70 Meter

Discharge – 35000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 2.2kw/3.0hp

Rated Voltage – 230V

Motor current – 9.5Amps

Solar Power Require – 3000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 98 mm

Technical data of pump

4" Centrifugal Pump for longer life

Pump outlet 40 mm

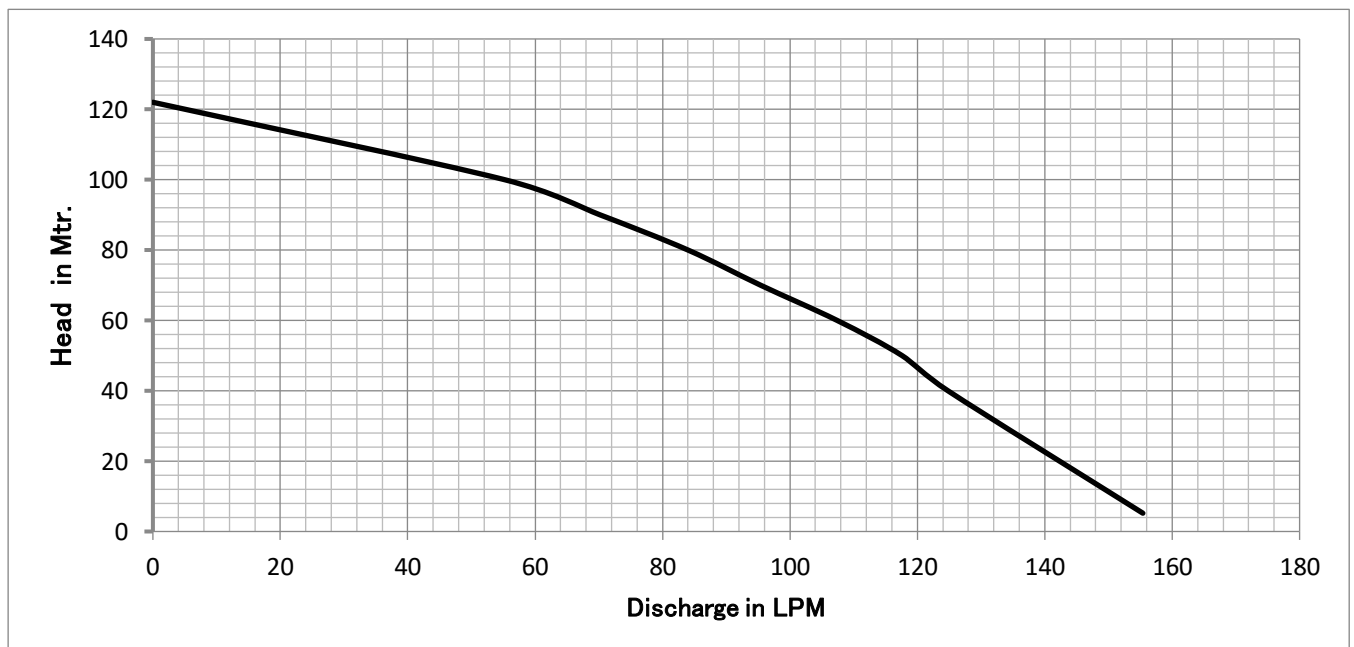
Pump OD – 98 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4" Borewell

3.0 H.P – 100 MTR

Performance Data;

Head –70 Meter

Discharge – 21000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 2.2kw/3.0hp

Rated Voltage – 230V

Motor current – 9.5Amps

Solar Power Require – 3000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 98 mm

Technical data of pump

4" Centrifugal Pump for longer life

Pump outlet 32 mm

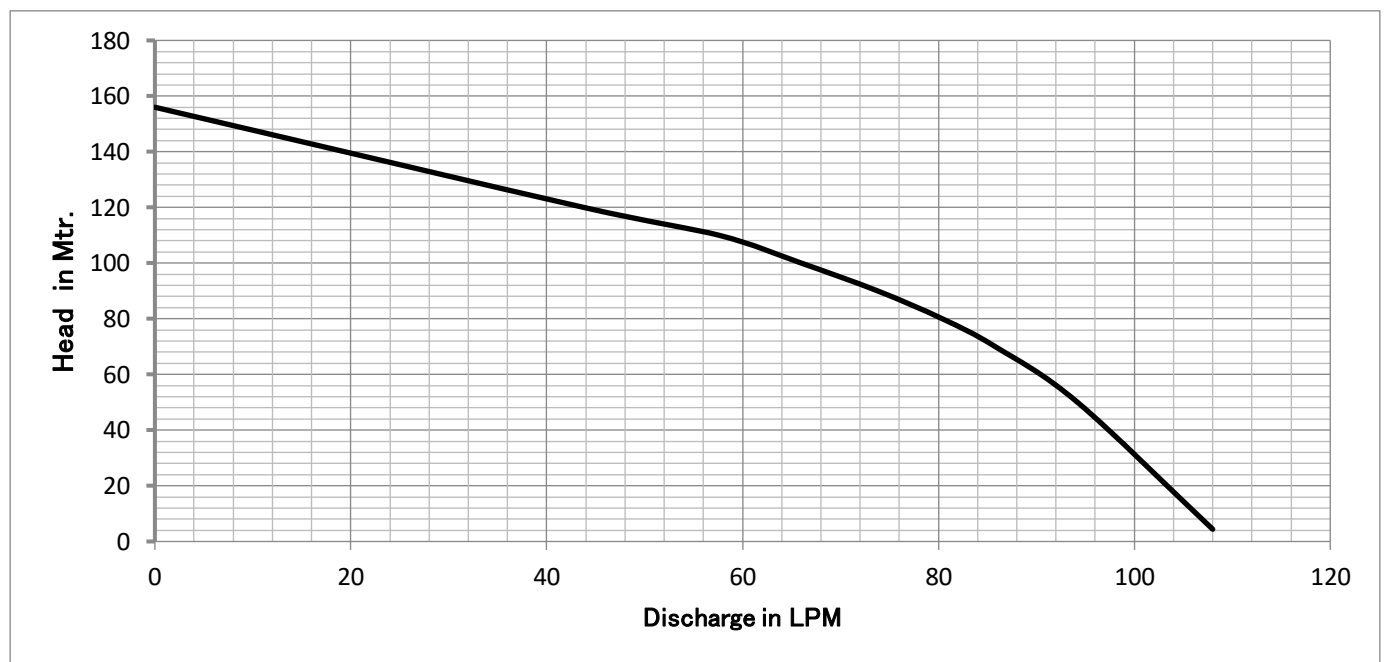
Pump OD – 98 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

5.0 H.P – 30 MTR

Performance Data;

Head –30 Meter

Discharge – 153000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 3.7kw/5.0hp

Rated Voltage – 380V

Motor current – 9.5Amps

Solar Power Require – 5000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

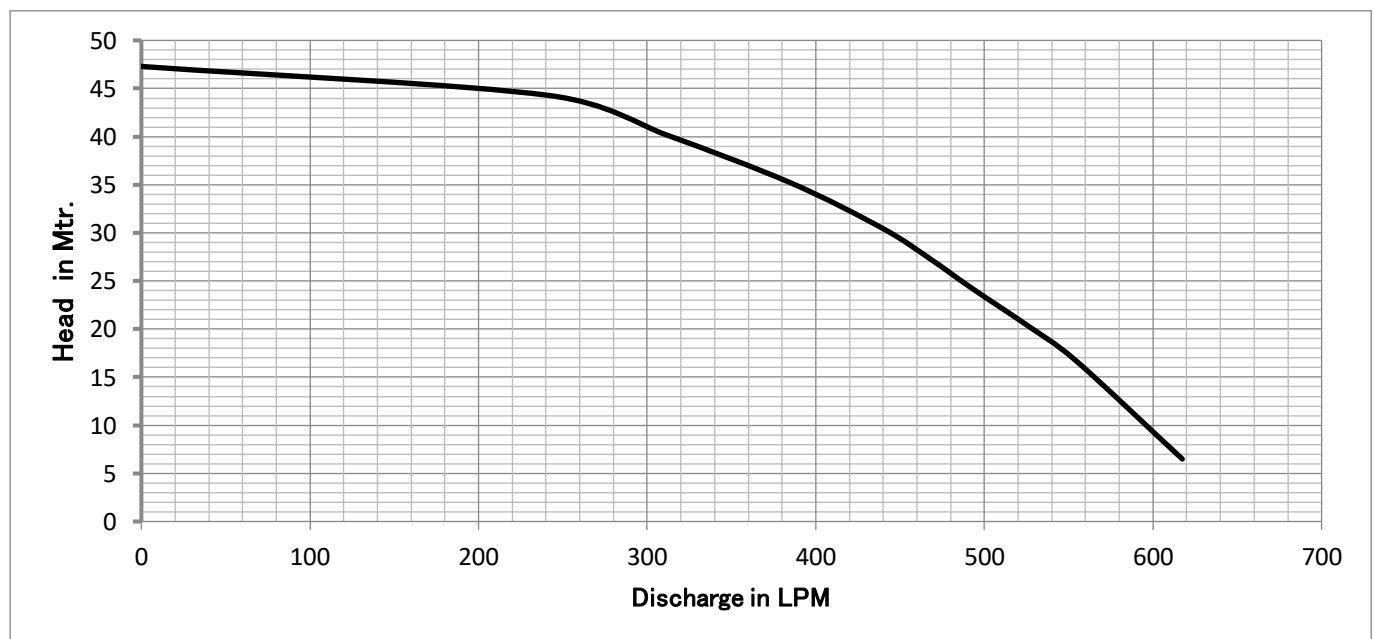
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

5.0 H.P – 50 MTR

Performance Data;

Head –50 Meter

Discharge – 104000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 3.7kw/5.0hp

Rated Voltage – 380V

Motor current – 9.5Amps

Solar Power Require – 5000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

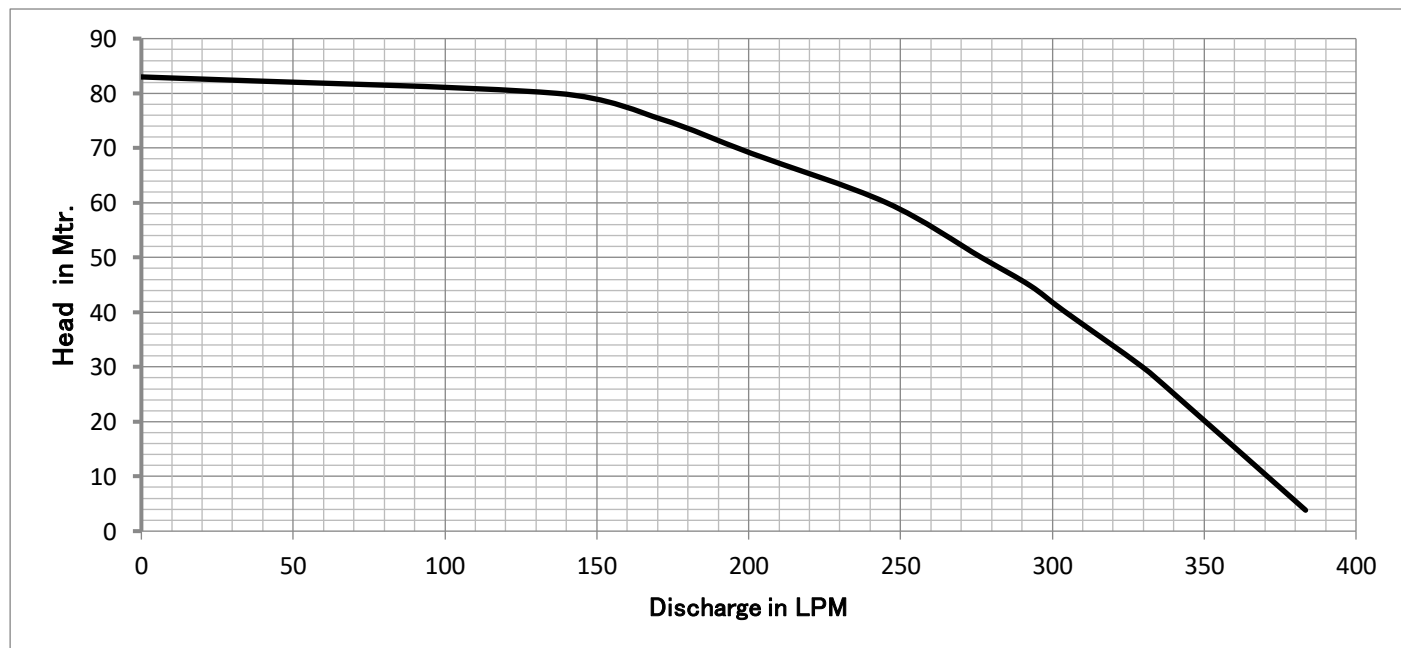
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

5.0 H.P – 70 MTR

Performance Data;

Head –70 Meter

Discharge – 65000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 3.7kw/5.0hp

Rated Voltage – 380V

Motor current – 9.5Amps

Solar Power Require – 5000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 50 mm

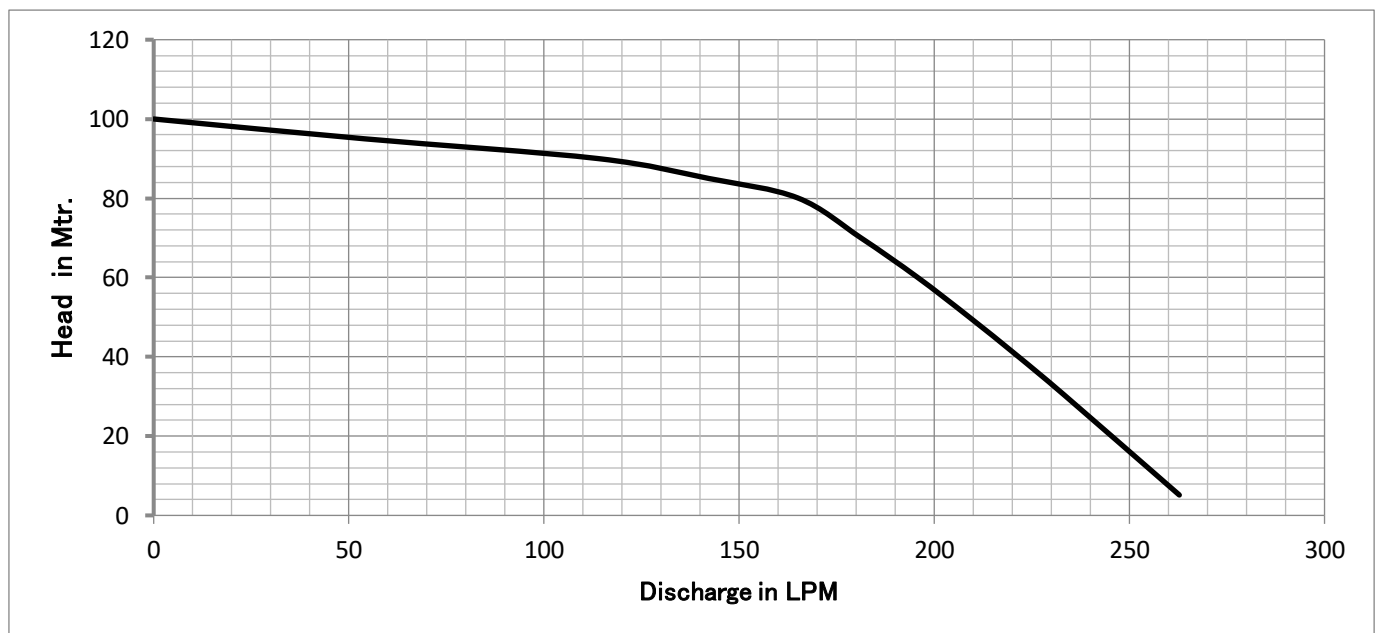
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

4" Solar Submersible Pumps For 4.5" Borewell

5.0 H.P – 100 MTR

Performance Data;

Head –70 Meter

Discharge – 40500 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 3.7kw/5.0hp

Rated Voltage – 380V

Motor current – 9.5Amps

Solar Power Require – 5000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 98 mm

Technical data of pump

4" Centrifugal Pump for longer life

Pump outlet 50 mm

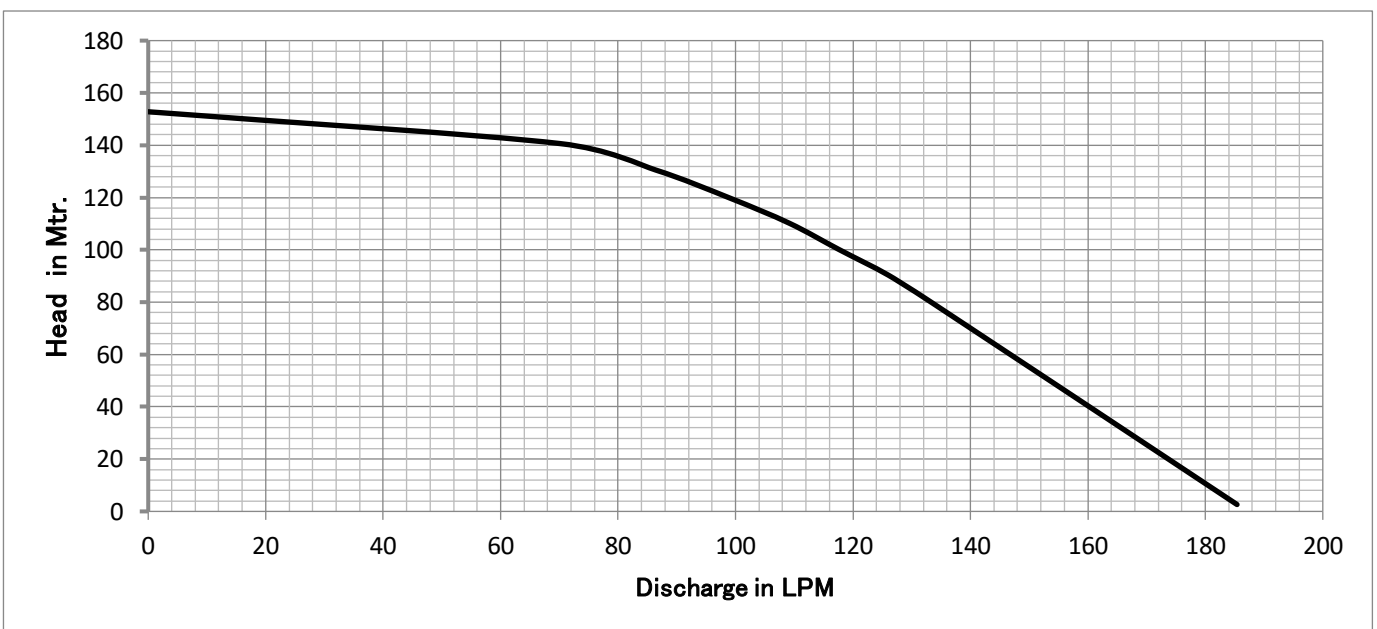
Pump OD –98 mm

Note

Borehole Dia. Min. 4.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

7.5 H.P – 30 MTR

Performance Data;

Head –30 Meter

Discharge – 240000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 5.5kw/7.50hp

Rated Voltage – 300V

Motor current – 17.5Amps

Solar Power Require – 7500 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

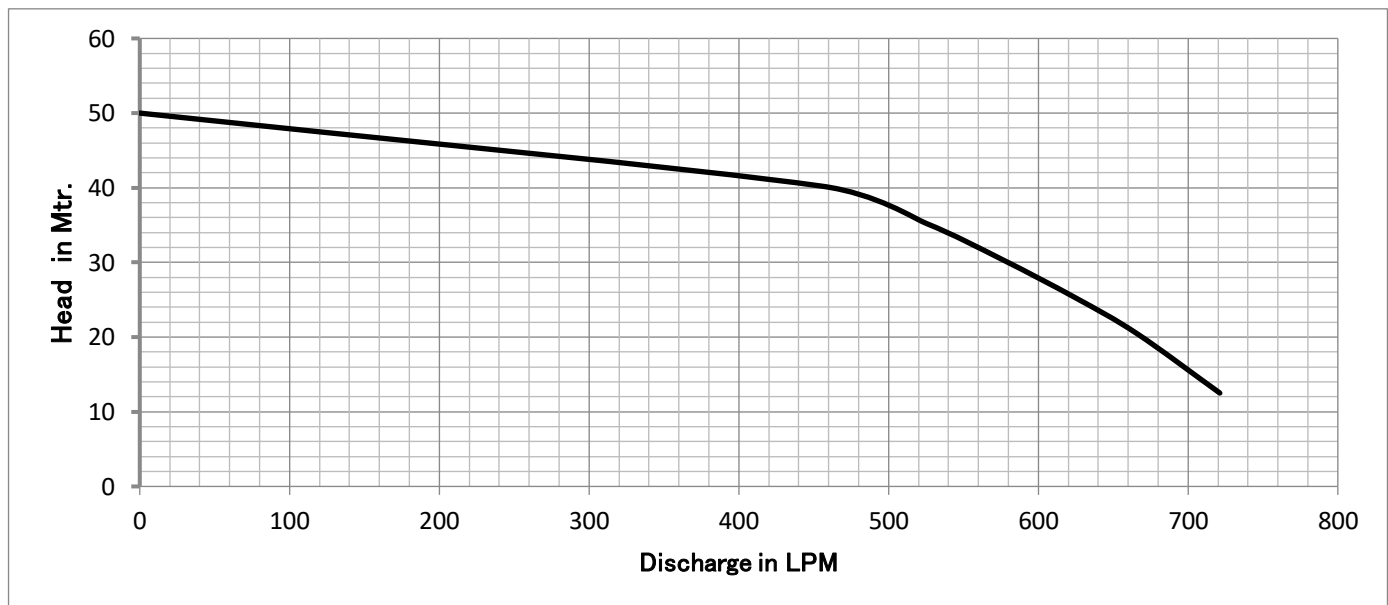
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

7.5 H.P – 50 MTR

Performance Data;

Head –50 Meter

Discharge – 240000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 5.5kw/7.5.0hp

Rated Voltage – 300V

Motor current – 17.5Amps

Solar Power Require – 7500 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

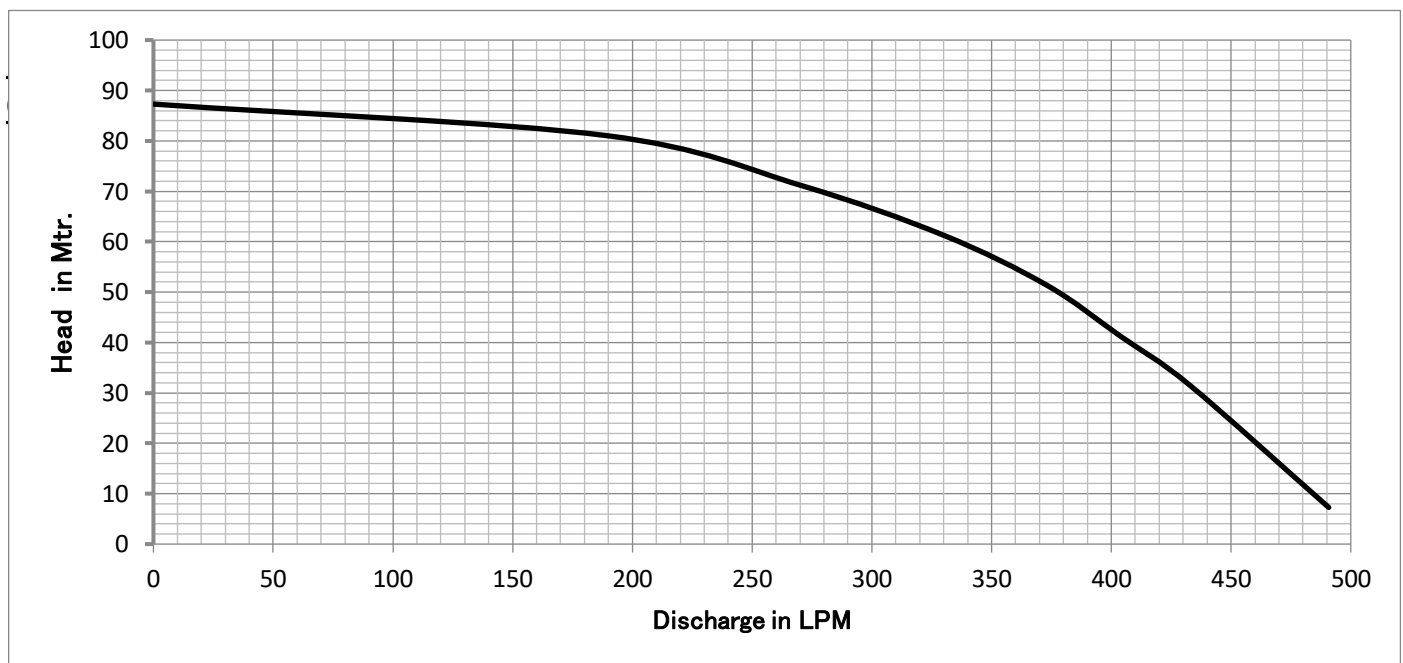
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

7.5 H.P – 70 MTR

Performance Data;

Head –70 Meter

Discharge – 95000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 5.5kw/7.5.0hp

Rated Voltage – 300V

Motor current – 17.5Amps

Solar Power Require – 7500 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

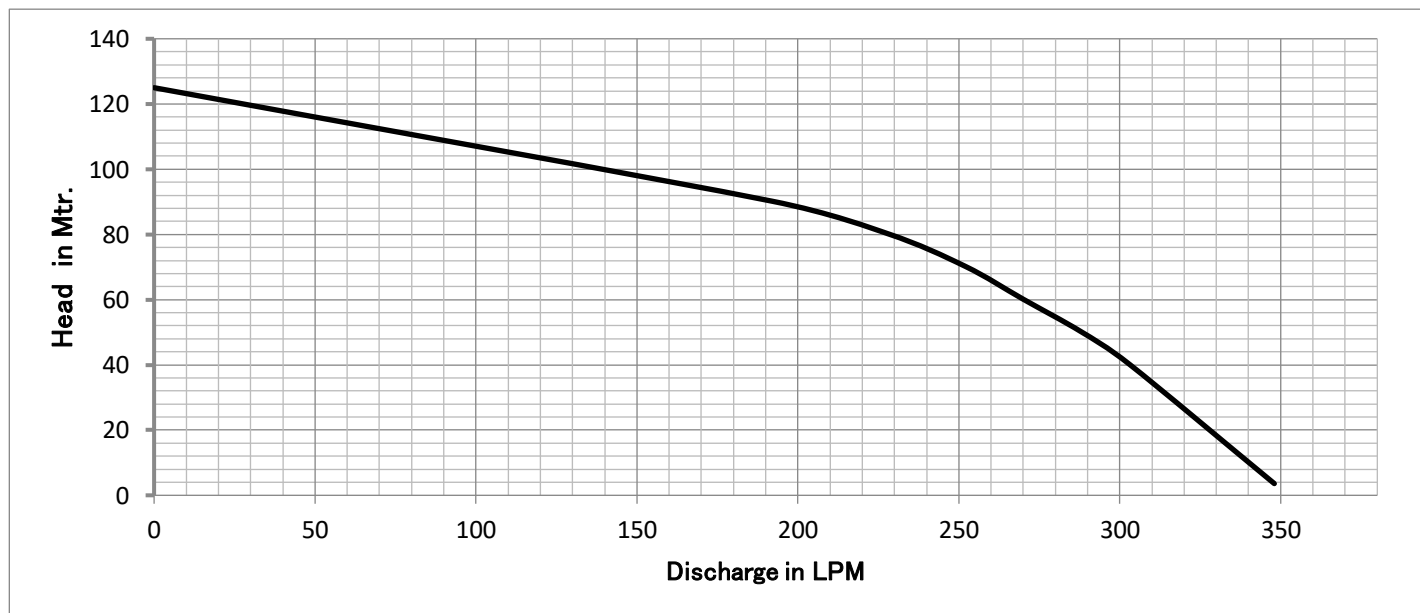
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

7.5 H.P – 100 MTR

Performance Data;

Head –100 Meter

Discharge – 65000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 5.5kw/7.5.0hp

Rated Voltage – 300V

Motor current – 17.5Amps

Solar Power Require – 7500 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

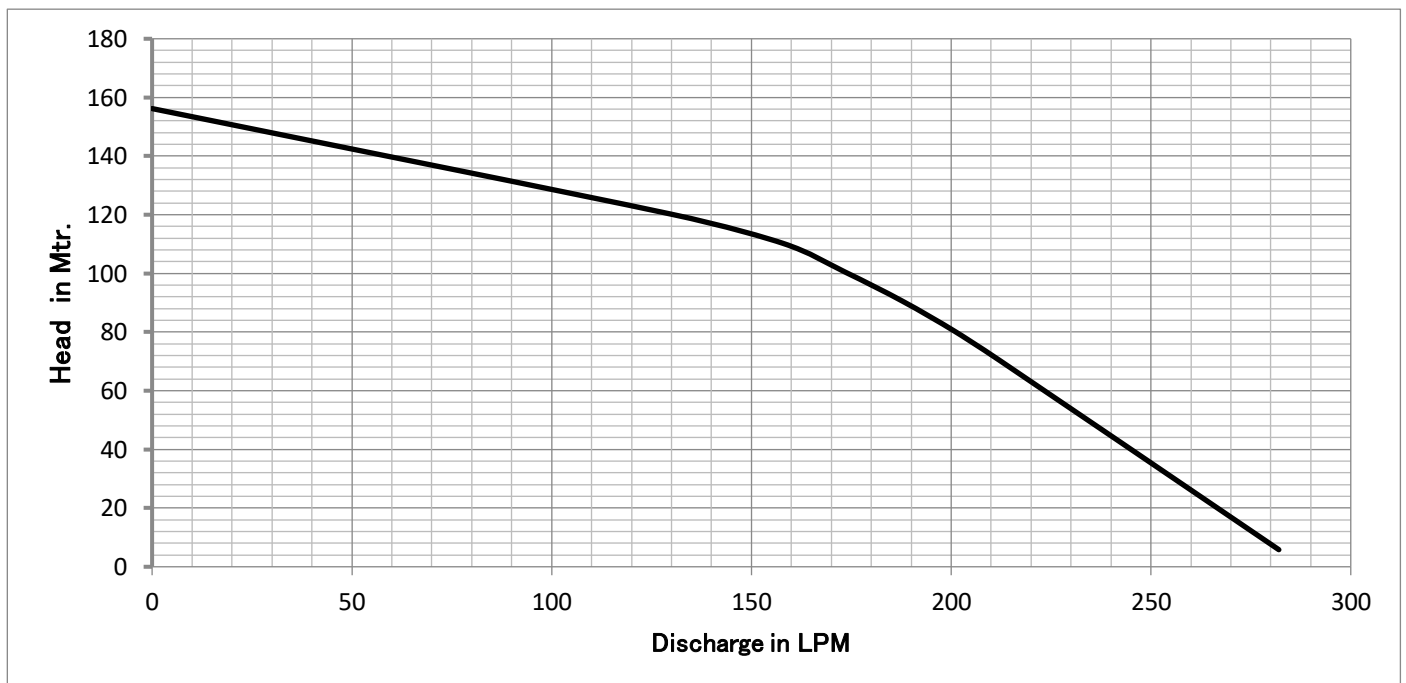
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



6" Solar Submersible Pumps For 6.5" Borewell

10.0 H.P – 50 MTR

Performance Data;

Head –50 Meter

Discharge –185000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 7.5kw/10.0hp

Rated Voltage – 380V

Motor current – 17.5Amps

Solar Power Require – 10000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

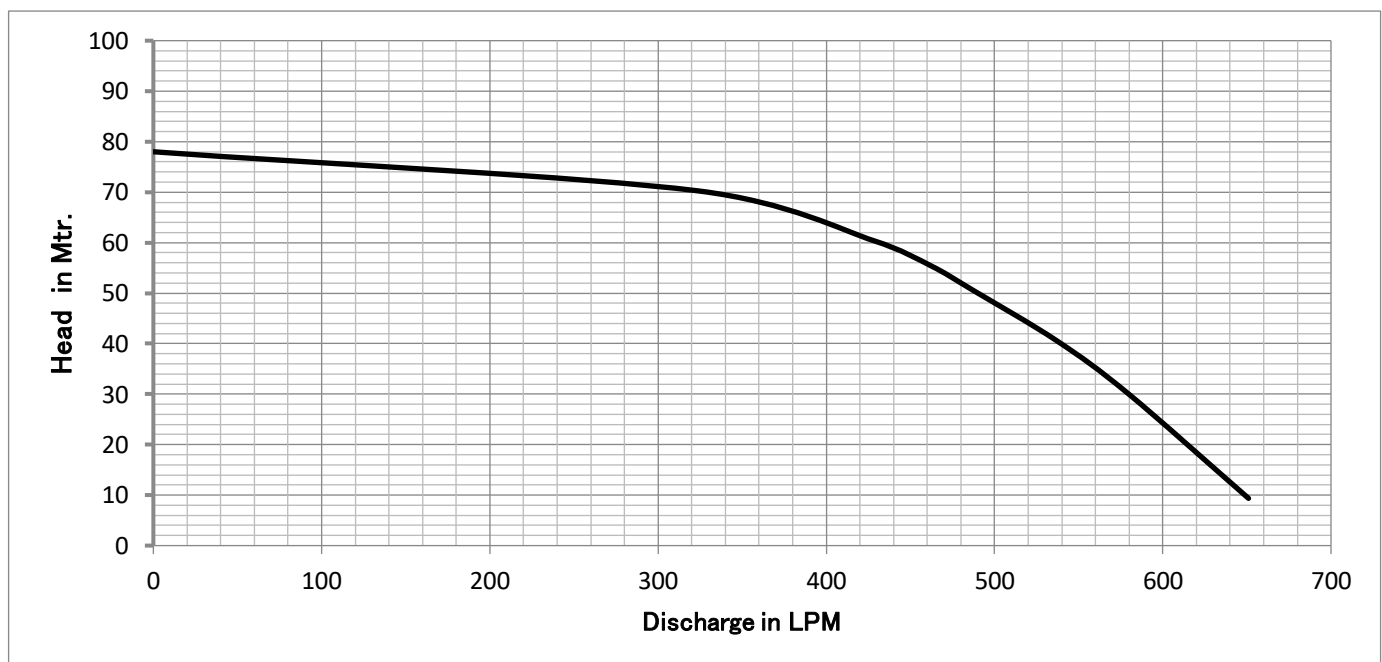
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

6" Solar Submersible Pumps For 6.5" Borewell

10.0 H.P – 70 MTR

Performance Data;

Head –70 Meter

Discharge –135000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 7.5kw/10.0hp

Rated Voltage – 380V

Motor current – 17.5Amps

Solar Power Require – 10000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

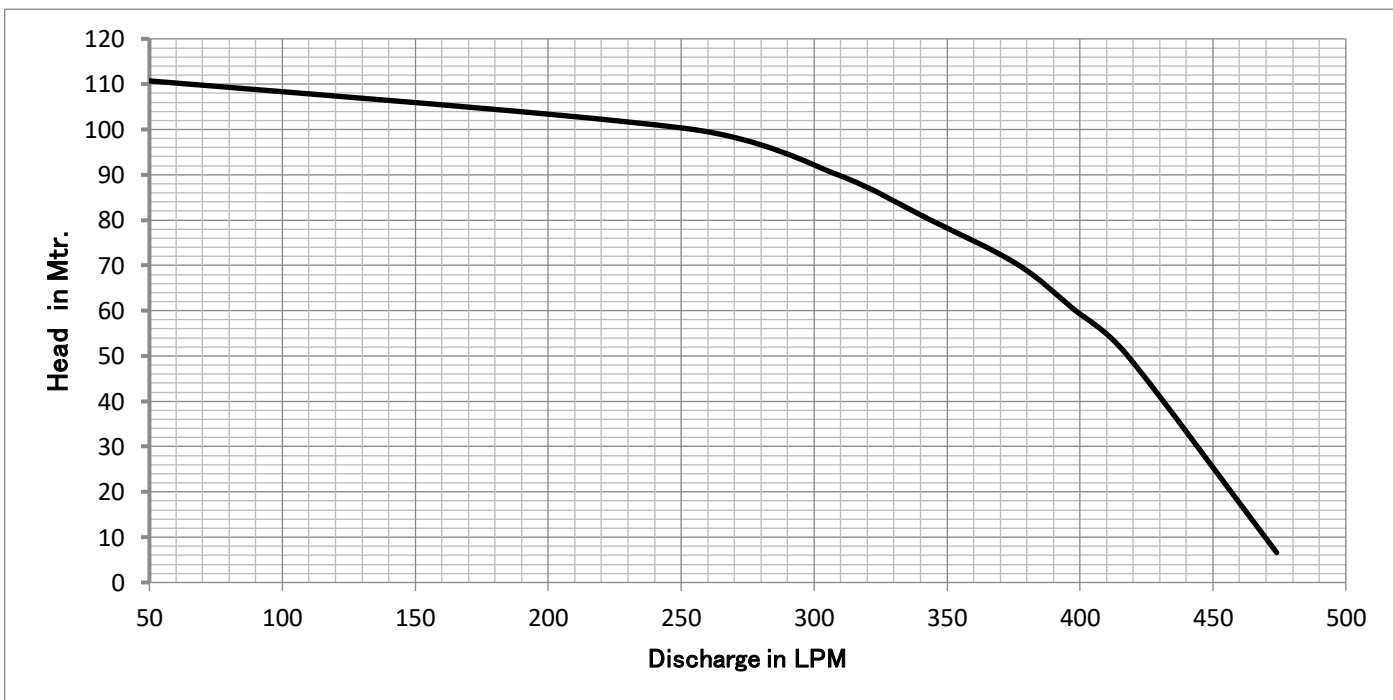
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source



6" Solar Submersible Pumps For 6.5" Borewell 10.0 H.P – 100 MTR

Performance Data;

Head –100 Meter

Discharge –95000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 7.5kw/10.0hp

Rated Voltage – 380V

Motor current – 17.5Amps

Solar Power Require – 10000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Motor OD – 142 mm

Technical data of pump

6" Centrifugal Pump for longer life

Pump outlet 65 mm

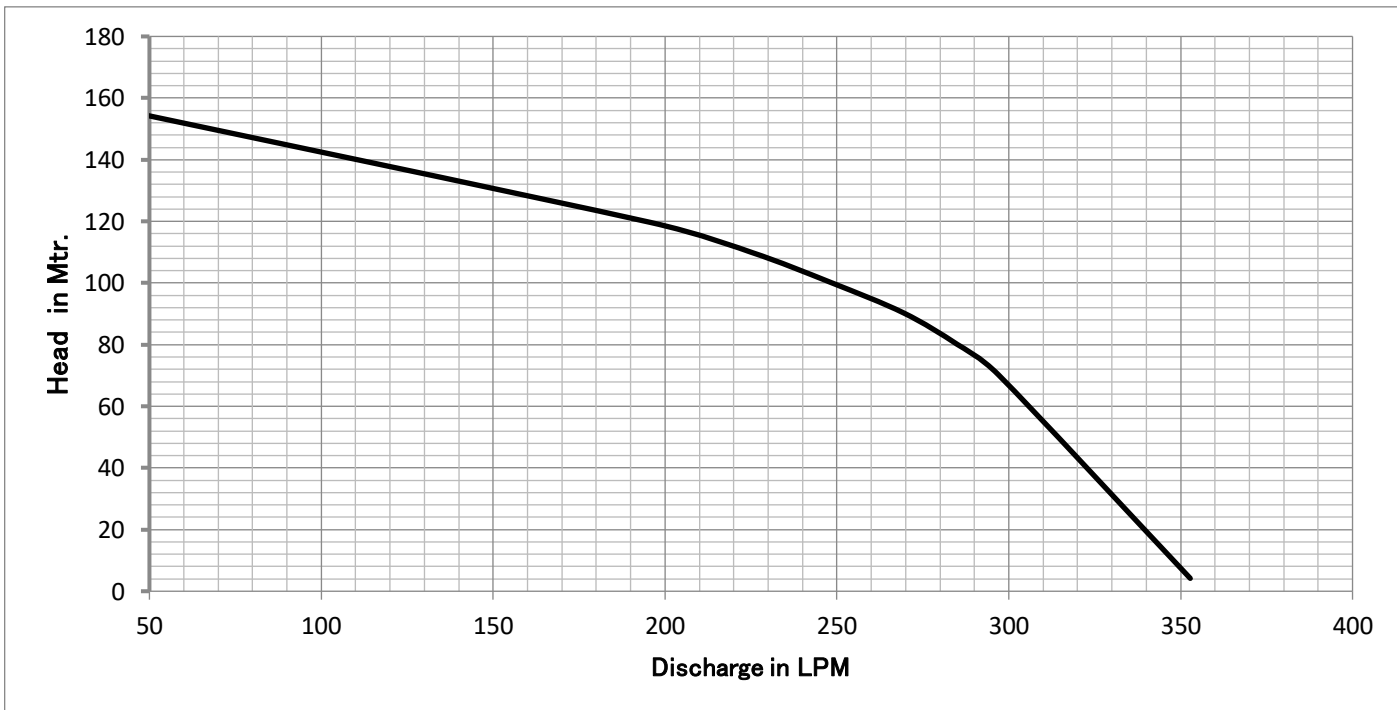
Pump OD –142 mm

Note

Borehole Dia. Min. 6.5"

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

Solar Horizontal Openwell Pumps

3.0 H.P – 20 MTR

Performance Data;

Head – 20 Meter

Discharge – 96000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 2.2kw/3.0hp

Rated Voltage – 230V

Motor current – 9.5Amps

Solar Power Require – 3000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

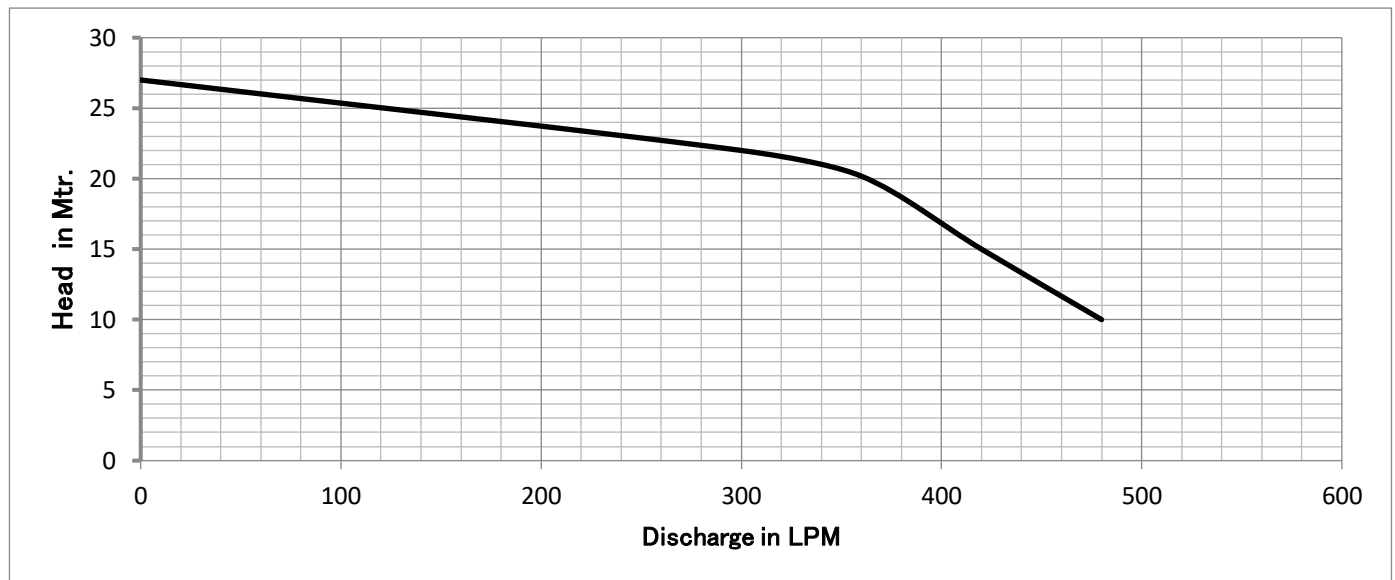
Centrifugal Pump for longer life

Pump outlet 65 mm

Note

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

Solar Horizontal Openwell Pumps

5.0 H.P – 20 MTR

Performance Data;

Head – 20 Meter

Discharge – 225000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 3.7kw/5.0hp

Rated Voltage – 380V

Motor current – 9.5Amps

Solar Power Require – 5000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

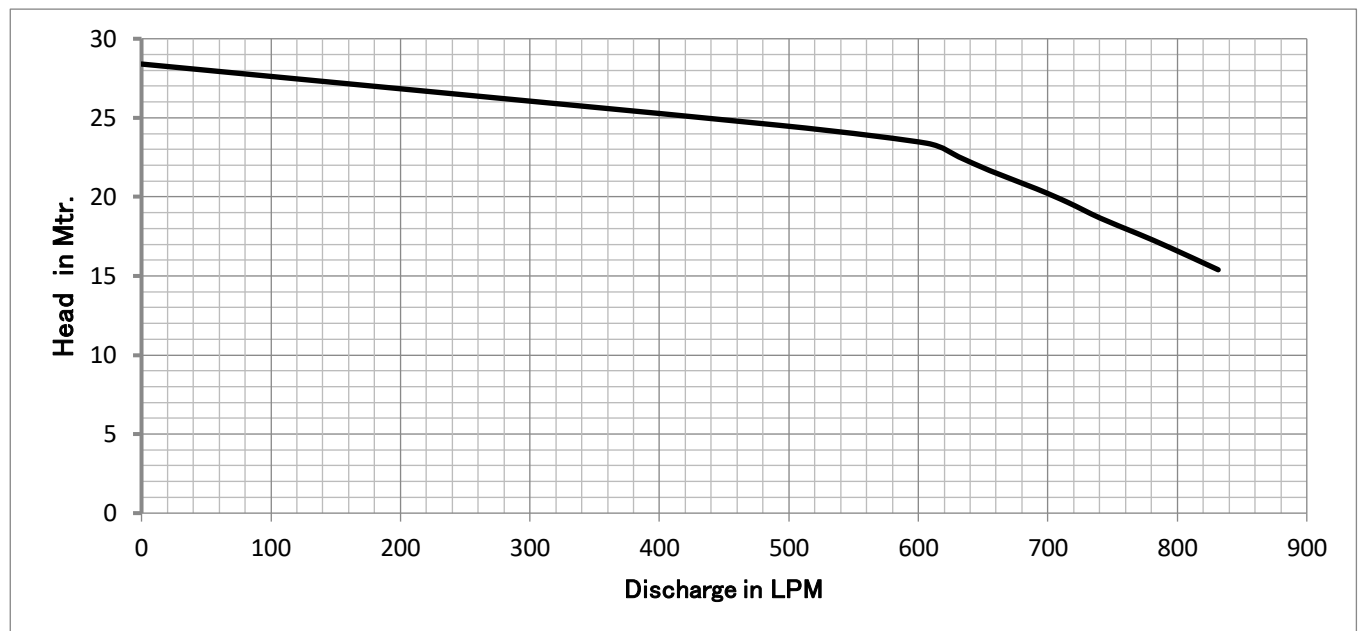
Centrifugal Pump for longer life

Pump outlet 75 mm

Note

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

Solar Horizontal Openwell Pumps

5.0 H.P – 30 MTR

Performance Data;

Head – 30 Meter

Discharge – 150000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 3.7kw/5.0hp

Rated Voltage – 380V

Motor current – 9.5Amps

Solar Power Require – 5000 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

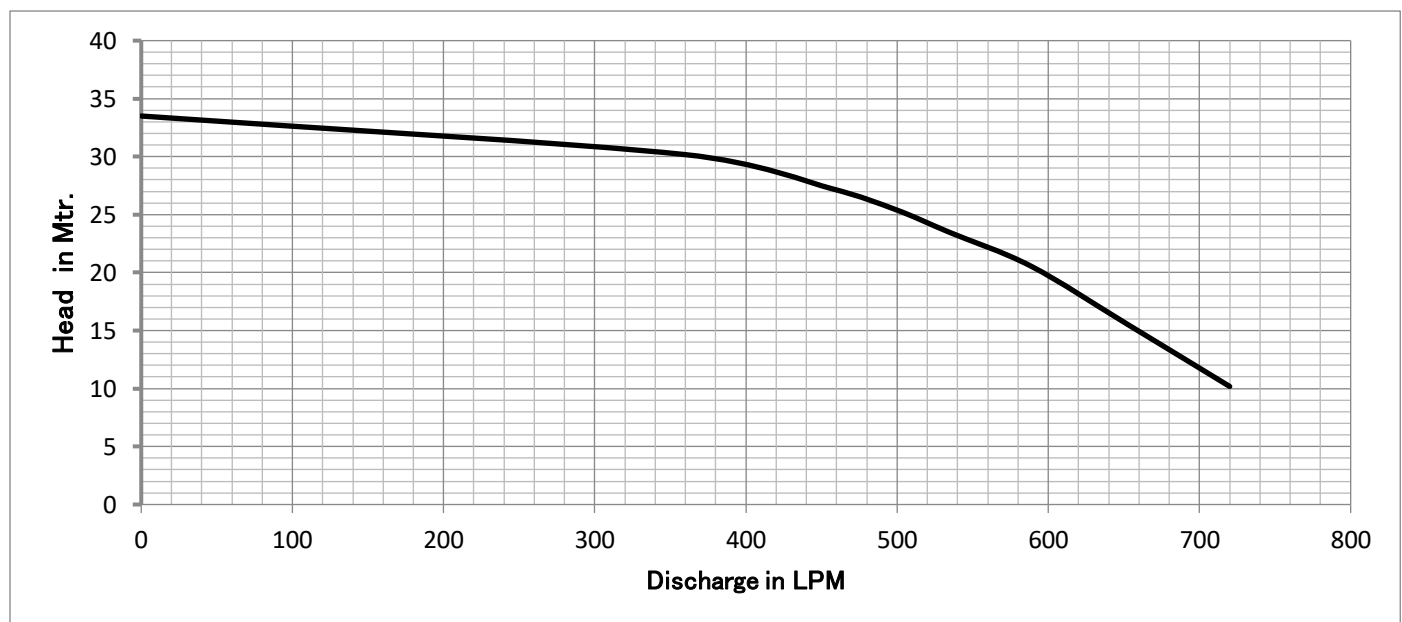
Centrifugal Pump for longer life

Pump outlet 65 mm

Note

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

Solar Horizontal Openwell Pumps

7.5 H.P – 40 MTR

Performance Data;

Head –40 Meter

Discharge – 162000 [LPD@7.15Kwh/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 5.5kw/7.5.0hp

Rated Voltage – 300V

Motor current – 17.5Amps

Solar Power Require – 7500 Wp min.

Motor Speed – 900 to 2800 rpm

Min.Submergence – max. 1 m

Water filled

Technical data of pump

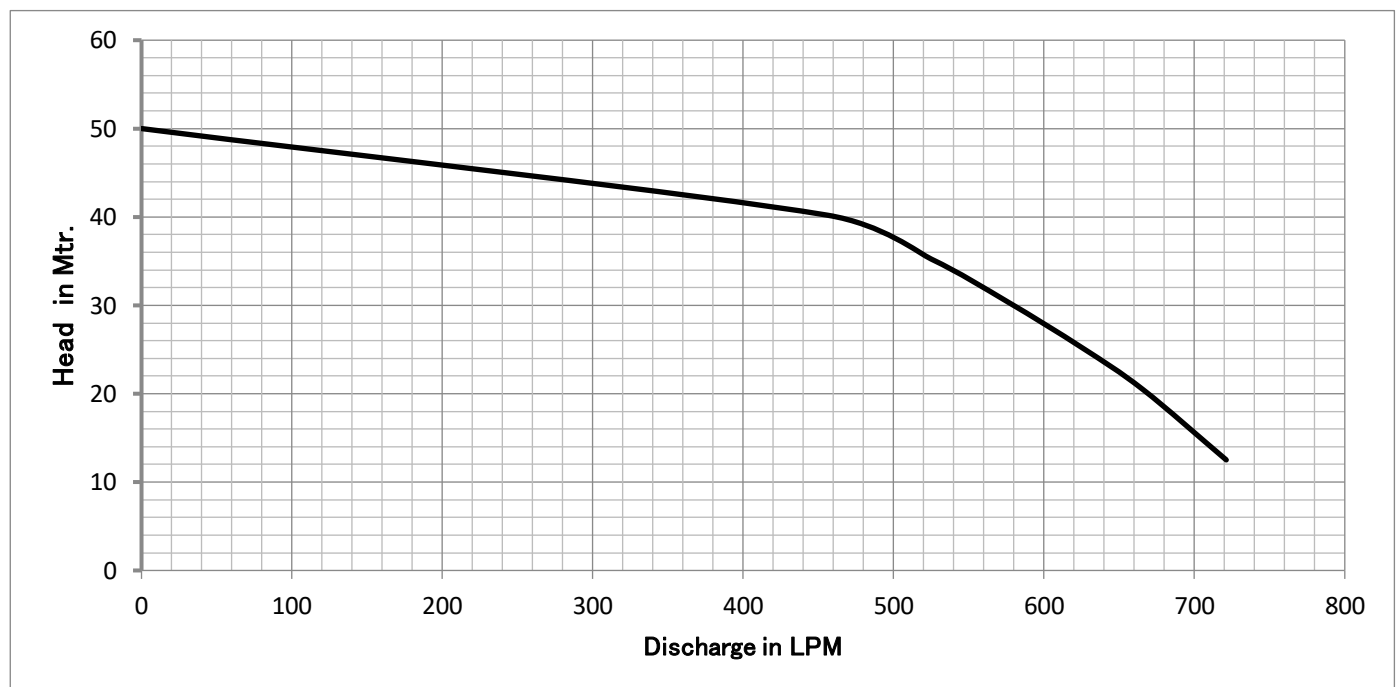
Centrifugal Pump for longer life

Pump outlet 65 mm

Note

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

DC Solar Borewell Submersible Pumps.

1.0H.P – 30 MTR

Performance Data;

Head – 30 Meter

Discharge – 30000 [LPD@7.15Ksw/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 0.75kw/1.0hp

Rated Voltage – 72 EC V

Motor current – 9.5Amps

Premium Materials

No electronics in the motor

Motor Speed – 900 to 3300 rpm

Enclosure class – IP68

Submergence – max. 50 m

Water filled

Technical data of pump

Non return valve

Premium Material

Centrifugal Pump for longer life

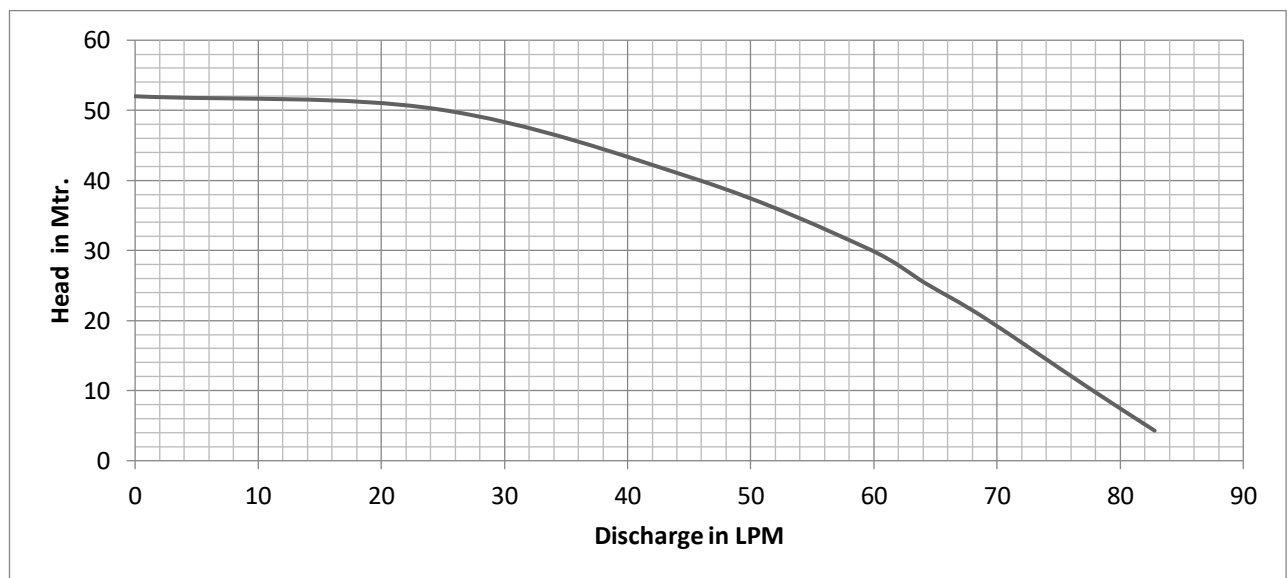
Pump outlet – 40 mm

Note

Borehole Dia. Min. 4.5”

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

DC Solar Borewell Submersible Pumps.

1.0H.P –60 MTR

Performance Data;

Head – 60 Meter

Discharge – 15000 [LPD@7.15Ksw/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 0.75kw/1.0hp

Rated Voltage – 72 EC V

Motor current – 9.5Amps

Premium Materials

No electronics in the motor

Motor Speed – 900 to 3300 rpm

Enclosure class – IP68

Submergence – max. 50 m

Water filled

Technical data of pump

Non return valve

Premium Material

Centrifugal Pump for longer life

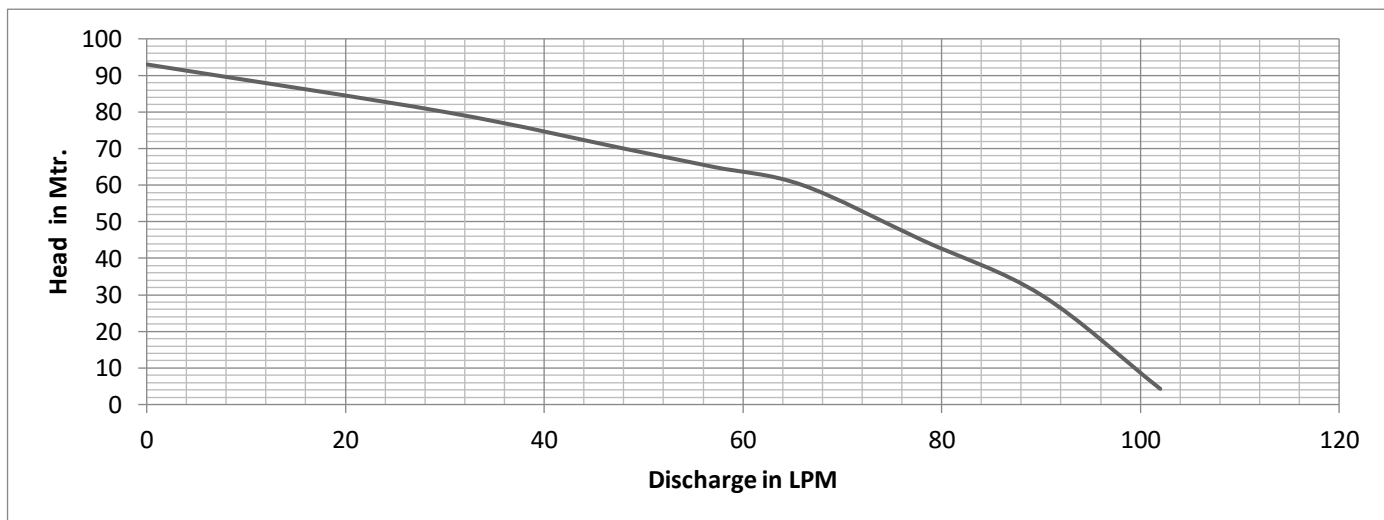
Pump outlet – 32 mm

Note

Borehole Dia. Min. 4.5”

Water temperature max. 50C

Performance Characteristic



Matching the Pump to your water source

DC Solar Borewell Submersible Pumps.

1.0H.P –90 MTR

Performance Data;

Head – 60 Meter

Discharge – 7500 [LPD@7.15Ksw/sq.m](#) Irradiance with coplanar PV Panels

Technical data of motor;

Motor power – 0.75kw/1.0hp

Rated Voltage – 72 EC V

Motor current – 9.5Amps

Premium Materials

No electronics in the motor

Motor Speed – 900 to 3300 rpm

Enclosure class – IP68

Submergence – max. 50 m

Water filled

Technical data of pump

Non return valve

Premium Material

Centrifugal Pump for longer life

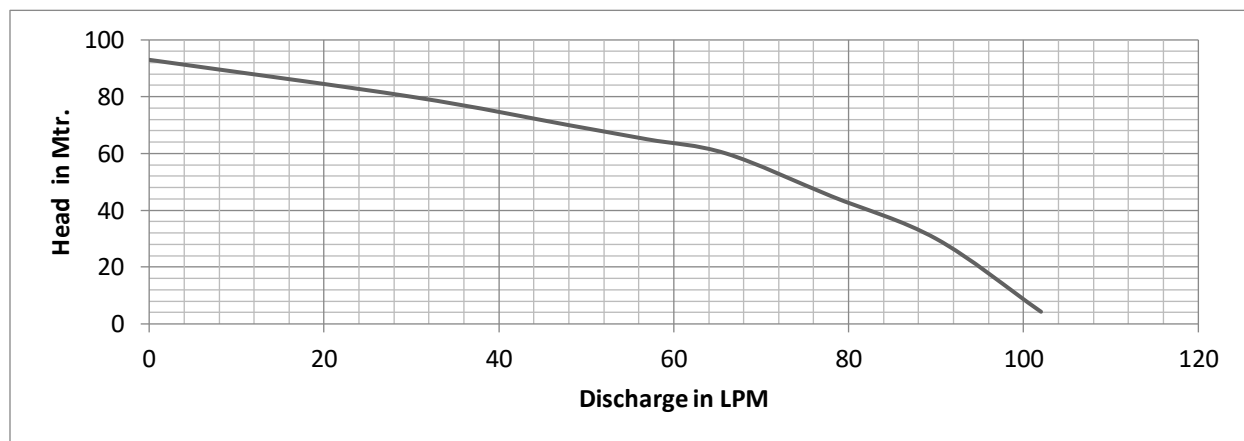
Pump outlet – 32 mm

Note

Borehole Dia. Min. 4.5”

Water temperature max. 50C

Performance Characteristic



1hp Solar Surface Monoblock Pump- SSP110

Performance Data:

Head – 10 Meter

Discharge – 86000 Liter Per day@ 10Meter Rated Head

Suction X Outlet – 50 mm X 50 mm

Technical Data of Motor

Power – 0.75Kw/1.0H.p

Voltage - 72 V VEC

Current – 8.5 Amps

RPM – 900 to 3300

Insulation Class - Class F

Type of motor – Air cooled DC Induction Surface Motor

Technical Data of Pump

Hydraulic eff. of pump - 64%

Type of pump – Centrifugal pump

Suction capacity – 6 mtr Max.

Head range - 7 to 12 mtr

Shut off head – 17 mtr.

Material Of construction

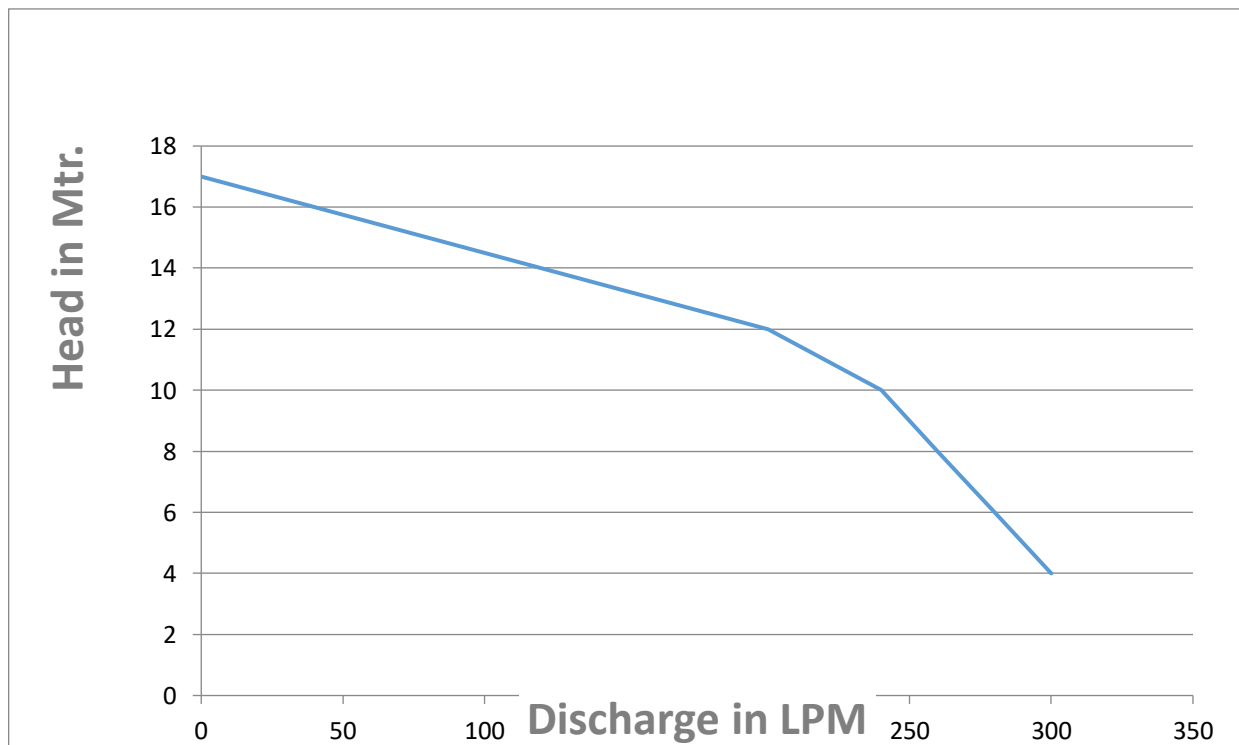
Casing of pump – Cast iron FG-260 Grade

Impeller – Stainless Steel 410 Grade

Motor body - Cast iron FG-260 Grade

Magnet – Rare earth magnet

Performance curve:



Matching the Pump to your water source

2hp Solar Surface Monoblock Pump- SSP210

Performance Data:

Head – 10 Meter

Discharge – 162000 Liter Per day@ 10Meter Rated Head

Suction X Outlet – 65 mm X 65 mm

Technical Data of Motor

Power – 1.5Kw/2.0H.p

Voltage - 120 V VEC

Current – 9.5 Amps

RPM – 900 to 3300

Insulation Class - Class F

Type of motor – Air cooled DC Induction Surface Motor

Technical Data of Pump

Hydraulic eff. of pump - 64%

Type of pump – Centrifugal pump

Suction capacity – 6 mtr Max.

Head range - 7 to 12 mtr

Shut off head – 19 mtr.

Material Of construction

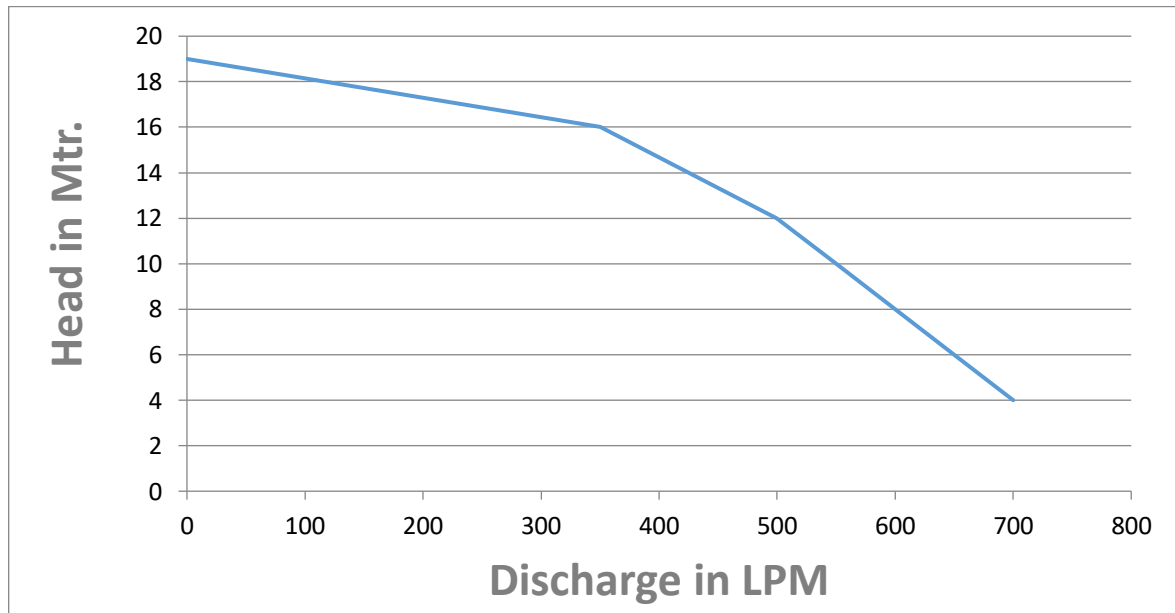
Casing of pump – Cast iron FG-260 Grade

Impeller – Stainless Steel 410 Grade

Motor body - Cast iron FG-260 Grade

Magnet – Rare earth magnet

Performance curve:



Matching the Pump to your water source

3hp Solar Surface Monoblock Pump- SSP310

Performance Data:

Head – 10 Meter
 Discharge – 270000 Liter Per day@ 10Meter Rated Head
 Suction X Outlet – 65 mm X 65 mm

Technical Data of Motor

Power – 2.2Kw/3.0H.p
 Voltage - 180 V VEC
 Current – 10.5 Amps
 RPM – 900 to 3300
 Insulation Class - Class F
 Type of motor – Air cooled DC Induction Surface Motor

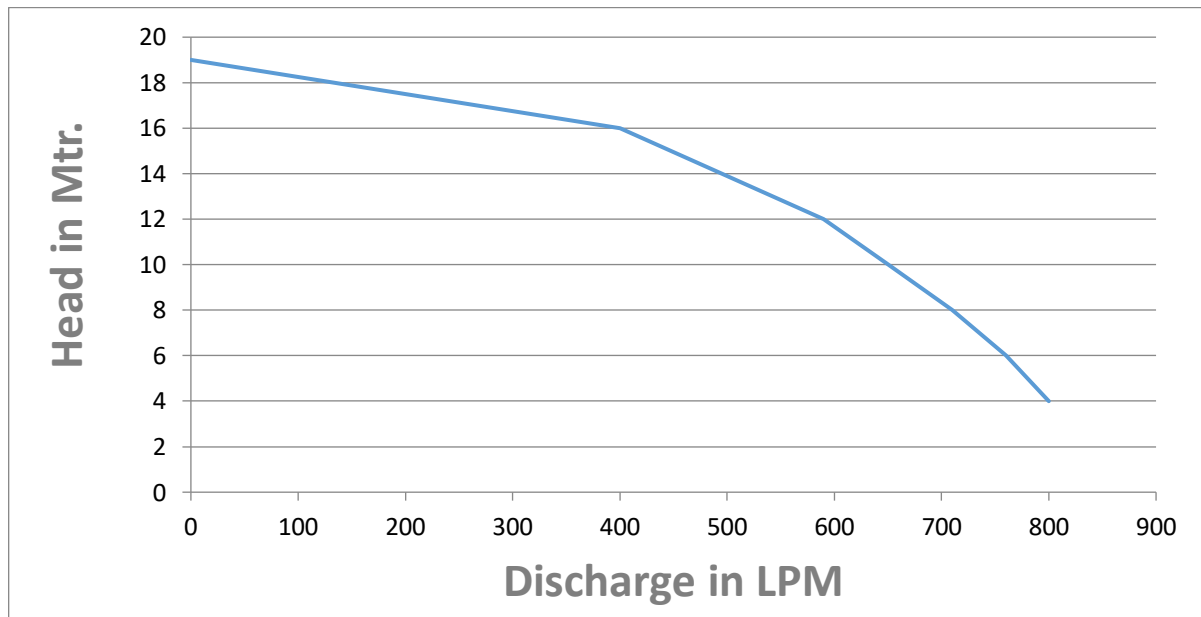
Technical Data of Pump

Hydraulic eff. of pump - 64%
 Type of pump – Centrifugal pump
 Suction capacity – 6 mtr Max.
 Head range - 7 to 12 mtr
 Shut off head – 19 mtr.

Material Of construction

Casing of pump – Cast iron FG-260 Grade
 Impeller – Stainless Steel 410 Grade
 Motor body - Cast iron FG-260 Grade
 Magnet – Rare earth magnet

Performance curve:



Contact Us

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Matching the Pump to your water source