



## Three-phase Submersible Pumps

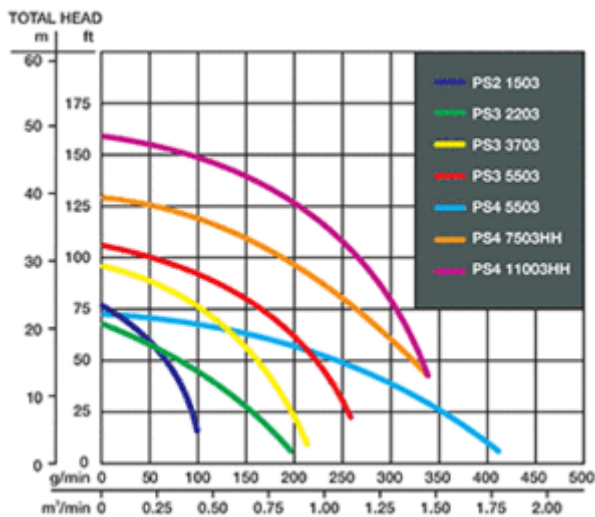
Electric Submersible Pumps



### Heavy duty submersible pumps for all size jobs

No matter how large or small the job, Wacker Neuson's three-phase submersible pumps offer the versatility and durability contractors need for dewatering on the job sites. This comprehensive family of pumps offers big pump features for a small pump investment. The heavy-duty line is capable of handling solids up to .08 inch (20 mm) and are ideal for job sites needing fast and dependable dewatering.

- Slim line design with top discharge enables operation at low water levels for extended periods.
- Built-in thermal protection prevents damage to motor windings in the event of dry run situations.
- Durable high chrome impeller with ductile iron wear plate and extra lip seals reduces wear when pumping abrasive materials.
- Silicon carbide double mechanical seals run in an isolated oil-filled cavity, allowing for seal lubrication, cooling and overall motor protection.
- Heavy-duty power cord with stain relief and special water block insulation system increases durability and motor life.





## Technical specifications

|                           | <b>PS2 1503</b>     | <b>PS3 2203</b>     | <b>PS3 3703</b>      | <b>PS3 5503</b>       | <b>PS4 5503</b>       |
|---------------------------|---------------------|---------------------|----------------------|-----------------------|-----------------------|
| <b>Dimensions</b>         |                     |                     |                      |                       |                       |
| L x W x H in              | 9.25 x 8.50 x 18.82 | 9.25 x 8.50 x 19.61 | 11.14 x 9.92 x 24.61 | 12.05 x 10.20 x 25.71 | 12.05 x 10.20 x 25.71 |
| L x W x H Shipping in     | 11 x 10.5 x 23      | 11 x 10.5 x 23      | 13 x 13 x 27.75      | 14 x 13.75 x 28       | 14 x 13.75 x 28       |
| Diameter Discharge in     | 2                   | 3                   | 3                    | 3                     | 4                     |
| Operating weight lb       | 64                  | 71                  | 121                  | 146                   | 146                   |
| Shipping weight lb        | 75                  | 84                  | 136                  | 168                   | 168                   |
| Cable length ft           | 50                  | 50                  | 50                   | 50                    | 50                    |
| Cable Size AWG            | 16                  | 16                  | 14                   | 12                    | 12                    |
| <b>Operating data</b>     |                     |                     |                      |                       |                       |
| Total head ft             | 75.46               | 66.93               | 101.7                | 124.7                 | 78.74                 |
| Discharge capacity US gpm | 105.7               | 203.4               | 219.3                | 260.2                 | 428                   |
| Solids diameter in        | 0.334               | 0.334               | 0.334                | 0.334                 | 0.334                 |
| Engine / Motor type       | 60 Hz 3~            | 60 Hz 3~            | 60 Hz 3~             | 60 Hz 3~              | 60 Hz 3~              |
| Operating voltage V       | 220 / 440           | 220 / 440           | 220 / 440            | 220 / 440             | 220 / 440             |
| Current Full Load A       | 6.1 / 3.1           | 9.3 / 4.7           | 13.4 / 6.8           | 19.5 / 9.8            | 19.5 / 9.8            |
| Current Start A           | 42 / 21             | 73 / 36             | 112 / 56             | 162 / 81              | 162 / 81              |
| at rpm rpm                | 3,400               | 3,435               | 3,410                | 3,430                 | 3,430                 |

|                           | <b>PS4 7503HH</b>     | <b>PS4 11003HH</b>    |
|---------------------------|-----------------------|-----------------------|
| <b>Dimensions</b>         |                       |                       |
| L x W x H in              | 12.99 x 12.36 x 27.09 | 14.69 x 13.78 x 31.26 |
| L x W x H Shipping in     | 13 x 12.5 x 31        | 14.75 x 14 x 32.5     |
| Diameter Discharge in     | 4                     | 4                     |
| Operating weight lb       | 205                   | 287                   |
| Shipping weight lb        | 227                   | 293                   |
| Cable length ft           | 50                    | 50                    |
| Cable Size AWG            | 10                    | 8                     |
| <b>Operating data</b>     |                       |                       |
| Total head ft             | 137.1                 | 167.3                 |
| Discharge capacity US gpm | 348.7                 | 377                   |
| Solids diameter in        | 0.334                 | 0.334                 |



|                     | <b>PS4 7503HH</b> | <b>PS4 11003HH</b> |
|---------------------|-------------------|--------------------|
| Engine / Motor type | 60 Hz 3~          | 60 Hz 3~           |
| Operating voltage V | 220 / 440         | 220 / 440          |
| Current Full Load A | 25.5 / 12.8       | 38 / 19            |
| Current Start A     | 226 / 113         | 297 / 149          |
| at rpm rpm          | 3,440             | 3,480              |

**Please note**

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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