
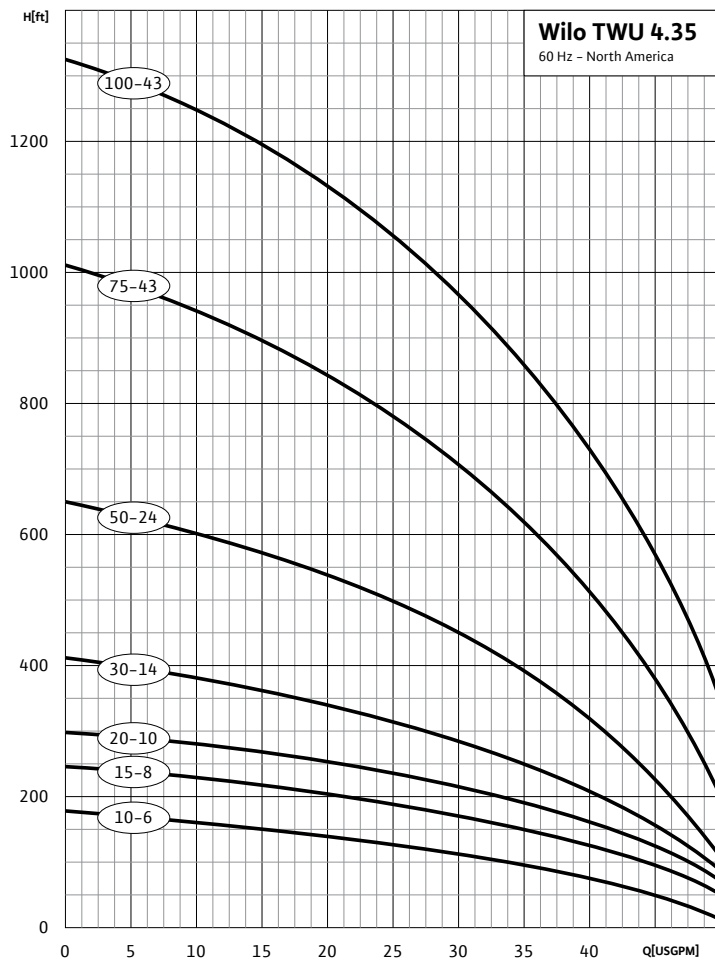


# Submittal Data Sheet

Wilco TWU - 4" 35 GPM Stainless Steel Submersibles with Noryl Impellers



| TWU 4.35  |         |               |      |    |      |       |      |     |
|---|---------|---------------|------|----|------|-------|------|-----|
|  |         | Project:      |      |    |      |       |      |     |
|   |         | Engineer:     |      |    |      |       |      |     |
|   |         | Contractor:   |      |    |      |       |      |     |
|   |         | Submitted By: |      |    |      | Date: |      |     |
|   |         | Approved By:  |      |    |      | Date: |      |     |
| Tag #   | Model # | Flow          | Head | HP | Wire | Phase | Volt | RPM |
|   |         |               |      |    |      |       |      |     |



| Materials of Construction   |                                   |
|-----------------------------|-----------------------------------|
| Discharge Head              | AISI 303 SS                       |
| Check Valve Poppet          | AISI 303 SS                       |
| Check Valve Seal            | BUNA, FDA compliant               |
| Check Valve Seat            | AISI 304 SS                       |
| Check Valve Retaining Ring  | AISI 302 SS                       |
| Bearing Spider - Upper      | Noryl GFN2                        |
| Bearing                     | Proprietary Engineered Polymer    |
| Klipring                    | AISI 301 SS                       |
| Diffuser                    | Lexan                             |
| Impeller                    | Noryl                             |
| Bowl                        | AISI 304 SS                       |
| Intermediate Sleeve         | AISI 304 SS, Powder Metal         |
| Intermediate Shaft Coupling | AISI 304 SS, Powder Metal         |
| Intermediate Bearing Spider | Glass Filled Engineered Composite |
| Intermediate Bearing Spider | AISI 303 SS                       |
| Shim                        | AISI 304 SS                       |
| Screws - Cable Guard        | AISI 304 SS                       |
| Motor Adapter               | AISI 304 SS                       |
| Casing                      | AISI 304 SS                       |
| Shaft                       | AISI 304 SS                       |
| Coupling                    | AISI 304 SS, Powder Metal         |
| Cable Guard                 | AISI 304 SS                       |
| Suction Screen              | AISI 304 SS                       |

| Applications           |                     |
|------------------------|---------------------|
| • Potable Water Supply | • Pressure Boosting |
| • Municipal            | • Industrial        |
| • Agriculture          | • Irrigation        |

| Technical Data         |                            |
|------------------------|----------------------------|
| Available Voltages     | 1~ 115/230v<br>3~ 230/460v |
| Fluid temperature:     | 37°-95°F (3°-35°C)         |
| Max. Head              | 1150 Ft.                   |
| Max. sand content:     | 50 g/m <sup>3</sup>        |
| Max. submersion depth: | 1000 Ft.                   |
| Protection class:      | IP 68                      |

Approval Stamp Here

# Submittal Data Sheet

Wilo TWU - 4" Stainless Steel Submersibles 5-80 GPM



## TWU 4.35" Series

| Weights and Dimensions |                 |                |    |     |       |                 |      |      |    |     |               |          |       |
|------------------------|-----------------|----------------|----|-----|-------|-----------------|------|------|----|-----|---------------|----------|-------|
| Motor Type             | Model           | Mtr. Dia. (In) | HP | PH  | Volts | Dimensions (In) |      |      |    |     | Weights (Lbs) |          |       |
|                        |                 |                |    |     |       | A               | B    | C    | D  | E   | Complete Unit | Pump End | Motor |
| 2 Wire                 | TWU 4.35-06.10  | 4              | 1  | 1   | 230   | 27.5            | 13.3 | 14.2 | 1¼ | 3.9 | 33            | 8        | 25    |
|                        | TWU 4.35-08.15  | 4              | 1½ | 1   | 230   | 31.5            | 14.9 | 16.6 |    |     | 39            | 9        | 30    |
| 3 Wire                 | TWU 4.35-06.10  | 4              | 1  | 1   | 230   | 25.9            | 11.7 | 14.2 |    |     | 33            | 8        | 25    |
|                        | TWU 4.35-06.10  | 4              | 1  | 3   | 230   | 25.9            | 11.7 | 14.2 |    |     | 33            | 8        | 25    |
|                        | TWU 4.35-06.10  | 4              | 1  | 3   | 460   | 25.9            | 11.7 | 14.2 |    |     | 33            | 8        | 25    |
|                        | TWU 4.35-08.15  | 4              | 1½ | 1   | 230   | 30.2            | 13.6 | 16.6 |    |     | 36            | 9        | 27    |
|                        | TWU 4.35-08.15  | 4              | 1½ | 3   | 230   | 28.3            | 11.7 | 16.6 |    |     | 32            | 9        | 23    |
|                        | TWU 4.35-08.15  | 4              | 1½ | 3   | 460   | 28.3            | 11.7 | 16.6 |    |     | 32            | 9        | 23    |
|                        | TWU 4.35-10.20  | 4              | 2  | 1   | 230   | 34.2            | 15.1 | 19.1 |    |     | 41            | 10       | 31    |
|                        | TWU 4.35-10.20  | 4              | 2  | 3   | 230   | 32.9            | 13.8 | 19.1 |    |     | 37            | 10       | 27    |
|                        | TWU 4.35-10.20  | 4              | 2  | 3   | 460   | 32.9            | 13.8 | 19.1 |    |     | 37            | 10       | 27    |
|                        | TWU 4.35-14.30  | 4              | 3  | 1   | 230   | 42.3            | 18.3 | 24   |    |     | 53            | 13       | 40    |
|                        | TWU 4.35-14.30  | 4              | 3  | 3   | 230   | 39.3            | 15.3 | 24   |    |     | 45            | 13       | 32    |
|                        | TWU 4.35-14.30  | 4              | 3  | 3   | 460   | 39.3            | 15.3 | 24   |    |     | 45            | 13       | 32    |
|                        | TWU 4.35-24.50  | 4              | 5  | 1   | 230   | 62.9            | 27.7 | 35.2 |    |     | 89            | 19       | 70    |
|                        | TWU 4.35-24.50  | 4              | 5  | 3   | 230   | 56.9            | 21.7 | 35.2 |    |     | 74            | 19       | 55    |
|                        | TWU 4.35-24.50  | 4              | 5  | 3   | 460   | 62.9            | 27.7 | 35.2 |    |     | 74            | 19       | 55    |
|                        | TWU 4.35-34.75  | 4              | 7½ | 3   | 230   | 78.3            | 27.7 | 50.6 |    |     | 97            | 27       | 70    |
|                        | TWU 4.35-34.75  | 4              | 7½ | 3   | 460   | 78.3            | 27.7 | 50.6 |    |     | 97            | 27       | 70    |
|                        | TWU 4.35-43.100 | 4              | 10 | 3   | 230   |                 |      | 62.8 |    |     | 127           | 33       | 95    |
| TWU 4.35-43.100        | 4               | 10             | 3  | 460 |       |                 | 62.8 | 127  | 33 | 95  |               |          |       |

