

VBTS Series – Detailed Technical Specifications

| <i>Radial Flow Type 6" Borewell Submersible Pumps (AI. Die Casted Rotor</i> | | | | | | | <i>Performance</i> | | | | | | | | | | |
|---|---------------|-----------------|-----------|------------------|----------------------|------------------------|-------------------------|----|----|----|-----|-----|-----|-----|-----|----|----|
| <i>Radial Flow Type 6"</i> | | <i>Capacity</i> | | <i>Pipe Size</i> | <i>Rated Current</i> | <i>Panel Suggested</i> | <i>Discharge in LPM</i> | | | | | | | | | | |
| <i>Series I</i> | <i>Stages</i> | <i>HP</i> | <i>kW</i> | <i>(mm)</i> | <i>(A)</i> | | 42 | 39 | 36 | 33 | 300 | 270 | 24 | 210 | - | 0 | |
| VETS | 3 | 3.0 | 22 | 50 | 6 | D.O.L. | Head in Mete r | 9 | 13 | 18 | 21 | 1 | 29 | 30 | - | 32 | |
| VETS | 5 | 5.0 | 3.7 | 50 | 10 | D.O.L. | | 15 | 22 | 30 | 35 | 40 | 45 | 48 | 50 | - | 53 |
| VETS | 6 | 6.0 | 4.5 | 50 | 12 | D.O.L. | | 18 | 26 | 36 | 42 | 48 | 54 | 58 | 60 | - | 64 |
| VETS | 8 | 7.5 | 5.5 | 50 | 14.5 | D.O.L. | | 24 | 35 | 48 | 56 | 64 | 72 | 77 | 80 | - | 85 |
| VBTSD | 8 | 7.5 | 5.5 | 50 | 14.5 | Star- | | 24 | 35 | 48 | 56 | 64 | 72 | 77 | 80 | - | 85 |
| S | | | | | | | <i>Discharge in LPM</i> | | | | | | | | | | |
| | | | | | | | 39 | 36 | 33 | 30 | 270 | 240 | 21 | 180 | - | 0 | |
| VETS | 4 | 3.0 | 22 | 50 | 6 | D.O.L. | Head in Mete r | 12 | 17 | 21 | 25 | 29 | 33 | 35 | 37 | - | 41 |
| VETS | 6 | 5.0 | 3.7 | 50 | 10 | D.O.L. | | 18 | 25 | 32 | 38 | 43 | 49 | 53 | 55 | - | 62 |
| VBTS | 8 | 6.0 | 4.5 | 50 | 12 | D.O.L. | | 32 | 42 | 50 | 57 | 62 | 65 | 70 | - | 82 | |
| VETS | 10 | 7.5 | 5.5 | 50 | 14.5 | D.O.L. | | 30 | 40 | 53 | 63 | 71 | 78 | 82 | 88 | - | 10 |
| VBTSD | 10 | 7.5 | 5.5 | 50 | 14.5 | Star- | | 30 | 40 | 53 | 63 | 71 | 78 | 82 | 88 | - | 10 |
| S | | | | | | | <i>Discharge in LPM</i> | | | | | | | | | | |
| | | | | | | | 36 | 33 | 30 | 27 | 240 | 210 | 18 | 150 | 12 | 0 | |
| VETS | 5 | 3.0 | 22 | 50 | 6 | D.O.L. | Head in Mete r | - | 16 | 21 | 26 | 31 | 36 | 41 | 45 | 48 | 53 |
| VETS | 8 | 5.0 | 3.7 | 50 | 10 | D.O.L. | | - | 26 | 33 | 42 | 50 | 58 | 65 | 72 | 76 | 84 |
| VETS | 10 | 6.0 | 4.5 | 50 | 12 | D.O.L. | | 25 | 41 | 50 | 58 | 66 | 75 | 83 | 90 | 95 | 10 |
| VETS | 12 | 7.5 | 5.5 | 50 | 14.5 | D.O.L. | | 30 | 50 | 60 | 70 | 80 | 90 | 10 | 108 | 11 | 12 |
| VBTSD | 12 | 7.5 | 5.5 | 50 | 14.5 | Star- | | 30 | 50 | 60 | 70 | 80 | " | 10 | 10 | 11 | 12 |
| S | | | | | | | <i>Discharge in LPM</i> | | | | | | | | | | |
| VBTS | 6 | 3.0 | 2.2 | 50 | 6 | D.O.L. | Head in Mete r | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 56 | 58 | 62 |
| VETS | 8 | 4.0 | 3.0 | 50 | 8.5 | D.O.L. | | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 74 | 77 | 82 |
| VETS | 10 | 5.0 | 3.7 | 50 | 10 | D.O.L. | | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 93 | 96 | 10 |
| VETS | 12 | 6.0 | 4.5 | 50 | 12 | D.O.L. | | - | 42 | 60 | 72 | 84 | 96 | 10 | 110 | 11 | 12 |
| VETS | 15 | 7.5 | 5.5 | 50 | 14.5 | D.O.L. | | - | - | 62 | 82 | 94 | 108 | 12 | 130 | 14 | 15 |
| VBTSD | 15 | 7.5 | 5.5 | 50 | 14.5 | Star- | | - | - | 62 | 82 | 94 | 108 | 12 | 130 | 14 | 15 |
| S | | | | | | | <i>Discharge in LPM</i> | | | | | | | | | | |
| | | | | | | | 21 | 18 | 15 | 12 | 90 | 60 | 30 | - | - | 0 | |
| VBTS | 7 | 3.0 | 22 | 50 | 6 | D.O.L. | 29 | 35 | 41 | 51 | 56 | 63 | 66 | - | - | 71 | |
| VETS | 8 | 3.0 | 22 | 50 | 6 | D.O.L. | 33 | 40 | 47 | 58 | 64 | 72 | 76 | - | - | 81 | |
| VETS | 10 | 4.0 | 3.0 | 50 | 8.5 | D.O.L. | 41 | 50 | 58 | 72 | 80 | 90 | 95 | - | - | 10 | |



The name you can trust

| | | | | | | | | | | | | | | | | |
|-------|----|-----|-----|----|------|--------|-----------------|----|----|----|-----------|------------|-----|----|---|----|
| VETS | 12 | 5.0 | 3.7 | 50 | 10 | D.O.L. | in Mete r | 50 | 60 | 70 | 87 | 96 | 108 | 11 | - | 12 |
| VETS | 15 | 6.0 | 4.5 | 50 | 12 | D.O.L. | | 63 | 75 | 88 | 10 | 120 | 135 | 14 | - | 15 |
| VETS | 16 | 6.0 | 4.5 | 50 | 12 | D.O.L. | | 67 | 80 | 93 | 11 | 128 | 144 | 15 | - | 16 |
| VETS | 18 | 7.5 | 5.5 | 50 | 14.5 | D.O.L. | | 75 | 90 | 10 | 13 | 144 | 162 | 17 | - | 18 |
| VBTSD | 18 | 7.5 | 5.5 | 50 | 14.5 | Star- | | 75 | 90 | 10 | 13 | 144 | 162 | 17 | - | 18 |
| VETS | 20 | 7.5 | 5.5 | 50 | 14.5 | D.O.L. | | 90 | 10 | 12 | 14 | 160 | 180 | 19 | - | 20 |
| VBTSD | 20 | 7.5 | 5.5 | 50 | 14.5 | Star- | | 90 | 10 | 12 | 14 | 160 | 180 | 19 | - | 20 |

The performance data & technical Specifications given in this brochure are based on our lab tests conducted at standard conditions & rated voltage

** - Voltage required at motor input terminal during working time.