

VORTEX PUMP

WZ Series Self-Priming Vortex Bilge Pump

ISO9001 Supplier

Class Certificate

Export Supply

WZ Series Self-Priming Vortex Pump WZ Series Self-Priming Vortex Pump is suitable for transmitting the temperature between -20°C to +80°C, the viscosity is not more than 50E non-solid particles, vola...



Key Highlights

|                                                                                                        |                                                                             |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Category                                                                                               | Vortex Pump                                                                 |
| Standard                                                                                               | DIN                                                                         |
| Material                                                                                               | Cast iron pump cast, Bronze impeller, Stainless steel pump shaft            |
| Weight / Size                                                                                          | This pump small size, light weight, self-priming ability, can be equippe... |
| Certificate                                                                                            | CCS, ABS , BV, LR, Etc                                                      |
| We can supply according to your requirement, drawings, class certificate needs, and delivery schedule. |                                                                             |

Technical Specifications

|               |                                                                                                                        |             |                                                                  |
|---------------|------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------|
| Category      | Vortex Pump                                                                                                            | Model / SKU | WZ-Series-Self-Priming-Vortex-Bilge-Pump                         |
| Standard      | DIN                                                                                                                    | Material    | Cast iron pump cast, Bronze impeller, Stainless steel pump shaft |
| Weight / Size | This pump small size, light weight, self-priming ability, can be equipped with motor, gasoline engine, diesel powered. | Certificate | CCS, ABS , BV, LR, Etc                                           |
| Warranty      | 12 Months unless specified otherwise                                                                                   | Origin      | China                                                            |

CONTENTS

■ WZ Series Self-Priming Vortex Pump

■ Main Specification

## WZ Series Self-Priming Vortex Pump



WZ Series Self-Priming Vortex Pump is suitable for transmitting the temperature between -20°C to +80°C, the viscosity is not more than 50E non-solid particles, volatile, water and fresh water gasification. For oil, chemicals, ships, printing and dyeing industry and villas, hotels, tall buildings and small boiler feed water using. This pump small size, light weight, self-priming ability, can be equipped with motor, gasoline engine, diesel powered.

### Main Specification

| Type      | Capacity  |       | Head | Suction lift | Efficiency | Shaft power | Motor power | Impeller Dia. | Pump +base Weight |
|-----------|-----------|-------|------|--------------|------------|-------------|-------------|---------------|-------------------|
|           | (m3/h)    | (l/s) | (m)  | HS(m)        | (%)        | (kw)        | (kw)        | (mm)          | (kg)              |
| 20WZ-14×2 | 0.79<br>2 | 0.2   | 38   | 8            | 14         | 0.59        | 0.75        | 100           | 10+10             |
|           | 1.44      | 0.4   | 28   | 7.5          | 23         | 0.48        |             |               |                   |
|           | 1.8       | 0.5   | 20   | 7            | 22         | 0.45        |             |               |                   |
| 20WZ-14×3 | 0.79<br>2 | 0.2   | 57   | 8            | 14         | 0.88        | 1.1         |               | 13+12             |
|           | 1.44      | 0.4   | 42   | 7.5          | 23         | 0.72        |             |               |                   |
|           | 1.8       | 0.5   | 30   | 7            | 22         | 0.67        |             |               |                   |
| 20WZ-14×4 | 0.79<br>2 | 0.2   | 76   | 8            | 14         | 1.17        | 1.5         |               | 16+15             |
|           | 1.44      | 0.4   | 56   | 7.5          | 23         | 0.96        |             |               |                   |
|           | 1.8       | 0.5   | 40   | 7            | 22         | 0.89        |             |               |                   |
| 25WZ-16×2 | 1.8       | 0.5   | 46   | 7.5          | 20         | 1.13        | 1.5         | 110           | 13+17             |
|           | 2.88      | 0.8   | 32   | 7            | 28         | 0.9         |             |               |                   |
|           | 3.6       | 1     | 22   | 6.5          | 27         | 0.8         |             |               |                   |
| 25WZ-16×3 | 1.8       | 0.5   | 69   | 7.5          | 20         | 1.69        | 2.2         |               | 17.6+20           |
|           | 2.88      | 0.8   | 48   | 7            | 28         | 1.34        |             |               |                   |
|           | 3.6       | 1     | 33   | 6.5          | 27         | 1.2         |             |               |                   |

|           |      |     |     |     |    |      |     |     |       |       |
|-----------|------|-----|-----|-----|----|------|-----|-----|-------|-------|
| 25WZ-16×4 | 1.8  | 0.5 | 92  | 7.5 | 20 | 2.25 | 3   | 110 | 22+23 |       |
|           | 2.88 | 0.8 | 64  | 7   | 28 | 1.79 |     |     |       |       |
|           | 3.6  | 1   | 44  | 6.5 | 27 | 1.6  |     |     |       |       |
| 32WZ-18×2 | 3.6  | 1   | 50  | 7   | 25 | 1.96 | 3   | 132 | 19+22 |       |
|           | 5.4  | 1.5 | 36  | 6.5 | 32 | 1.65 |     |     |       |       |
|           | 6.48 | 1.8 | 24  | 6   | 29 | 1.46 |     |     |       |       |
| 32WZ-18×3 | 3.6  | 1   | 75  | 7   | 25 | 2.94 | 4   |     |       | 22+25 |
|           | 5.4  | 1.5 | 54  | 6.5 | 32 | 2.48 |     |     |       |       |
|           | 6.48 | 1.8 | 36  | 6   | 29 | 2.19 |     |     |       |       |
| 32WZ-18×4 | 3.6  | 1   | 100 | 7   | 25 | 3.92 | 5.5 |     |       | 25+28 |
|           | 5.4  | 1.5 | 72  | 6.5 | 32 | 3.31 |     |     |       |       |
|           | 6.48 | 1.8 | 48  | 6   | 29 | 2.92 |     |     |       |       |
| 40WZ-28×2 | 6.12 | 1.7 | 84  | 6.5 | 25 | 5.6  | 7.5 | 148 | 38+25 |       |
|           | 9    | 2.5 | 56  | 6   | 33 | 4.16 |     |     |       |       |
|           | 10.8 | 3   | 34  | 5.5 | 31 | 3.22 |     |     |       |       |
| 40WZ-28×3 | 6.12 | 1.7 | 126 | 6.5 | 25 | 8.4  | 11  |     |       | 45+30 |
|           | 9    | 2.5 | 84  | 6   | 33 | 6.24 |     |     |       |       |
|           | 10.8 | 3   | 51  | 5.5 | 31 | 4.84 |     |     |       |       |
| 40WZ-28×4 | 6.12 | 1.7 | 168 | 6.5 | 25 | 11.2 | 15  |     |       | 52+36 |
|           | 9    | 2.5 | 112 | 6   | 33 | 8.32 |     |     |       |       |
|           | 10.8 | 3   | 68  | 5.5 | 31 | 6.46 |     |     |       |       |
| 50WZ-32×2 | 11.7 | 3.3 | 88  | 6   | 30 | 9.35 | 11  | 170 | 49+30 |       |
|           | 14.4 | 4   | 64  | 5.5 | 35 | 7.17 |     |     |       |       |
|           | 18   | 5   | 40  | 5   | 34 | 5.75 |     |     |       |       |

|            |           |     |        |     |    |       |      |     |       |       |         |
|------------|-----------|-----|--------|-----|----|-------|------|-----|-------|-------|---------|
| 50WZ-32×3  | 11.7      | 3.3 | 132    | 6   | 30 | 14    | 18.5 | 190 | 60+35 |       |         |
|            | 14.4      | 4   | 96     | 5.5 | 35 | 10.75 |      |     |       |       |         |
|            | 18        | 5   | 60     | 5   | 34 | 8.65  |      |     |       |       |         |
| 65WZ-36×2  | 17.2<br>5 | 4.8 | 102    | 5.5 | 30 | 16    | 22   |     |       |       |         |
|            | 21.6      | 6   | 72     | 5   | 36 | 11.8  |      |     |       |       |         |
|            | 27        | 7.5 | 42     | 4.5 | 35 | 8.8   |      |     |       |       |         |
| 65WZ-36×3  | 17.2<br>5 | 4.8 | 153    | 5.5 | 30 | 24    | 30   |     |       |       |         |
|            | 21.6      | 6   | 108    | 5   | 36 | 17.6  |      |     |       |       |         |
|            | 27        | 7.5 | 63     | 4.5 | 35 | 13.5  |      |     |       |       |         |
| 20WZ1-14×2 | 0.95      | 0.3 | 54.72  | 8   | 14 | 1.01  | 1.5  | 100 | 10+10 |       |         |
|            | 1.73      | 0.5 | 40.32  | 7.5 | 23 | 0.83  |      |     |       |       |         |
|            | 2.16      | 0.6 | 28.8   | 7   | 22 | 0.77  |      |     |       |       |         |
| 20WZ1-14×3 | 0.95      | 0.3 | 82.08  | 8   | 14 | 1.52  | 2.2  |     | 100   | 13+12 |         |
|            | 1.73      | 0.5 | 60.48  | 7.5 | 23 | 1.24  |      |     |       |       |         |
|            | 2.16      | 0.6 | 43.2   | 7   | 22 | 1.15  |      |     |       |       |         |
| 20WZ1-14×4 | 0.95      | 0.3 | 109.44 | 8   | 14 | 2.02  | 3    |     |       | 100   | 16+15   |
|            | 1.73      | 0.5 | 80.64  | 7.5 | 23 | 1.65  |      |     |       |       |         |
|            | 2.16      | 0.6 | 57.6   | 7   | 22 | 1.54  |      |     |       |       |         |
| 25WZ1-16×2 | 2.16      | 0.6 | 66.24  | 7.5 | 20 | 1.95  | 3    | 110 |       |       | 13+17   |
|            | 3.46      | 1   | 46.08  | 7   | 28 | 1.56  |      |     |       |       |         |
|            | 4.32      | 1.2 | 31.68  | 6.5 | 27 | 1.38  |      |     |       |       |         |
| 25WZ1-16×3 | 2.16      | 0.6 | 99.36  | 7.5 | 20 | 2.92  | 4    |     | 110   |       | 17.6+20 |
|            | 3.46      | 1   | 69.12  | 7   | 28 | 2.32  |      |     |       |       |         |
|            | 4.32      | 1.2 | 47.52  | 6.5 | 27 | 2.07  |      |     |       |       |         |
| 25WZ1-16×4 | 2.16      | 0.6 | 132.48 | 7.5 | 20 | 3.89  | 5.5  |     |       | 110   | 22+23   |
|            | 3.46      | 1   | 92.16  | 7   | 28 | 3.09  |      |     |       |       |         |
|            | 4.32      | 1.2 | 63.36  | 6.5 | 27 | 2.76  |      |     |       |       |         |
| 32WZ1-18×2 | 4.32      | 1.2 | 72     | 7   | 25 | 3.39  | 5.5  | 132 |       |       | 10+10   |
|            | 6.48      | 1.8 | 51.84  | 6.5 | 32 | 2.85  |      |     |       |       |         |
|            | 7.78      | 2.2 | 34.56  | 6   | 29 | 2.52  |      |     |       |       |         |

|            |           |     |        |     |    |       |      |     |       |  |
|------------|-----------|-----|--------|-----|----|-------|------|-----|-------|--|
| 32WZ1-18×3 | 4.32      | 1.2 | 108    | 7   | 25 | 5.08  | 7.5  | 132 | 13+12 |  |
|            | 6.48      | 1.8 | 77.76  | 6.5 | 32 | 4.29  |      |     |       |  |
|            | 7.78      | 2.2 | 51.84  | 6   | 29 | 3.78  |      |     |       |  |
| 32WZ1-18×4 | 4.32      | 1.2 | 144    | 7   | 25 | 6.77  | 11   |     | 25+28 |  |
|            | 6.48      | 1.8 | 103.68 | 6.5 | 32 | 5.72  |      |     |       |  |
|            | 7.78      | 2.2 | 69.12  | 6   | 29 | 5.05  |      |     |       |  |
| 40WZ1-28×2 | 7.34      | 2   | 120.96 | 6.5 | 25 | 9.68  | 11   | 148 | 38+25 |  |
|            | 10.8      | 3   | 80.64  | 6   | 33 | 7.19  |      |     |       |  |
|            | 12.9<br>6 | 3.6 | 48.96  | 5.5 | 31 | 5.56  |      |     |       |  |
| 40WZ1-28×3 | 7.34      | 2   | 181.44 | 6.5 | 25 | 14.52 | 18.5 |     | 45+30 |  |
|            | 10.8      | 3   | 120.96 | 6   | 33 | 10.78 |      |     |       |  |
|            | 12.9<br>6 | 3.6 | 73.44  | 5.5 | 31 | 8.36  |      |     |       |  |
| 40WZ1-28×4 | 7.34      | 2   | 241.92 | 6.5 | 25 | 19.35 | 22   | 148 | 52+36 |  |
|            | 10.8      | 3   | 161.28 | 6   | 33 | 14.38 |      |     |       |  |
|            | 12.9<br>6 | 3.6 | 97.92  | 5.5 | 31 | 11.16 |      |     |       |  |
| 50WZ1-32×2 | 14.0<br>4 | 3.9 | 126.72 | 6   | 30 | 16.16 | 18.5 | 170 | 49+30 |  |
|            | 17.2<br>8 | 4.8 | 92.16  | 5.5 | 35 | 12.39 |      |     |       |  |
|            | 21.6      | 6   | 57.6   | 5   | 34 | 9.94  |      |     |       |  |
| 50WZ1-32×3 | 14.0<br>4 | 3.9 | 190.08 | 6   | 30 | 24.19 | 30   |     | 60+35 |  |
|            | 17.2<br>8 | 4.8 | 138.24 | 5.5 | 35 | 18.58 |      |     |       |  |
|            | 21.6      | 6   | 86.4   | 5   | 34 | 14.95 |      |     |       |  |
| 65WZ1-36×2 | 20.7      | 5.8 | 146.88 | 5.5 | 30 | 27.65 | 30   | 190 |       |  |
|            | 25.9<br>2 | 7.2 | 103.68 | 5   | 36 | 20.39 |      |     |       |  |
|            | 32.4      | 9   | 60.48  | 4.5 | 35 | 15.2  |      |     |       |  |
| 65WZ1-36×3 | 20.7      | 5.8 | 220.32 | 5.5 | 30 | 41.47 | 45   |     |       |  |
|            | 25.9<br>2 | 7.2 | 155.52 | 5   | 36 | 30.41 |      |     |       |  |
|            | 32.4      | 9   | 90.72  | 4.5 | 35 | 23.33 |      |     |       |  |