

## SHIMGE® Horizontal Multi-Stage Centrifugal Pump (Fully stainless steel SUS304)



BWJ

BWJ with PC

BWJT

| Model     | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|-----------|------------|-----------------|-------------------|-------------|---------------------|
| BWJ2-3 PC | 0.5        | 58              | 28                | 240         | 1" X 1"             |
| BWJ2-4 PC | 0.75       | 58              | 36                | 240         | 1" X 1"             |
| BWJ2-5 PC | 0.75       | 58              | 46                | 240         | 1" X 1"             |
| BWJ2-6 PC | 1          | 58              | 54                | 240         | 1" X 1"             |
| BWJ4-3 PC | 1          | 116             | 28                | 240         | 1.25" X 1"          |
| BWJ4-4 PC | 1          | 116             | 38                | 240         | 1.25" X 1"          |
| BWJ4-5 PC | 1.5        | 116             | 47                | 240         | 1.25" X 1"          |
| BWJ4-6 PC | 1.5        | 116             | 57                | 240         | 1.25" X 1"          |
| BWJ2-3    | 0.5        | 58              | 28                | 240         | 1" X 1"             |
| BWJ2-4    | 0.75       | 58              | 36                | 240         | 1" X 1"             |
| BWJ2-5    | 0.75       | 58              | 46                | 240         | 1" X 1"             |
| BWJ2-6    | 1          | 58              | 54                | 240         | 1" X 1"             |
| BWJ4-4    | 1          | 116             | 38                | 240         | 1.25" X 1"          |
| BWJ4-5    | 1.5        | 116             | 47                | 240         | 1.25" X 1"          |
| BWJ4-6    | 1.5        | 116             | 57                | 240         | 1.25" X 1"          |
| BWJT4-4   | 1          | 116             | 38                | 415         | 1.25" X 1"          |
| BWJT4-6   | 1.5        | 116             | 57                | 415         | 1.25" X 1"          |
| BWJT8-4   | 2          | 183             | 40                | 415         | 1.5" X 1.5"         |
| BWJT8-5   | 3          | 183             | 51                | 415         | 1.5" X 1.5"         |

BW(T), BWJ(T) stainless steel horizontal multistage centrifugal pumps are non self-priming pumps  
Overflowing parts of pump made of stainless steel 304

Hard alloy and fluorine rubber mechanical seal

Liquid temperature up to 68°C for standard type

Ambient temperature up to 40°C

Maximum working pressure: 10 bar

Protection class: IP55

Insulation class: F

## SHIMGE® Fully-integrated Intelligent Variable Frequency Multi-Stage Centrifugal Pump (Fully stainless steel SUS304)



- Ambient temperature up to 40°C
- The altitude at the installation site is less than 1000mtr
- Ambient humidity 10-90%RH (non-condensing)
- Maximum working pressure: 10 bar
- Protection class: IP55
- Insulation class: F
- Frequency converter: Class IP65 protection
- Overflowing parts of pump made of stainless steel 304
- Inverter – Automatically adjust the constant pressure and variable frequency water supply. Optimal energy-efficient.

| Model   | Power (HP) | Rated Flow L/min | Max. / Rated Height (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|---------|------------|------------------|---------------------------|-------------|---------------------|
| BWJE4-6 | 1.5        | 116              | 57 / 45                   | 240         | 1.25" X 1"          |
| BWJE8-4 | 2.0        | 183              | 40 / 35                   | 240         | 1.5" X 1.5"         |
| BWJE8-5 | 3.0        | 183              | 54 / 45                   | 240         | 1.5" X 1.5"         |

# **SHIMGE® Horizontal Multi-Stage Centrifugal Pump (Fully stainless steel SUS304)**



BWT



BW with PC

| Model     | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|-----------|------------|-----------------|-------------------|-------------|---------------------|
| BW2-3 PC  | 0.5        | 58              | 28                | 240         | 1" X 1"             |
| BW2-4 PC  | 0.75       | 58              | 36                | 240         | 1" X 1"             |
| BW2-5 PC  | 0.75       | 58              | 46                | 240         | 1" X 1"             |
| BW2-6 PC  | 1          | 58              | 54                | 240         | 1" X 1"             |
| BW4-4 PC  | 1          | 116             | 38                | 240         | 1.25" X 1"          |
| BW8-4 PC  | 2          | 183             | 39                | 240         | 2" X 2"             |
| BW8-5 PC  | 3          | 183             | 51                | 240         | 2" X 2"             |
| BW16-3 PC | 4          | 367             | 40                | 240         | 2" X 2"             |
| BWT8-4    | 2          | 183             | 39                | 415         | 2" X 2"             |
| BWT8-5    | 3          | 183             | 51                | 415         | 2" X 2"             |
| BWT16-3   | 4          | 367             | 40                | 415         | 2" X 2"             |

BW(T), BW(9T) stainless steel horizontal multistage centrifugal pumps are non self-priming pumps  
Overflowing parts of pump made of stainless steel 304

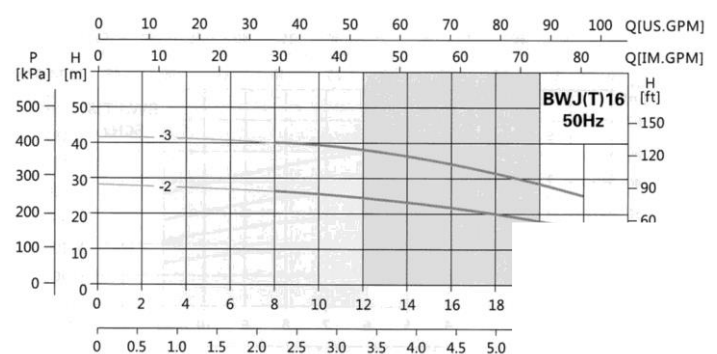
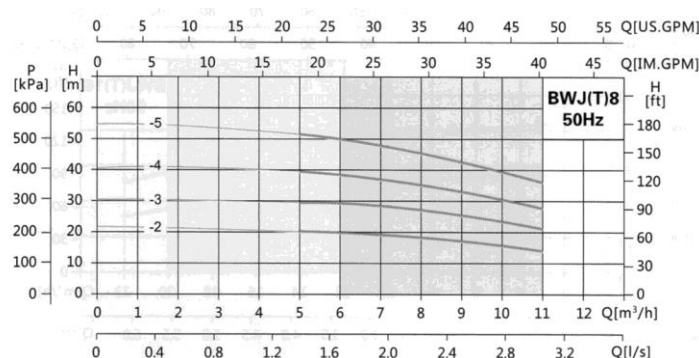
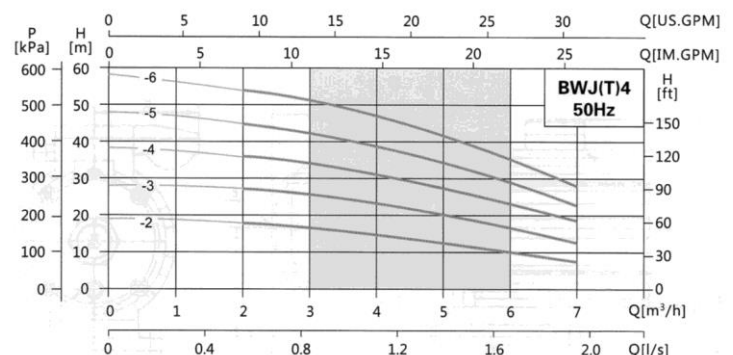
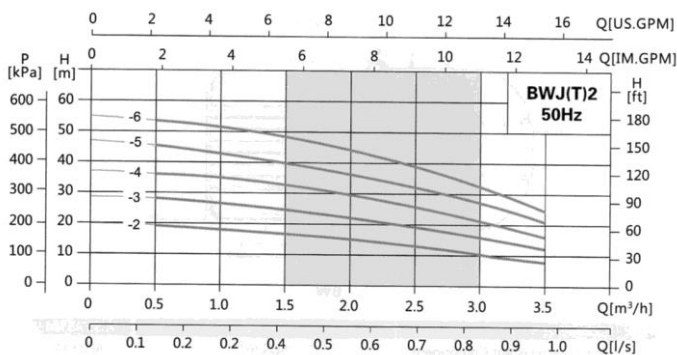
Hard alloy and fluorine rubber mechanical seal

Liquid temperature up to 68°C for standard type

Ambient temperature up to 40°C

Maximum working pressure: 10 bar

Protection class: IP55, Insulation class: F



## SHIMGE® Surface Booster Pumps, Automatic Stop & Run.



PW125



PW125/250/370/550/750Z



1AWZB 750H1



| Model             | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Max. Suction (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|-------------------|------------|-----------------|-------------------|--------------------|-------------|---------------------|
| <b>PW125</b>      | 0.17       | 30              | 24                | 8                  | 240         | 1" x 1"             |
| <b>PW125Z</b>     | 0.17       | 30              | 24                | 8                  | 240         | 1" x 1"             |
| <b>PW250Z</b>     | 0.34       | 36              | 30                | 8                  | 240         | 1" x 1"             |
| <b>PW370Z</b>     | 0.5        | 40              | 36                | 8                  | 240         | 1" x 1"             |
| <b>PW550Z</b>     | 0.75       | 50              | 42                | 8                  | 240         | 1" x 1"             |
| <b>PW750Z</b>     | 1          | 56              | 50                | 8                  | 240         | 1" x 1"             |
| <b>1AWZB750H1</b> | 1          | 50              | 44                | 8                  | 240         | 1" x 1"             |

### **1AWZB 750H1, PW125, PW125Z TO 750Z**

Liquid temperature up to 90°C

Ambient temperature up to 40°C

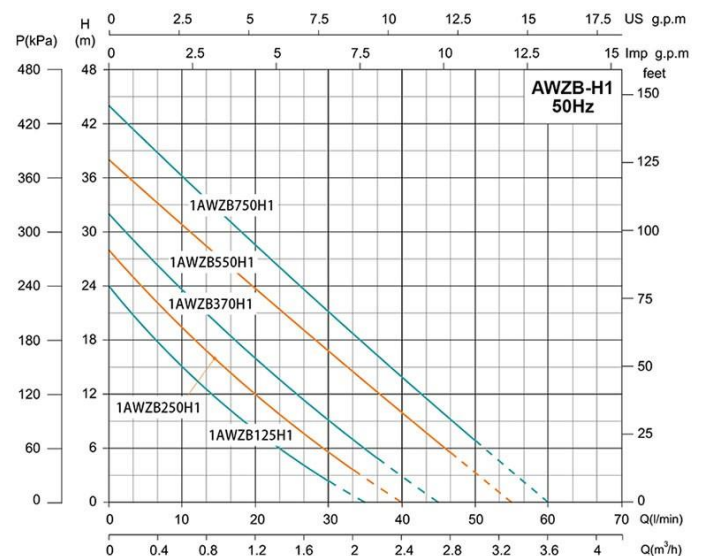
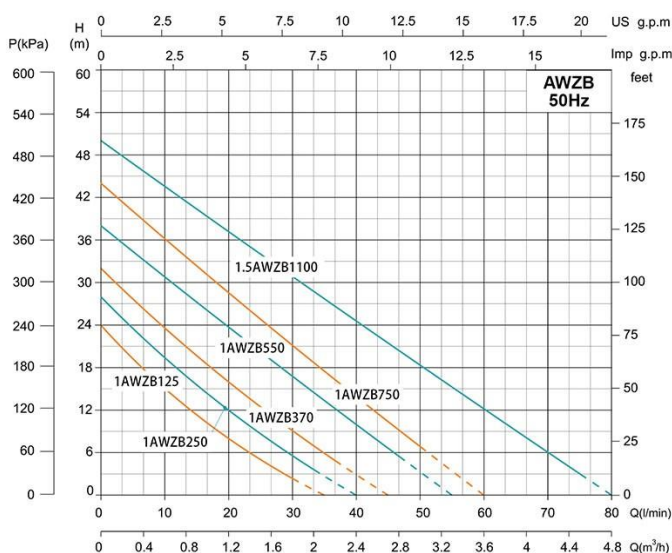
Maximum working pressure: 6 bar

### **1AWZB 750H1**

The control system is able to start or stop pump at proper time based on the water pressure and flow. Stable water supply is realized, and water shortage protection is also available.

### **PW125Z/250Z/370Z/550Z/750Z**

- Pump body insert of stainless steel 304. Shaft extension is stainless steel 304. Inner part of pump coated with a thick layer of Ceramic to prevent corrosion.
- The impeller of copper alloy. High quality mechanical switch.
- Intelligent control: Pump can supply stabilized water flow by automatically running. Through the water flow and water pressure data collected by flow switch and pressure switch, electronic unit control the pump running/stop, solve the frequently starting problems under low water flow, and completely inhibit frequently starting if water flows than 0.3m<sup>3</sup>/h.
- Time delay start: 3-seconds delay on startup to prevent electric transient surge.
- Dry-run protection: Pump shut down if no water flows past pump inlet after running 6 minutes, when there is water flow past pump inlet, pump restart.
- Scale prevention: Pump will automatically run 10 seconds for scale prevention once per 3 days among outage period.



## SHIMGE® Surface Pumps



QB60/60L1



JET100P



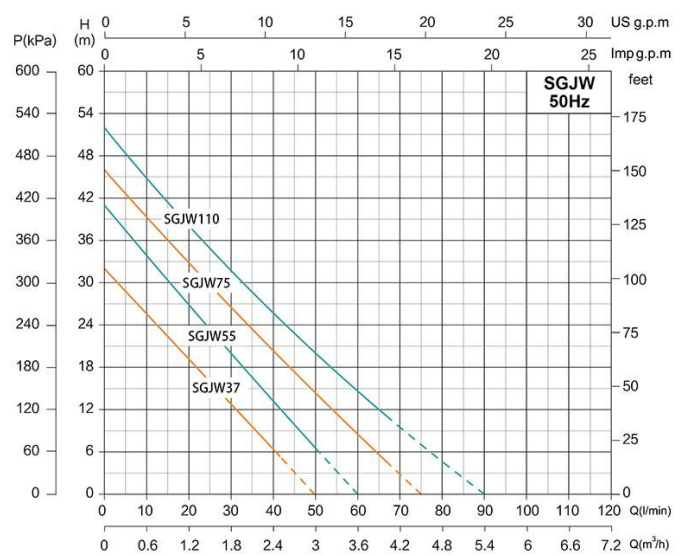
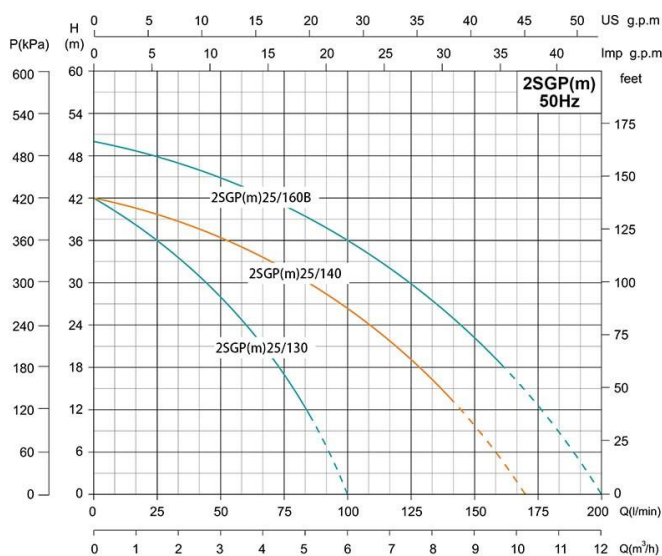
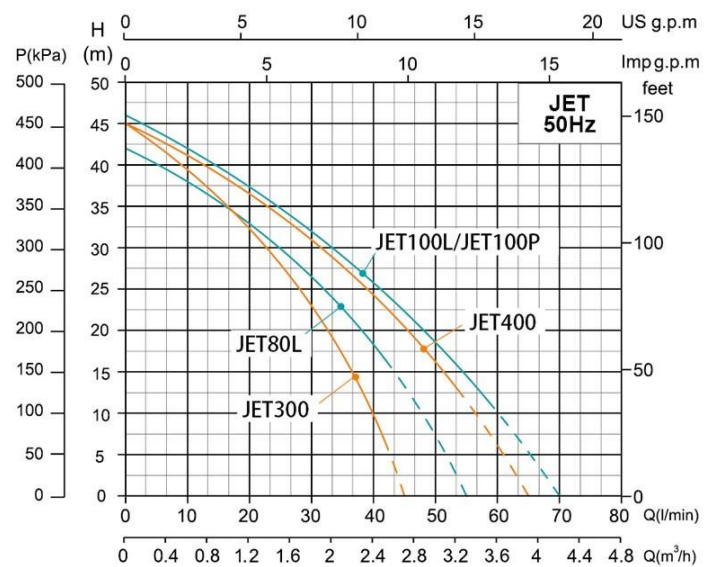
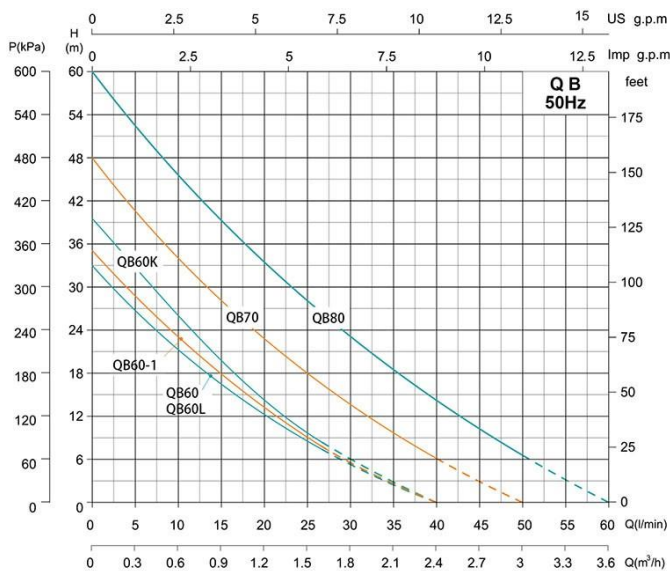
2SGP25/160B



SGJW110

| Model        | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Max. Suction (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|--------------|------------|-----------------|-------------------|--------------------|-------------|---------------------|
| QB60L1       | 0.5        | 27              | 33                | 8                  | 240         | 1" X 1"             |
| QB60         | 0.5        | 27              | 33                | 8                  | 240         | 1" X 1"             |
| JET100P      | 1          | 58              | 46                | 9                  | 240         | 1" x 1"             |
| 2SGPm25/160B | 2          | 160             | 50                | 8                  | 240         | 1.5" x 1"           |
| 2SGP25/160B  | 2          | 160             | 50                | 8                  | 415         | 1.5" x 1"           |
| SGJW110      | 1.5        | 90              | 52                | 9                  | 240         | 1" x 1"             |

Liquid temperature up to 40°C  
Ambient temperature up to 40°C  
Maximum working pressure: 6 bar



## SHIMGE® Surface Pumps

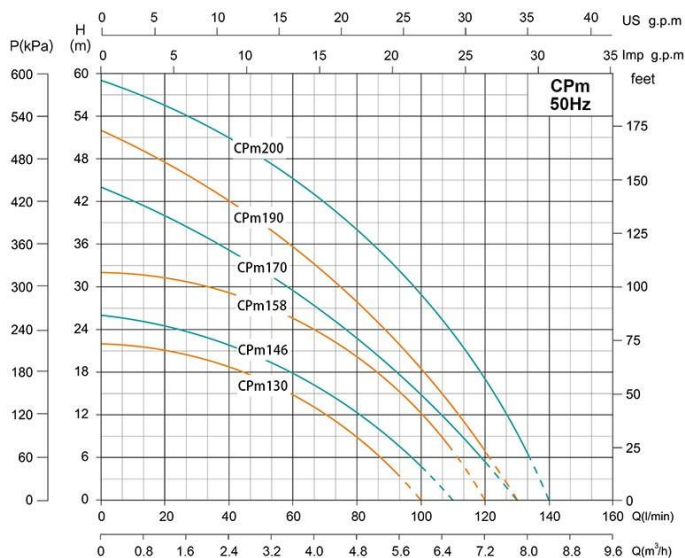
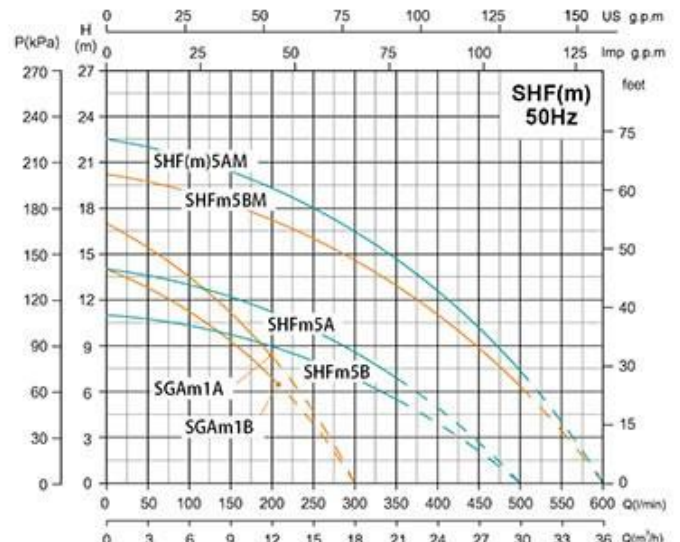
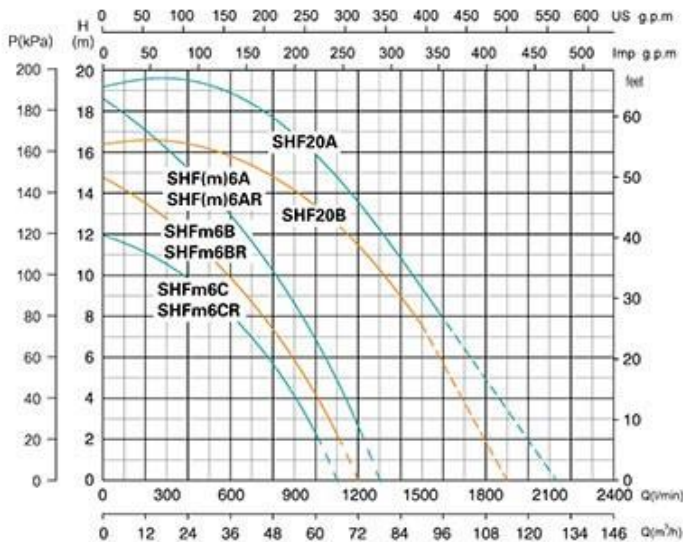


CPm130/158/170/200 SHF(m)5AM / SGAm1A SHF(m)6A/6AR

SHF20A/30A

| Model   | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Max. Suction (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|---------|------------|-----------------|-------------------|--------------------|-------------|---------------------|
| CPm130  | 0.5        | 92              | 22                | 7                  | 240         | 1" X 1"             |
| CPm158  | 1          | 108             | 32                | 7                  | 240         | 1" X 1"             |
| CPm170  | 1.5        | 120             | 44                | 7                  | 240         | 1.25" X 1"          |
| CPm200  | 3.0        | 140             | 59                | 7                  | 240         | 1" X 1"             |
| SGAm1A  | 1          | 300             | 17                | 7                  | 240         | 1.5" X 1.5"         |
| SHFm5AM | 2          | 500             | 22.5              | 7                  | 240         | 2" X 2"             |
| SHF5AM  | 2          | 500             | 22.5              | 7                  | 415         | 2" X 2"             |
| SHFm6A  | 3          | 1200            | 18.5              | 7                  | 240         | 3" X 3"             |
| SHF6A   | 3          | 1200            | 18.5              | 7                  | 415         | 3" X 3"             |
| SHF6AR  | 3          | 1200            | 18.5              | 7                  | 415         | 4" X 4"             |
| SHF20A  | 5.5        | 2150            | 19.5              | 7                  | 415         | 4" X 4"             |
| SHF30A  | 10         | 2333            | 24.5              | 7                  | 415         | 4" X 4"             |

Liquid temperature up to 40°C. Ambient temperature up to 40°C. Maximum working pressure: 6 bar



## SHIMGE® Centrifugal Pumps



| Model                | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Max. Suction (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|----------------------|------------|-----------------|-------------------|--------------------|-------------|---------------------|
| <b>SGT32-160/3</b>   | 4          | 333             | 35                | 8                  | 415         | 2" x 1.25"          |
| <b>SGT32-200/4</b>   | 5.5        | 333             | 45                | 8                  | 415         | 2" x 1.25"          |
| <b>SGT40-160/3</b>   | 4          | 500             | 28                | 8                  | 415         | 2.5" X 1.5"         |
| <b>SGT40-160/4</b>   | 5.5        | 500             | 36                | 8                  | 415         | 2.5" X 1.5"         |
| <b>SGT40-200/5.5</b> | 7.5        | 867             | 42                | 8                  | 415         | 2.5" X 1.5"         |
| <b>SGT40-200/7.5</b> | 10         | 867             | 52                | 8                  | 415         | 2.5" X 1.5"         |

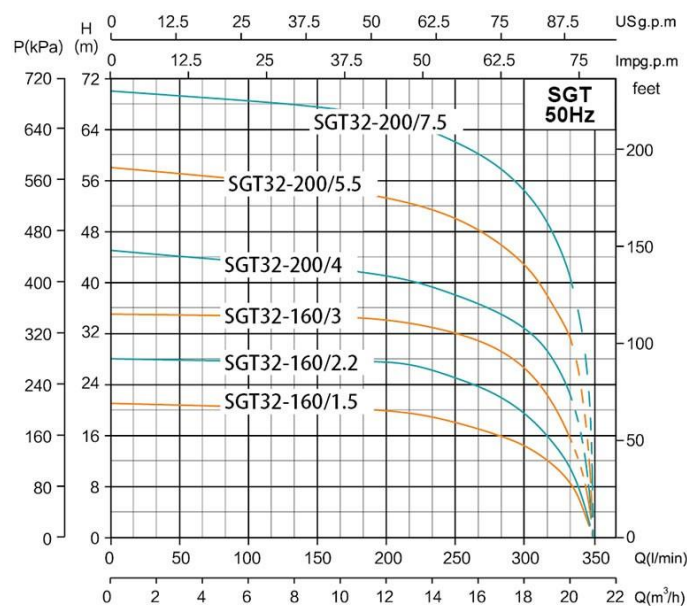
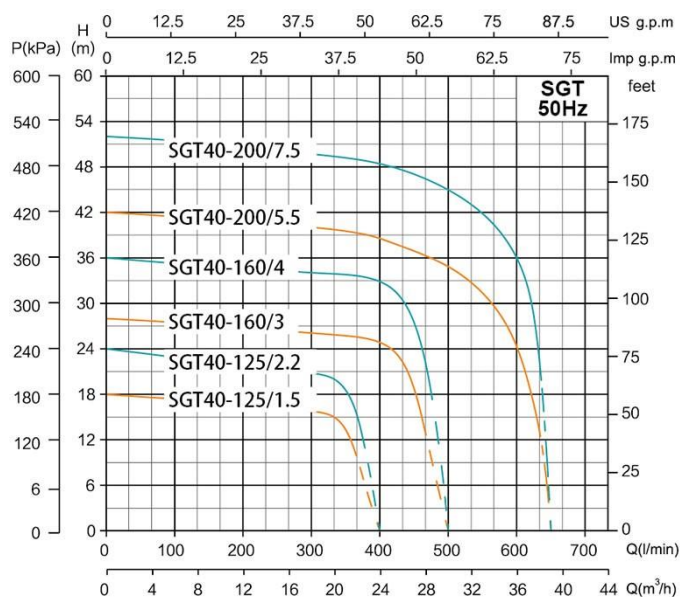
Liquid temperature up to +60°C

Ambient temperature up to +40°C

Maximum working pressure: 6 bar

pH: 6.5 to 8.5

Suction head up to 8m



## SHIMGE® Self-Priming Jet Pumps SUS304



Equip with PC

| Model               | Power (HP) | Max. Flow L/min | Max. Height (mtr) | Max. Suction (mtr) | Voltage (V) | Inlet/Outlet (inch) |
|---------------------|------------|-----------------|-------------------|--------------------|-------------|---------------------|
| <b>JET370G1</b>     | 0.5        | 60              | 32                | 8                  | 240         | 1" x 1"             |
| <b>JET750G1</b>     | 1.0        | 85              | 40                | 8                  | 240         | 1" x 1"             |
| <b>JET1100G1</b>    | 1.5        | 100             | 48                | 8                  | 240         | 1" x 1"             |
| <b>JET370G1 PC</b>  | 0.5        | 60              | 32                | 8                  | 240         | 1" x 1"             |
| <b>JET750G1 PC</b>  | 1.0        | 85              | 40                | 8                  | 240         | 1" x 1"             |
| <b>JET1100G1 PC</b> | 1.5        | 100             | 48                | 8                  | 240         | 1" x 1"             |

\* PC – Automatic Pressure Control

Liquid temperature up to +40°C

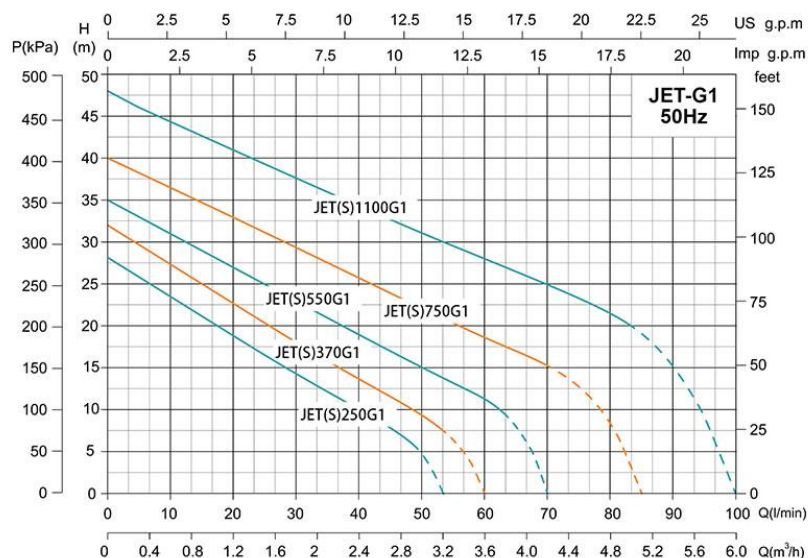
Ambient temperature up to +40°C

Maximum working pressure: 6 bar

pH: 6.5 to 8.5

Suction head up to 8m

Voltage fluctuation should not exceed 10% of rated value



## SHIMGE® VERTICAL Multi-Stage Centrifugal Pumps, Motor Power 0.37KW to 7.5KW – IE2 Motor, 11KW to 30KW IE3 Motor.



| Model   | Power (KW) | Q (m³/h) / mtr |     |     |     |     |     | Head Range (m) | Inlet/Outlet (Inch) |
|---------|------------|----------------|-----|-----|-----|-----|-----|----------------|---------------------|
|         |            | 1              | 1.2 | 1.6 | 2   | 2.4 | 3.2 |                |                     |
| BLT2-3  | 0.37       | 27             | 26  | 24  | 22  | 20  | 15  | 15 - 27        | 1" x 1"             |
| BLT2-5  | 0.55       | 45             | 43  | 40  | 37  | 33  | 24  | 24 - 45        | 1" x 1"             |
| BLT2-7  | 0.75       | 63             | 61  | 57  | 52  | 47  | 35  | 35 - 63        | 1" x 1"             |
| BLT2-11 | 1.1        | 98             | 95  | 89  | 82  | 73  | 54  | 54 - 98        | 1" x 1"             |
| BLT2-15 | 1.5        | 134            | 130 | 123 | 112 | 100 | 73  | 73 - 134       | 1" x 1"             |

| Model    | Power (KW) | Q (m³/h) / mtr |     |     |     |     |     | Head Range (m) | Inlet/Outlet (Inch) |
|----------|------------|----------------|-----|-----|-----|-----|-----|----------------|---------------------|
|          |            | 1.5            | 2   | 3   | 4   | 5   | 6   |                |                     |
| BLT4-4   | 0.75       | 38             | 36  | 34  | 32  | 27  | 24  | 24 - 38        | 1.25" x 1.25"       |
| BLT4-5   | 1.1        | 47             | 45  | 43  | 40  | 34  | 31  | 31 - 47        | 1.25" x 1.25"       |
| BLT4-7   | 1.5        | 66             | 63  | 61  | 56  | 48  | 43  | 43 - 66        | 1.25" x 1.25"       |
| BLT4-8   | 1.5        | 74             | 72  | 70  | 64  | 55  | 50  | 50 - 74        | 1.25" x 1.25"       |
| BLT4-10  | 2.2        | 96             | 90  | 87  | 81  | 71  | 62  | 62 - 96        | 1.25" x 1.25"       |
| BLT4-12  | 2.2        | 114            | 108 | 104 | 95  | 85  | 75  | 75 - 114       | 1.25" x 1.25"       |
| BLT4-14  | 3          | 136            | 126 | 122 | 112 | 101 | 89  | 89 - 136       | 1.25" x 1.25"       |
| BLT4-16  | 3          | 152            | 144 | 140 | 129 | 115 | 101 | 101 - 152      | 1.25" x 1.25"       |
| BLT4-19  | 4          | 183            | 171 | 168 | 153 | 137 | 122 | 122 - 183      | 1.25" x 1.25"       |
| BLT4-16R | 3          | 152            | 144 | 140 | 129 | 115 | 101 | 101 - 152      | 1.25" x 1.25"       |
| BL4-16R  | 3          | 152            | 144 | 140 | 129 | 115 | 101 | 101 - 152      | 1.25" x 1.25"       |
| BLT4-19R | 4          | 183            | 171 | 168 | 153 | 137 | 122 | 122 - 183      | 1.25" x 1.25"       |
| BL4-19R  | 4          | 183            | 171 | 168 | 153 | 137 | 122 | 122 - 183      | 1.25" x 1.25"       |

\*BL – Fully Stainless Steel SUS304,

\*R – Hot Water 120°C

| Model    | Power (KW) | Q (m³/h) / mtr |      |     |     |     |     | Head Range (m) | Inlet/Outlet (Inch) |
|----------|------------|----------------|------|-----|-----|-----|-----|----------------|---------------------|
|          |            | 5              | 6    | 8   | 9   | 10  | 11  |                |                     |
| BLT8-3   | 1.1        | 30             | 29.5 | 27  | 25  | 24  | 21  | 21 - 30        | 1.5" x 1.5"         |
| BLT8-4   | 1.5        | 41             | 39.5 | 36  | 34  | 32  | 28  | 28 - 41        | 1.5" x 1.5"         |
| BLT8-5   | 2.2        | 52             | 50   | 45  | 42  | 40  | 36  | 36 - 52        | 1.5" x 1.5"         |
| BLT8-6   | 2.2        | 62             | 60   | 54  | 51  | 48  | 43  | 43 - 62        | 1.5" x 1.5"         |
| BLT8-8   | 3          | 83             | 80   | 73  | 69  | 65  | 58  | 58 - 83        | 1.5" x 1.5"         |
| BLT8-10  | 4          | 104            | 100  | 92  | 87  | 81  | 73  | 73 - 104       | 1.5" x 1.5"         |
| BLT8-12  | 5.5        | 124            | 120  | 111 | 104 | 92  | 87  | 87 - 124       | 1.5" x 1.5"         |
| BLT8-14  | 5.5        | 145            | 141  | 130 | 122 | 113 | 102 | 102 - 145      | 1.5" x 1.5"         |
| BLT8-18  | 7.5        | 187            | 182  | 167 | 157 | 146 | 134 | 134 - 187      | 1.5" x 1.5"         |
| BLT8-20R | 7.5        | 208            | 202  | 186 | 175 | 163 | 150 | 150 - 208      | 1.5" x 1.5"         |

## SHIMGE® VERTICAL Multi-Stage Centrifugal Pumps, Motor Power 0.37KW to 7.5KW – IE2 Motor, 11KW to 30KW – IE3 Motor.

| Model    | Power (KW) | Q (m³/h) / mtr |     |     |     |     |     | Head Range (m) | Inlet/Outlet (Inch) |
|----------|------------|----------------|-----|-----|-----|-----|-----|----------------|---------------------|
|          |            | 8              | 10  | 12  | 16  | 18  | 20  |                |                     |
| BLT16-3  | 3          | 41             | 40  | 38  | 34  | 32  | 29  | 29 – 41        | 2" x 2"             |
| BLT16-4  | 4          | 54             | 53  | 52  | 46  | 43  | 38  | 38 – 54        | 2" x 2"             |
| BLT16-5  | 5.5        | 68             | 67  | 65  | 58  | 54  | 48  | 48 – 68        | 2" x 2"             |
| BLT16-6  | 5.5        | 82             | 80  | 78  | 70  | 64  | 58  | 58 – 82        | 2" x 2"             |
| BLT16-8  | 7.5        | 110            | 108 | 104 | 94  | 86  | 77  | 77 – 110       | 2" x 2"             |
| BLT16-10 | 11         | 138            | 136 | 131 | 118 | 109 | 97  | 97 – 138       | 2" x 2"             |
| BLT16-12 | 11         | 166            | 162 | 157 | 141 | 130 | 116 | 116 – 166      | 2" x 2"             |

| Model   | Power (KW) | Q (m³/h) / mtr |     |     |     |     |    | Head Range (m) | Inlet/Outlet (Inch) |
|---------|------------|----------------|-----|-----|-----|-----|----|----------------|---------------------|
|         |            | 16             | 20  | 24  | 28  | 32  | 36 |                |                     |
| BLT32-2 | 4          | 36             | 34  | 32  | 29  | 27  | 23 | 23 – 36        | 2.5" x 2.5"         |
| BLT32-3 | 5.5        | 54             | 51  | 48  | 44  | 40  | 35 | 35 – 54        | 2.5" x 2.5"         |
| BLT32-4 | 7.5        | 72             | 69  | 65  | 59  | 53  | 47 | 47 – 72        | 2.5" x 2.5"         |
| BLT32-6 | 11         | 108            | 104 | 97  | 90  | 81  | 72 | 72 – 108       | 2.5" x 2.5"         |
| BLT32-8 | 15         | 144            | 138 | 130 | 120 | 109 | 97 | 97 – 144       | 2.5" x 2.5"         |

| Model   | Power (KW) | Q (m³/h) / mtr |     |     |     |    |    | Head Range (m) | Inlet/Outlet (Inch) |
|---------|------------|----------------|-----|-----|-----|----|----|----------------|---------------------|
|         |            | 25             | 30  | 35  | 40  | 45 | 50 |                |                     |
| BLT45-3 | 11         | 71             | 69  | 66  | 63  | 58 | 53 | 53 – 71        | 3" x 3"             |
| BLT45-4 | 15         | 95             | 92  | 88  | 84  | 78 | 71 | 71 – 95        | 3" x 3"             |
| BLT45-5 | 18.5       | 119            | 115 | 110 | 105 | 97 | 88 | 88 – 119       | 3" x 3"             |

| Model     | Power (KW) | Q (m³/h) / mtr |     |    |    |    |    | Head Range (m) | Inlet/Outlet (Inch) |
|-----------|------------|----------------|-----|----|----|----|----|----------------|---------------------|
|           |            | 30             | 40  | 50 | 60 | 64 | 70 |                |                     |
| BLT64-2   | 11         | 53             | 51  | 47 | 43 | 40 | 37 | 37 – 53        | 4" x 4"             |
| BLT64-3-1 | 15         | 73             | 69  | 63 | 57 | 53 | 48 | 48 – 73        | 4" x 4"             |
| BLT64-4-2 | 18.5       | 92             | 87  | 80 | 71 | 66 | 60 | 60 – 92        | 4" x 4"             |
| BLT64-4   | 22         | 107            | 101 | 94 | 85 | 80 | 74 | 74 – 107       | 4" x 4"             |

| Model   | Power (KW) | Q (m³/h) / mtr |     |     |    |    |     | Head Range (m) | Inlet/Outlet (Inch) |
|---------|------------|----------------|-----|-----|----|----|-----|----------------|---------------------|
|         |            | 50             |     |     |    | 90 | 100 |                |                     |
| BLT90-2 | 15         | 53             | 50  | 47  | 44 | 40 | 36  | 36 – 53        | 4" x 4"             |
| BLT90-3 | 22         | 81             | 77  | 72  | 67 | 62 | 55  | 55 – 81        | 4" x 4"             |
| BLT90-4 | 30         | 110            | 105 | 100 | 92 | 84 | 76  | 76 – 110       | 4" x 4"             |

- Water temperature: 0 – 120°C for R, 0 – 80°C for Standard
- Ambient temperature: +40 °C
- Max ambient pressure: 1.0MPa
- pH: 5 to 8
- 0.37KW to 7.5KW Motor: IE2, IP55, Class F
- 11KW to 30KW Motor: IE3, IP55, Class F
- \*BL – Fully Stainless Steel SUS304, \*R – Hot Water 120°C

### Energy Efficiency Standard (IEC60034)

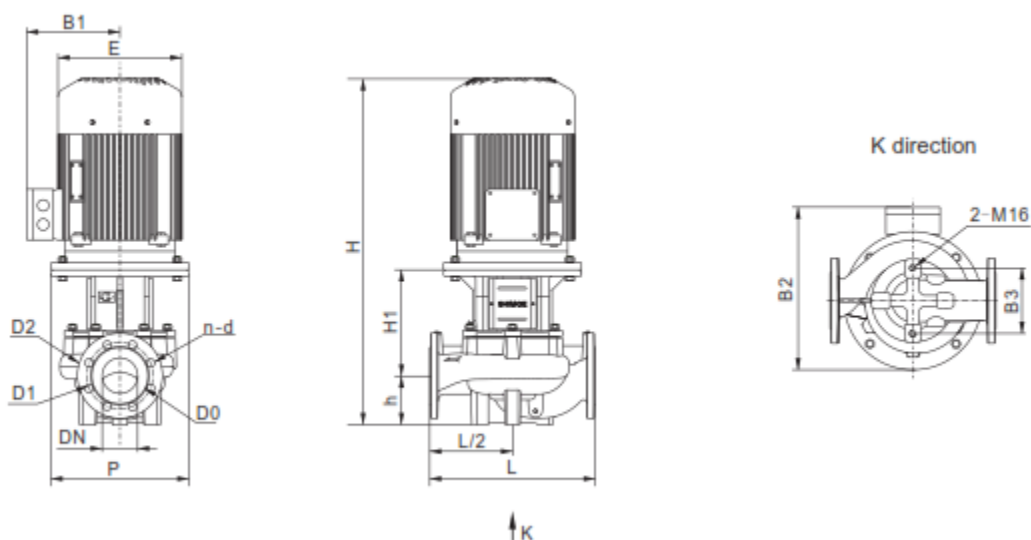
| Power (KW) | Efficiency 2P, IE2 | Efficiency 2P, IE3 | Power (KW) | Efficiency 2P, IE2 | Efficiency 2P, IE3 |
|------------|--------------------|--------------------|------------|--------------------|--------------------|
| 0.75       | 77.4               | 80.7               | 11         | 89.4               | 91.2               |
| 1.1        | 79.6               | 82.7               | 15         | 90.3               | 91.9               |
| 1.5        | 81.3               | 84.2               | 18.5       | 90.9               | 92.4               |
| 2.2        | 83.2               | 85.9               | 22         | 91.3               | 92.7               |
| 3          | 84.6               | 87.1               | 30         | 92                 | 93.3               |
| 4          | 85.8               | 88.1               | 37         | 92.5               | 93.7               |
| 5.5        | 87                 | 89.2               | 45         | 92.9               | 94                 |
| 7.5        | 88.1               | 90.1               |            |                    |                    |

## SHIMGE® VERTICAL Centrifugal Pumps Equip with NSK/SKF Bearing, Couple with High Efficiency IE3 Motor.



| Model             | Power (HP) | Rated Flow L/min | Rated Height (mtr) | Voltage (V) | Weight (kg) | Inlet/Outlet (inch) |
|-------------------|------------|------------------|--------------------|-------------|-------------|---------------------|
| <b>TB50-15/2</b>  | 2          | 333              | 15                 | 415         | 42          | 2" x 2"             |
| <b>TB65-15/2</b>  | 3          | 500              | 15                 | 415         | 48          | 2.5" x 2.5"         |
| <b>TB80-18/2</b>  | 5.5        | 833              | 18                 | 415         | 71          | 3" x 3"             |
| <b>TB80-28/2</b>  | 10         | 833              | 28                 | 415         | 94          | 3" x 3"             |
| <b>TB100-17/2</b> | 7.5        | 1333             | 17                 | 415         | 91          | 4" x 4"             |
| <b>TB100-22/2</b> | 10         | 1333             | 22                 | 415         | 101         | 4" x 4"             |

- Shaft material: SUS304.
- Motor: IE3 High efficiency, IP55, Class F.
- Bearing: NSK/SKF.
- Low noise and vibration.
- Impeller material: HT200 plated with anti-corrosion material.



| Model      | h   | H1  | H   | L   | B1  | B2  | B3  | E   | P   | DN  | D0  | D1  | D2  | n-d   | Weight (kg) |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------------|
| TB50-15/2  | 115 | 150 | 551 | 340 | 162 | 283 | 144 | 183 | 200 | 50  | 102 | 125 | 165 | 4-Φ18 | 42          |
| TB65-15/2  | 105 | 170 | 586 | 360 | 162 | 283 | 144 | 183 | 200 | 65  | 122 | 145 | 185 | 4-Φ18 | 48          |
| TB80-18/2  | 97  | 200 | 687 | 440 | 190 | 315 | 144 | 219 | 250 | 80  | 132 | 160 | 200 | 8-Φ18 | 71          |
| TB80-28/2  | 97  | 240 | 727 | 440 | 203 | 353 | 144 | 258 | 300 | 80  | 132 | 160 | 200 | 8-Φ18 | 94          |
| TB100-17/2 | 140 | 230 | 760 | 500 | 203 | 353 | 144 | 258 | 300 | 100 | 156 | 180 | 220 | 8-Φ18 | 91          |
| TB100-22/2 | 140 | 230 | 760 | 500 | 203 | 353 | 144 | 258 | 300 | 100 | 156 | 180 | 220 | 8-Φ18 | 101         |

## SHIMGE® Deep Well Submersible Pumps



4SS(m)



3(4)SG(m)



MA

Manually operation control box of single-phase  
For motor power no more than 1.5KW(2HP)



| Model      | Power (HP) | Voltage (V) | Outlet (Inch) | Max. Flow L/min | Max. Head (m) | Max. Immersion (m) | Head Range (m) |
|------------|------------|-------------|---------------|-----------------|---------------|--------------------|----------------|
| 3SGm2.5/10 | 0.5        | 240         | 1"            | 60              | 41            | 70                 | 41-20          |
| 3SGm2.5/20 | 1.0        | 240         | 1"            | 60              | 83            | 70                 | 82-39          |
| 3SGm2.5/25 | 1.5        | 240         | 1"            | 60              | 104           | 70                 | 102-49         |
| 4SGm3/11   | 1.0        | 240         | 1-1/2"        | 80              | 81            | 70                 | 78-43          |
| 4SGm3/17   | 1.5        | 240         | 1-1/2"        | 80              | 125           | 70                 | 120-67         |
| 4SGm3/21   | 2.0        | 240         | 1-1/2"        | 80              | 155           | 70                 | 150-85         |
| 4SG3/13    | 1.0        | 415         | 1-1/2"        | 80              | 96            | 70                 | 92-51          |
| 4SG3/21    | 2.0        | 415         | 1-1/2"        | 80              | 155           | 70                 | 150-85         |
| 4SG3/30    | 3.0        | 415         | 1-1/2"        | 80              | 225           | 70                 | 219-127        |
| 4SG3/50    | 5.5        | 415         | 1-1/2"        | 80              | 369           | 70                 | 360-206        |
| 4SGm6/8    | 1.0        | 240         | 1-1/2"        | 140             | 53            | 70                 | 46-26          |
| 4SGm6/11   | 1.5        | 240         | 1-1/2"        | 140             | 72            | 70                 | 64-35          |
| 4SGm6/14   | 2.0        | 240         | 1-1/2"        | 140             | 92            | 70                 | 85-45          |
| 4SG6/8     | 1.0        | 415         | 1-1/2"        | 140             | 53            | 70                 | 46-26          |
| 4SG6/11    | 1.5        | 415         | 1-1/2"        | 140             | 72            | 70                 | 64-35          |
| 4SG6/14    | 2.0        | 415         | 1-1/2"        | 140             | 92            | 70                 | 85-45          |
| 4SG6/20    | 3.0        | 415         | 1-1/2"        | 140             | 133           | 70                 | 121-64         |
| 4SG6/34    | 5.5        | 415         | 1-1/2"        | 140             | 228           | 70                 | 205-110        |
| 4SSm3/6    | 0.5        | 240         | 1-1/2"        | 70              | 37            | 70                 | 34-17          |
| 4SSm3/12   | 1.0        | 240         | 1-1/2"        | 70              | 73            | 70                 | 68-33          |
| 4SSm3/18   | 1.5        | 240         | 1-1/2"        | 70              | 109           | 70                 | 102-51         |
| 4SSm3/22   | 2.0        | 240         | 1-1/2"        | 70              | 134           | 70                 | 125-62         |
| 4SS3/12    | 1.0        | 415         | 1-1/2"        | 70              | 73            | 70                 | 68-33          |
| 4SS3/18    | 1.5        | 415         | 1-1/2"        | 70              | 109           | 70                 | 102-51         |
| 4SS3/22    | 2.0        | 415         | 1-1/2"        | 70              | 134           | 70                 | 125-62         |
| 4SS3/32    | 3.0        | 415         | 1-1/2"        | 70              | 194           | 70                 | 182-90         |
| 4SS3/52    | 5.5        | 415         | 1-1/2"        | 70              | 316           | 70                 | 296-147        |

## SHIMGE® Deep Well Submersible Pumps

| Model    | Power (HP) | Voltage (V) | Outlet (Inch) | Max. Flow L/min | Max. Head (m) | Max. Immersion (m) | Head Range (m) |
|----------|------------|-------------|---------------|-----------------|---------------|--------------------|----------------|
| 4SSm5/8  | 1.0        | 240         | 1-1/2"        | 110             | 50            | 70                 | 45-17          |
| 4SSm5/12 | 1.5        | 240         | 1-1/2"        | 110             | 75            | 70                 | 68-26          |
| 4SSm5/17 | 2.0        | 240         | 1-1/2"        | 110             | 106           | 70                 | 96-36          |
| 4SS5/8   | 1.0        | 415         | 1-1/2"        | 110             | 50            | 70                 | 45-17          |
| 4SS5/12  | 1.5        | 415         | 1-1/2"        | 110             | 75            | 70                 | 68-26          |
| 4SS5/17  | 2.0        | 415         | 1-1/2"        | 110             | 106           | 70                 | 96-36          |
| 4SS5/21  | 3.0        | 415         | 1-1/2"        | 110             | 131           | 70                 | 119-44         |
| 4SS5/40  | 5.5        | 415         | 1-1/2"        | 110             | 249           | 70                 | 226-86         |
| 4SSm8/7  | 1.5        | 240         | 2"            | 180             | 41            | 70                 | 37-15          |
| 4SSm8/10 | 2.0        | 240         | 2"            | 180             | 59            | 70                 | 53-21          |
| 4SS8/10  | 2.0        | 415         | 2"            | 180             | 59            | 70                 | 53-21          |
| 4SS8/12  | 3.0        | 415         | 2"            | 180             | 70            | 70                 | 64-25          |
| 4SS8/18  | 4.0        | 415         | 2"            | 180             | 105           | 70                 | 96-38          |
| 4SS8/24  | 5.5        | 415         | 2"            | 180             | 140           | 70                 | 128-50         |

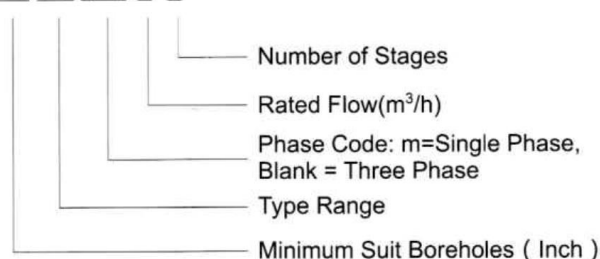
### Application Limit

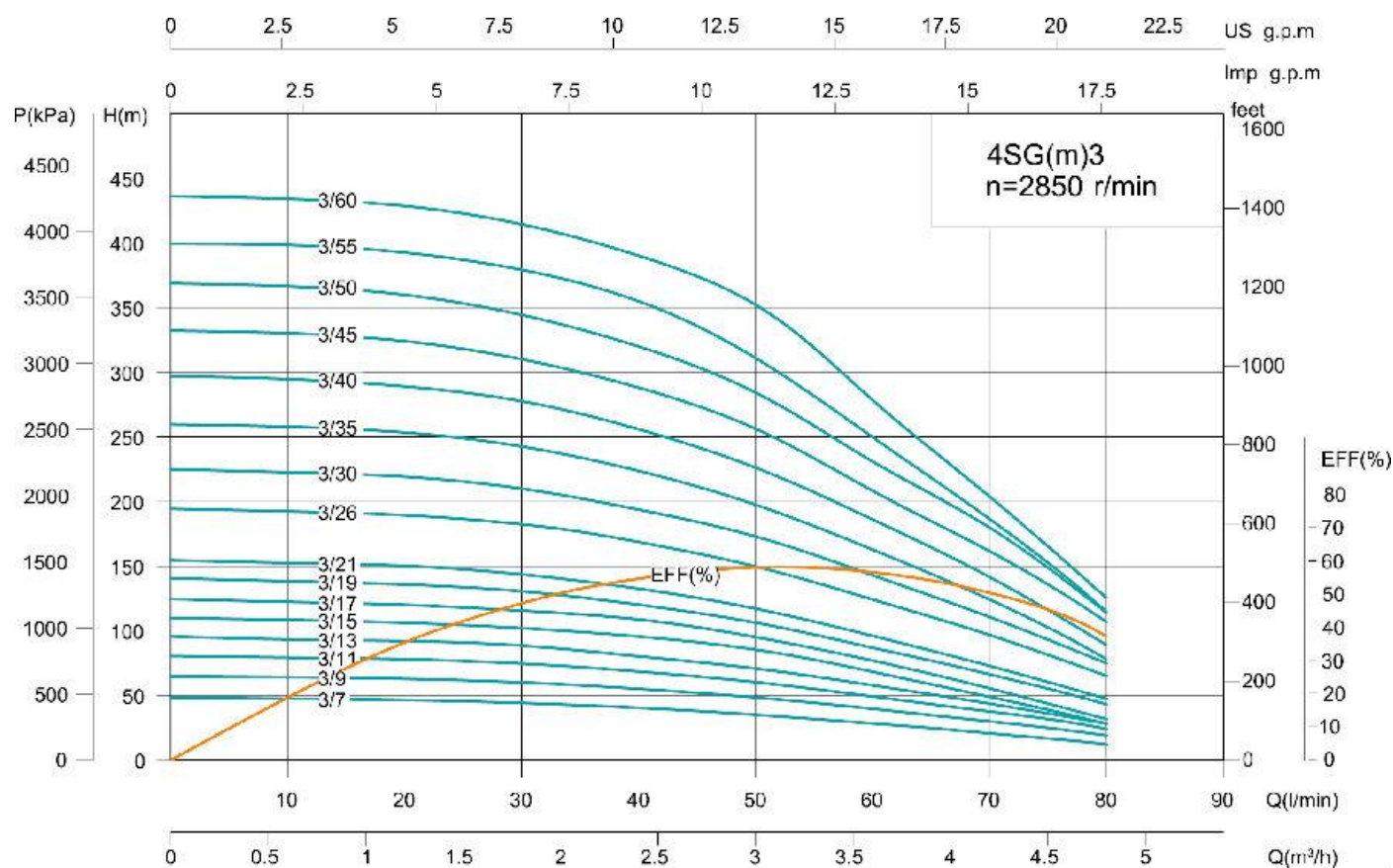
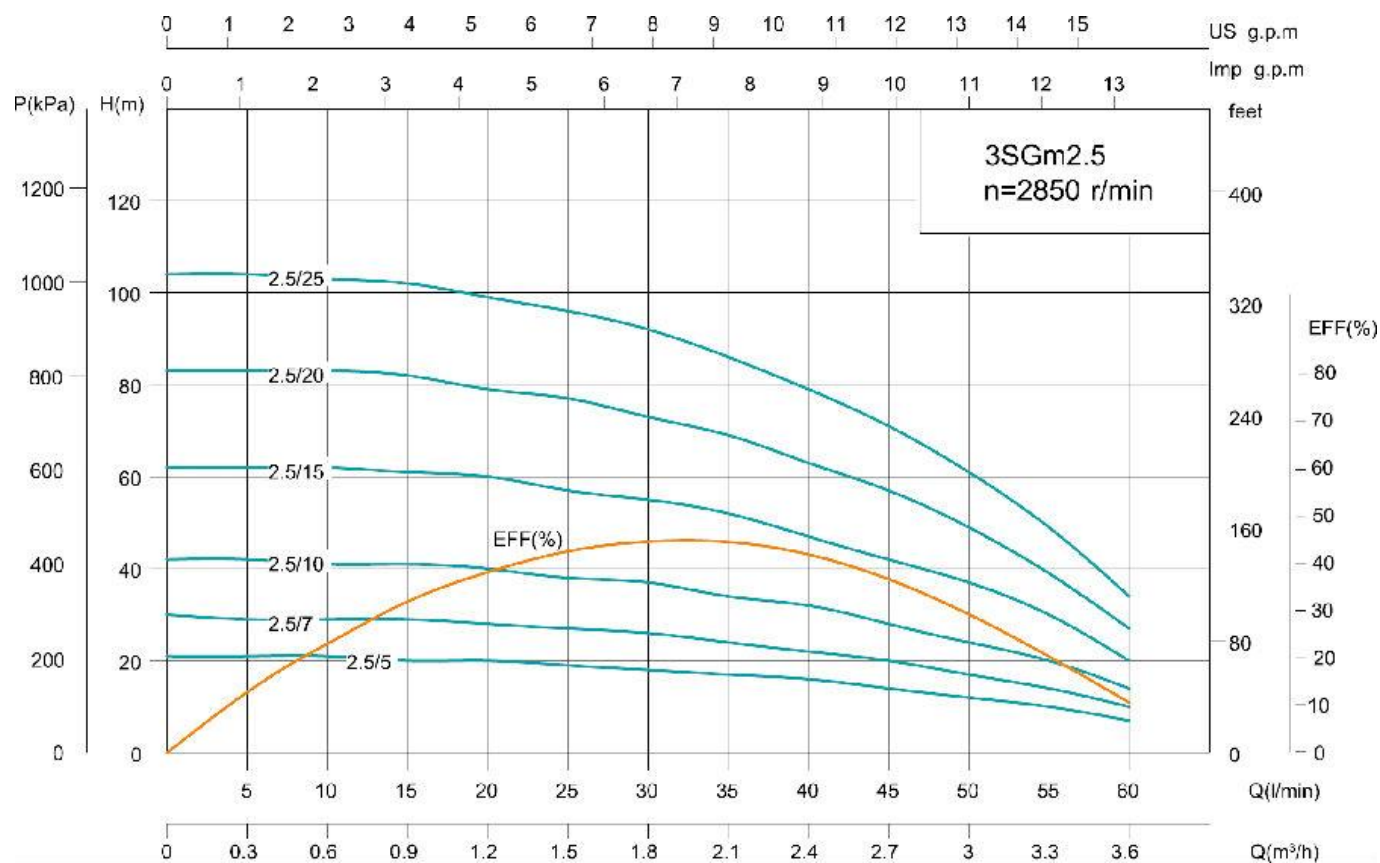
- Max. ambient temperature +40°C
- Sand content (in mass fraction) up to 0.01%
- Hydrogen sulfide content up to 1.5mg/L, chloride ion content up to 400mg/L
- pH 6.5 to 8.5
- Maximum 70mtr below the static water table

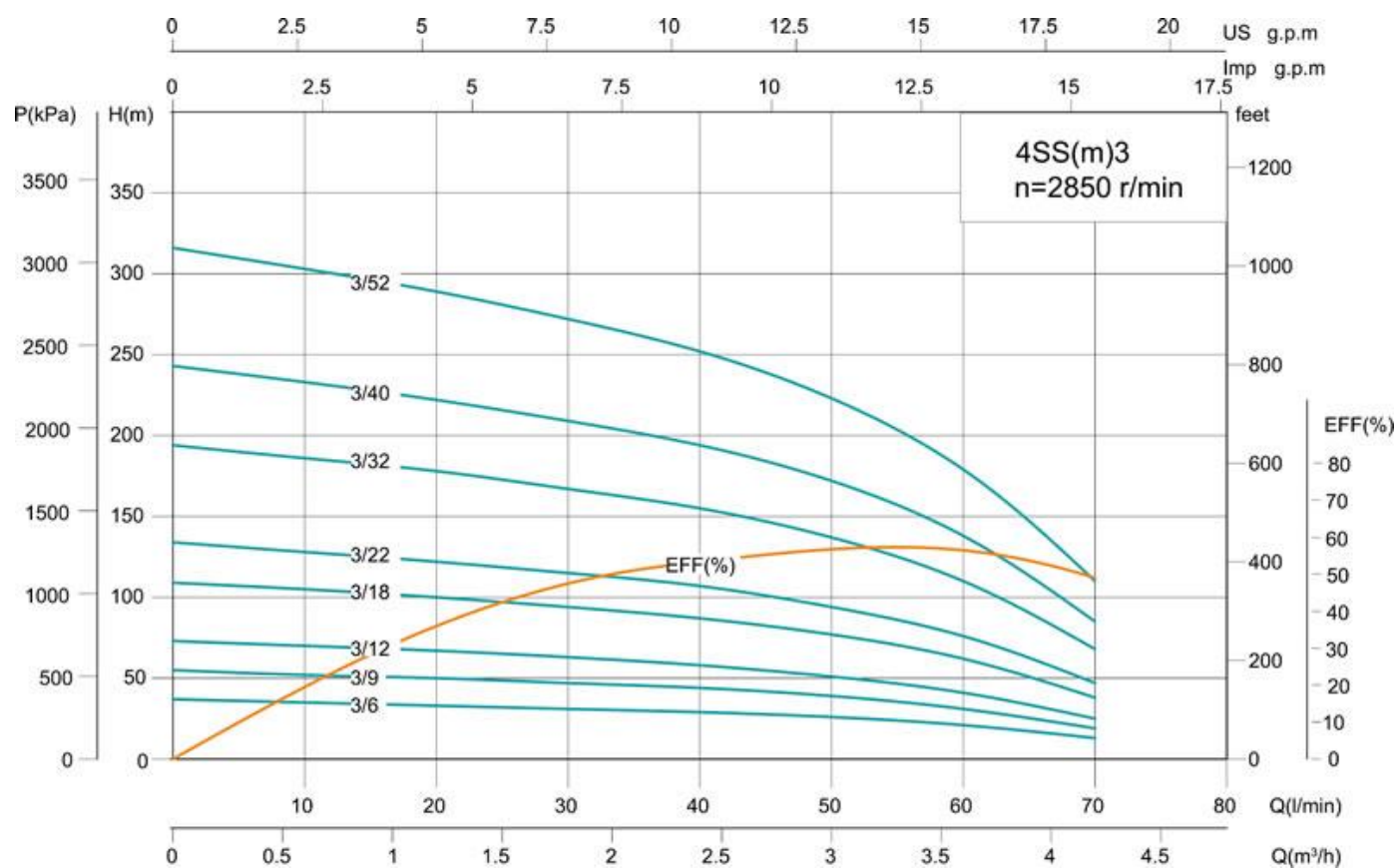
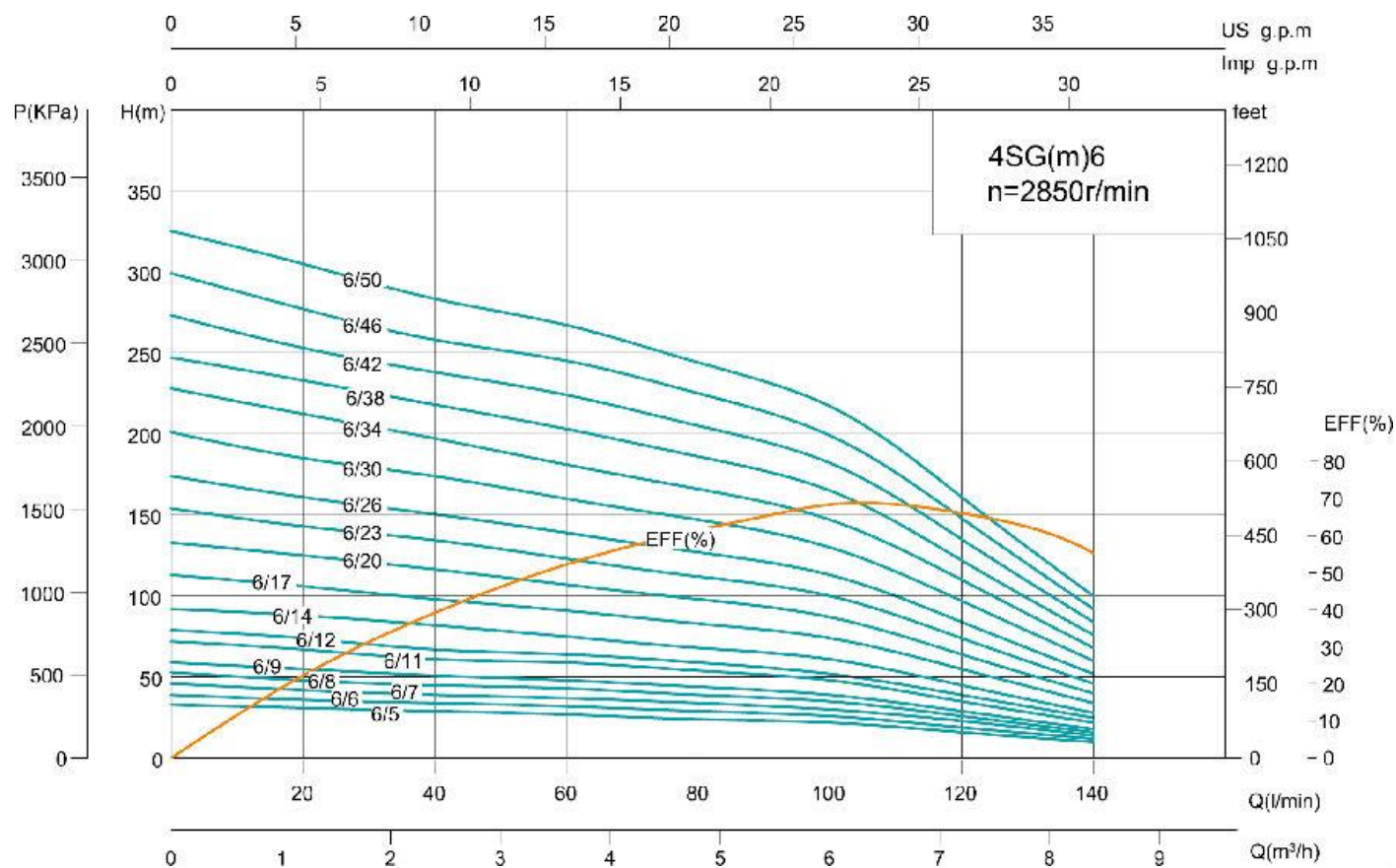
### Features

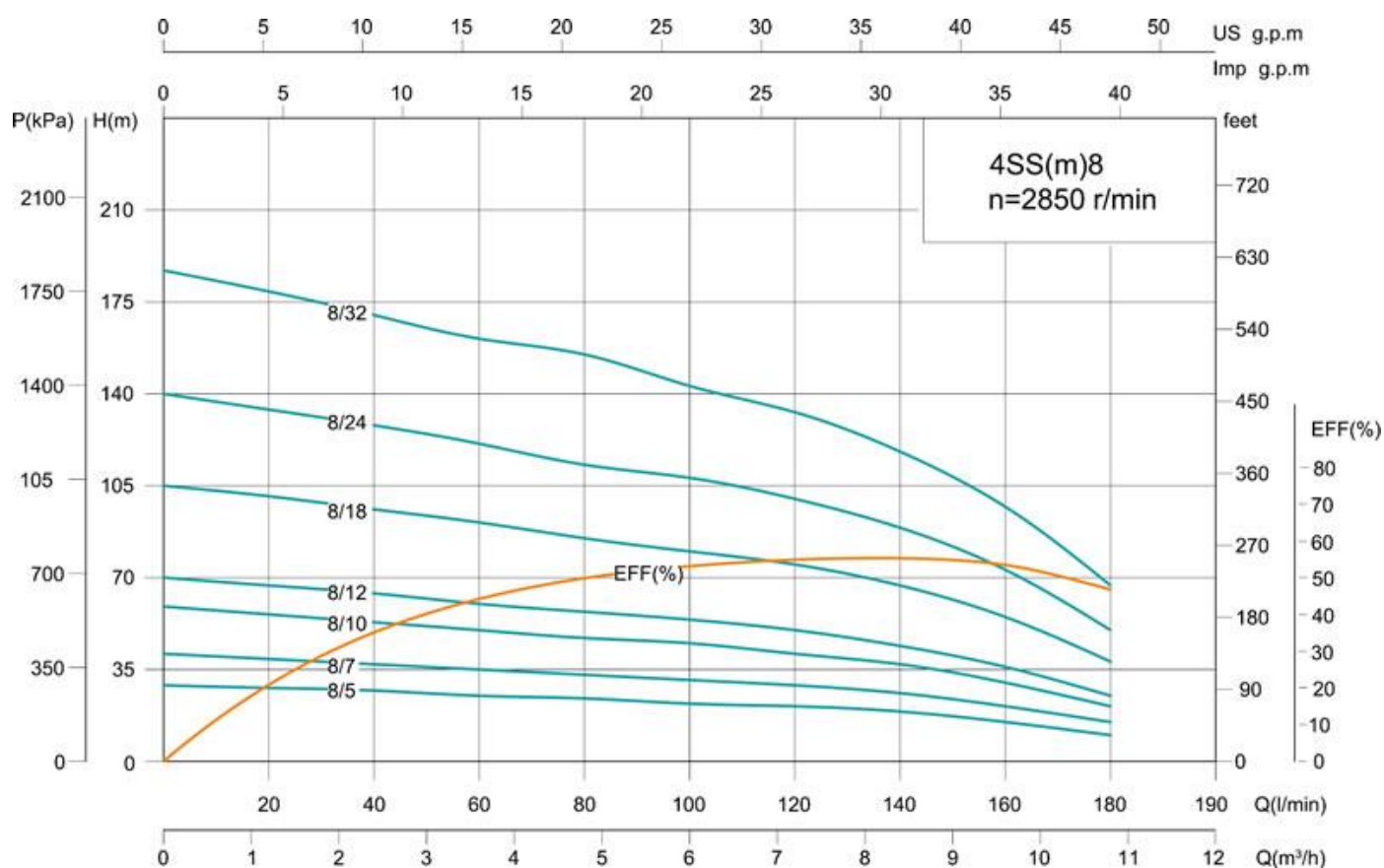
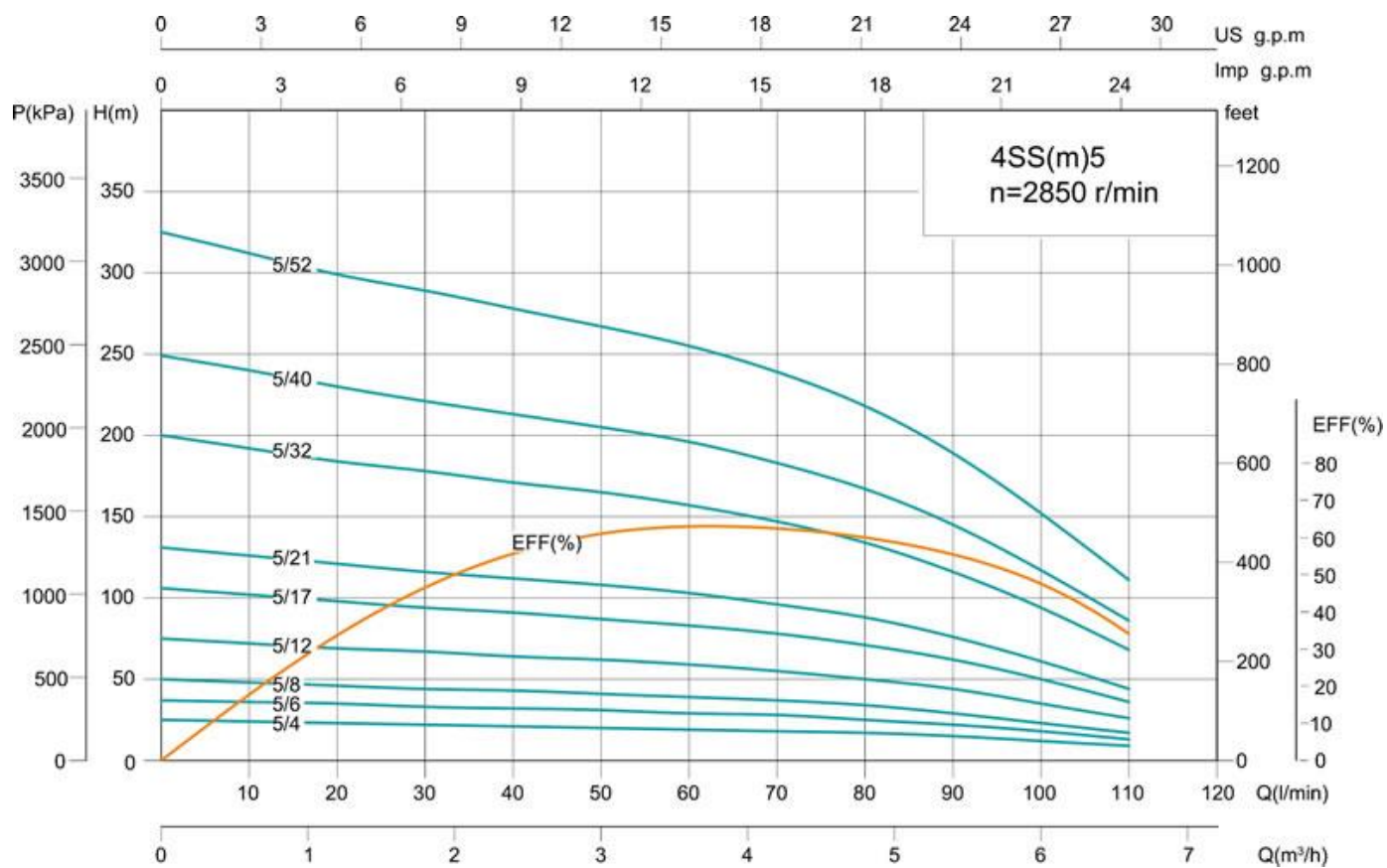
- Edible oil filled motor, stable & reliable running with pressure regulating membrane
- Single phase motor equipped with starting box which with built in capacitor & current mode thermal protector, convenient for replacement
- Available with cable with a motor plug, disassemble conveniently
- Pump silve with screw thread, single stage floating impellers
- Available with stainless steel pump head, effective against the corrosion and abrasive water for 4SS(m) model

4 SS (m) 2/6









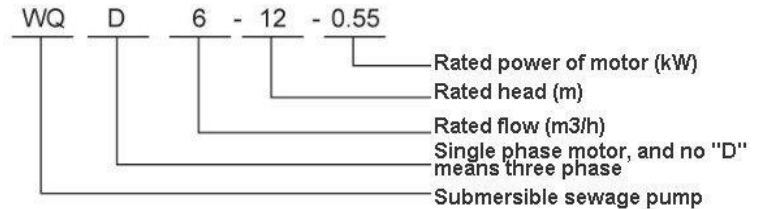
## SHIMGE® Submersible Pumps for Dirty Water



WQ(D) 1 hp



WQ(D) 1.5 - 10 HP

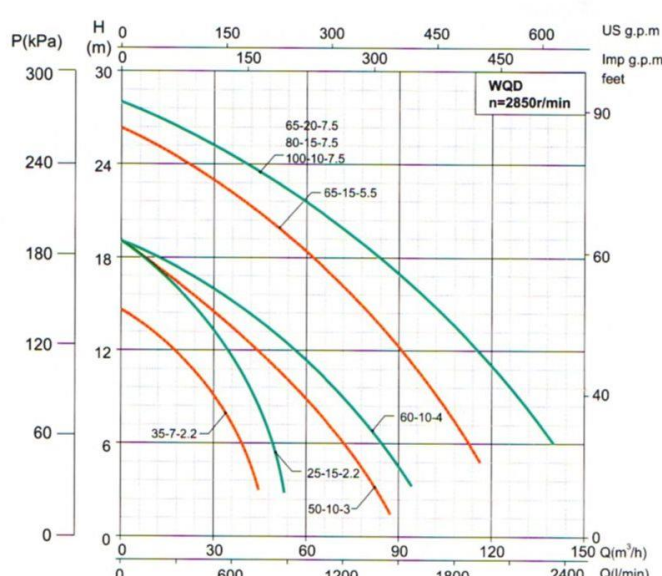
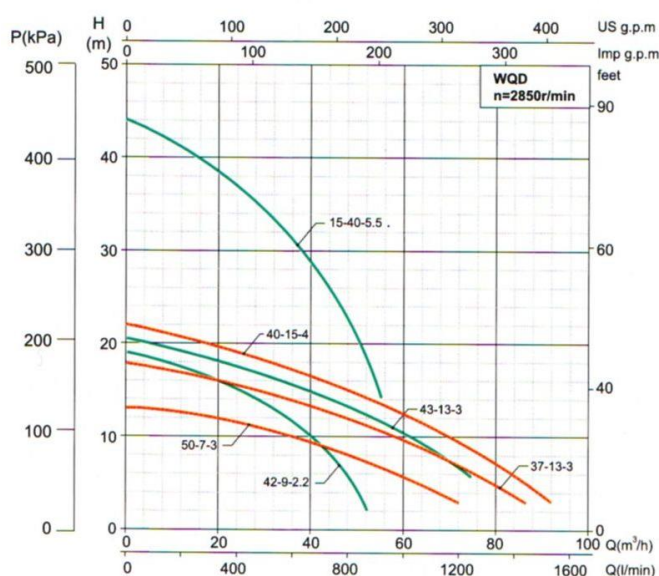
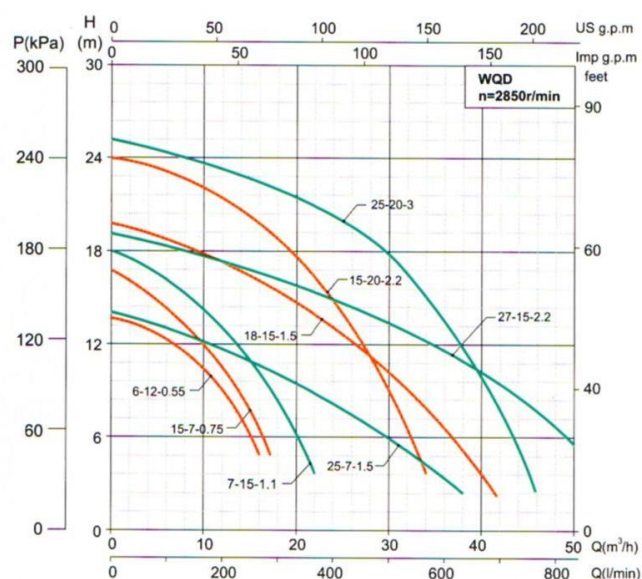
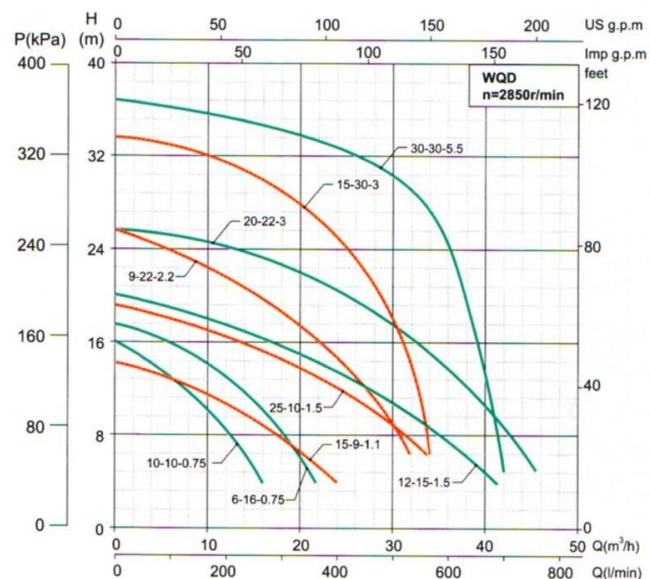


| Model        | Outlet Dia. (inch) | Power (HP) | Current (V) | Solids Passage (mm) | Max. Flow (L/min) | Max. Head (m) | G.W. (kg) |
|--------------|--------------------|------------|-------------|---------------------|-------------------|---------------|-----------|
| WQD6-16-0.75 | 1.5"               | 1          | 240         | 20                  | 367               | 18            | 22        |
| WQD7-15-1.1  | 1.5"               | 1.5        | 240         | 20                  | 367               | 18            | 31        |
| WQD15-9-1.1  | 2"                 | 1.5        | 240         | 20                  | 400               | 14            | 32        |
| WQ6-16-0.75  | 1.5"               | 1          | 415         | 20                  | 367               | 18            | 29        |
| WQ7-15-1.1   | 1.5"               | 1.5        | 415         | 20                  | 367               | 18            | 31        |
| WQ15-9-1.1   | 2"                 | 1.5        | 415         | 20                  | 400               | 14            | 32        |
| WQ25-7-1.5   | 2.5"               | 2          | 415         | 25                  | 633               | 14            | 39        |
| WQ43-13-3    | 3"                 | 4          | 415         | 25                  | 1250              | 21            | 68        |
| WQ60-10-4    | 4"                 | 5.5        | 415         | 43                  | 1583              | 19            | 83        |
| WQ65-15-5.5  | 4"                 | 7.5        | 415         | 30                  | 1933              | 26            | 103       |
| WQ80-15-7.5  | 4"                 | 10         | 415         | 30                  | 2333              | 28            | 128       |

### WQ(D) Submersible Pump for Dirty Water

- Ambient temperature: 0~40°C.
- pH level from 4-10
- Maximum liquid density 1.2x10<sup>3</sup>kg/m<sup>3</sup>
- Immersion depth from 0.5m-5m. Equip with 8mtr cable.
- Stainless steel shaft extension, carbide double-sides mechanical seal. Double channel impeller, good flow capacity, excellent hydraulic performance.
- Suitable for draining water containing particles such as short fibers, paper scraps, etc. Soft solid such as muddy water, dirty water, domestic wastewater, sewage, manure, etc.

| Model        | Outlet Dia. (inch) | Rated Flow (L/min) | Rated Head (m) |
|--------------|--------------------|--------------------|----------------|
| WQD6-16-0.75 | 1.5"               | 100                | 16             |
| WQD7-15-1.1  | 1.5"               | 117                | 15             |
| WQD15-9-1.1  | 2"                 | 250                | 9              |
| WQ6-16-0.75  | 1.5"               | 267                | 16             |
| WQ7-15-1.1   | 1.5"               | 117                | 15             |
| WQ15-9-1.1   | 2"                 | 250                | 9              |
| WQ25-7-1.5   | 2.5"               | 417                | 7              |
| WQ43-13-3    | 3"                 | 717                | 13             |
| WQ60-10-4    | 4"                 | 1000               | 10             |
| WQ65-15-5.5  | 4"                 | 1083               | 15             |
| WQ80-15-7.5  | 4"                 | 1333               | 15             |



## SHIMGE® Pumps Accessories

|              |                  |     |             |        |                                                                                       |
|--------------|------------------|-----|-------------|--------|---------------------------------------------------------------------------------------|
| PS-01/DSK-01 | Water Proof IP65 | 10A | 1" x 1"     | 220.00 |  |
|              |                  |     |             |        |                                                                                       |
| DSK-9.1      | Water Proof IP65 | 30A | 1.25"x1.25" | 360.00 |  |
|              |                  |     |             |        |                                                                                       |
| 3-Way        | Brass Valve      |     | 1" x 1"     | 22.00  |  |
|              |                  |     |             |        |                                                                                       |
| 5-Way        | Brass Valve      |     | 1" x 1"     | 32.00  |  |
|              |                  |     |             |        |                                                                                       |
| PS-01A       | Water Proof IP65 | 10A | 1" x 1"     | 220.00 |  |
|              |                  |     |             |        |                                                                                       |

## SHIMGE® QDY-K2 Multistage Submersible Pumps WVS(D) Submersible Steel Submersible Sewage Pumps



QDY-K2



WVS(D)



WVS(D)A2



F – Float Switch

| Model            | Outlet Dia. (inch) | Power (HP) | Current (V) | Head Range (m) | Max. Flow (L/min) | Max. Head (m) | G.W. (kg) |
|------------------|--------------------|------------|-------------|----------------|-------------------|---------------|-----------|
| QDY3-30/2-0.75K2 | 1"                 | 1          | 240         | 0-36           | 83                | 38            | 27        |
| QDY3-45/3-1.1K2  | 1"                 | 1.5        | 240         | 0-54           | 83                | 55            | 30        |
| QDY10-30/3-1.5K2 | 2"                 | 2          | 240         | 20-38          | 350               | 39            | 34        |
| QDY10-40/4-1.8K2 | 2"                 | 2.4        | 240         | 0-52           | 350               | 52            | 42        |
| WVSD75A2F        | 2"                 | 1          | 240         | 5-9            | 333               | 15            | 19        |
| WVSD75F          | 2"                 | 1          | 240         | 5-9            | 350               | 12            | 19        |
| WVSD110F         | 2"                 | 1.5        | 240         | 5-9            | 450               | 13            | 23        |
| WVS75            | 2"                 | 1          | 415         | 5-9            | 350               | 12            | 18.5      |
| WVS110           | 2"                 | 1.5        | 415         | 5-9            | 450               | 12            | 21        |

### QDY-K2 Multistage Submersible Pumps

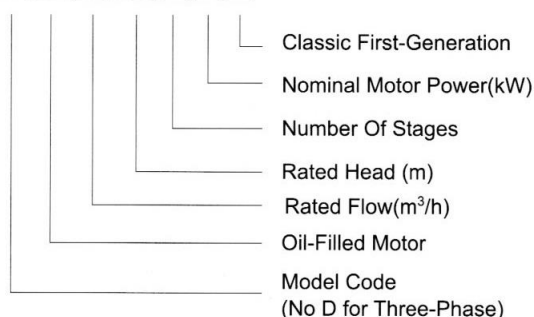
- Ambient temperature: 0~40°C.
- pH level from 6.5-8.5
- Maximum sand content is 0.1%. Passage of suspended solids up to 0.2mm
- Immersion depth from 0.5m-70m
- Oil well pump motor structure, portable and durable.
- The impeller and flow components are of engineering plastics which apply to use in seawater.
- High head, multistage centrifugal pump. Equip with 15mtr cable.

### WVS(D) / WVS(D)A2 Submersible Steel Submersible Sewage Pumps

- Ambient temperature: 0~40°C.
- pH level from 4-10
- Maximum liquid density  $1.2 \times 10^3 \text{ kg/m}^3$
- Immersion depth from 0.5m-5m
- Stainless Steel casing and rod bolts. Equip with 5mtr cable.
- Opening impeller with good flow ability.
- The stainless steel shaft extension, carbide double sides mechanical sealing.

#### Model Instruction

QD Y 3 45 / 3 1.1 K2



#### Model Instruction

WVSD 55 A2 F

