



XBD-GJ Long Shaft Vertical Turbine Pump



Product Overview

The turbine fire pump consists of multiple centrifugal impellers, guide sleeves, water pipes, transmission shafts, pump seat motors, and other components. The pump seat and motor are located above the water tank, and the power of the motor is transmitted to the impeller shaft through a transmission shaft concentric with the water pipe, thereby generating flow and pressure.

Application

Mainly used for fire hydrant fire extinguishing, automatic sprinkler fire extinguishing and other fire extinguishing systems in industrial and mining enterprises, engineering construction, and high-rise buildings as well as buildings, municipal water supply and drainage, etc.

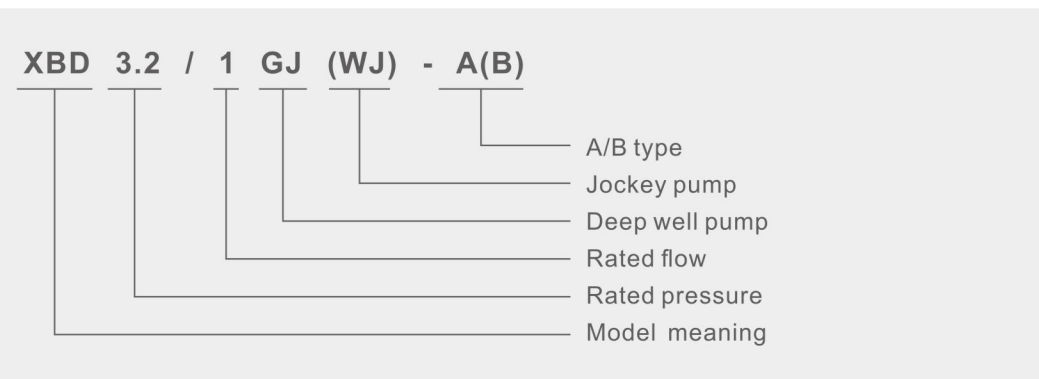
Operating Condition

1. Generally non-corrosive clean water.
2. The solid content in water (by weight) is not more than 0.01%
3. The pH value is within the range of 6.5-8.5
4. The hydrogen sulfide content is not more than 1.5 mg/L
5. The water temperature should not be higher than 40°C

Performance Range

Flow: 5-110L/s
 Head: 32-200m
 Power: 3-200kW
 RPM: 2900/1450 r/min

Model Definition



Instruction

The turbine fire pump consists of three parts: the working portion, the water pipe portion, and the surface portion.

1. The working portion

This part consists of working parts and water filter parts.

The working parts are composed of guide shell, impeller, tapered sleeve, shell bearing, impeller shaft and other parts, and the impeller is a closed structure. The shells are connected by bolts.

Wear rings can be equipped on the guide shell and impeller.

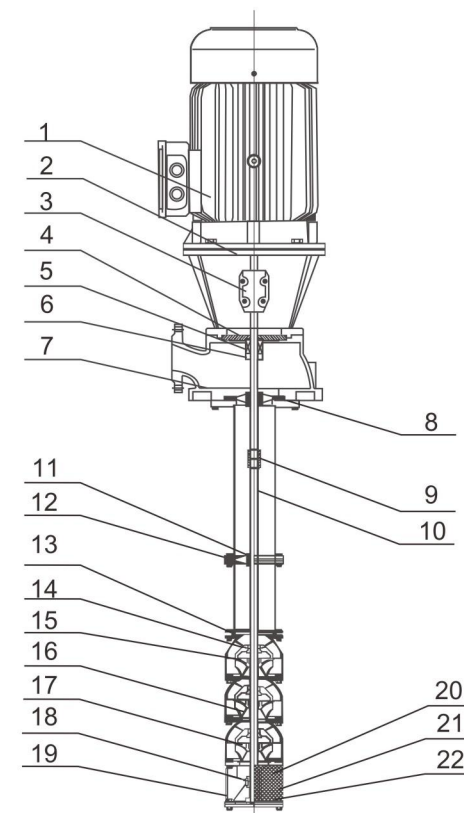
2. Water pipe portion

This part is composed of water pipes, drive shafts, couplings and bracket components.

The water pipe is connected by flange, and the transmission shaft material is 2Cr13 or stainless steel.

3. Surface portion

Part is composed of pump base components, motor, motor bracket, coupling and other components.



Material Description

| No. | Item | Material |
|-----|----------------------|---------------------|
| 1 | Motor | Subassembly |
| 2 | Motor support | QT400-18 |
| 3 | Coupling | ZG235-150 |
| 4 | Seal cover | QT100-18 |
| 5 | Mechanical seal | Carbon-SiC-NBR |
| 6 | Seal holder | ZG235-450 |
| 7 | Outlet | QT400-18 |
| 8 | Pump bracket | QT400-18 |
| 9 | Coupling | ZG235-150 |
| 10 | Shaft | 20Cr13 |
| 11 | Support bearing | QT450 |
| 12 | Bracket | QT100-18 |
| 13 | Top bowl | QT100-18 |
| 14 | Bearing-bowl | Rubber |
| 15 | Dish bowl | 20Cr13 |
| 16 | Impeller | 06Cr19ni10 |
| 17 | Middle bowl | QT400-18 |
| 18 | Bearing | Rubber |
| 19 | Suction bell | QT100-18 |
| 20 | Filter | 06Cr19ni10 |
| 21 | Thrust disc | 20Cr13 |
| 22 | Forward thrust plate | A mixture of teflon |

Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|---------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD3.2/3WJ-A | 50 | 3 | 0.32 | 2900 | 2.2 |
| XBD4.0/3WJ-A | 50 | 3 | 0.40 | 2900 | 3 |
| XBD5.0/3WJ-A | 50 | 3 | 0.50 | 2900 | 4 |
| XBD6.0/3WJ-A | 50 | 3 | 0.60 | 2900 | 4 |
| XBD7.0/3WJ-A | 50 | 3 | 0.70 | 2900 | 5.5 |
| XBD8.0/3WJ-A | 50 | 3 | 0.80 | 2900 | 5.5 |
| XBD9.0/3WJ-A | 50 | 3 | 0.90 | 2900 | 5.5 |
| XBD10.0/3WJ-A | 50 | 3 | 1.00 | 2900 | 7.5 |
| XBD12.0/3WJ-A | 50 | 3 | 1.20 | 2900 | 7.5 |
| XBD13.0/3WJ-A | 50 | 3 | 1.30 | 2900 | 11 |
| XBD15.0/3WJ-A | 50 | 3 | 1.50 | 2900 | 11 |
| XBD16.0/3WJ-A | 50 | 3 | 1.60 | 2900 | 15 |
| XBD17.0/3WJ-A | 50 | 3 | 1.70 | 2900 | 15 |
| XBD20.3/3WJ-A | 50 | 3 | 2.03 | 2900 | 15 |
| XBD3.2/5WJ-A | 50 | 5 | 0.32 | 2900 | 4 |
| XBD4.0/5WJ-A | 50 | 5 | 0.40 | 2900 | 4 |
| XBD4.5/5WJ-A | 50 | 5 | 0.45 | 2900 | 5.5 |
| XBD5.0/5WJ-A | 50 | 5 | 0.50 | 2900 | 5.5 |
| XBD5.5/5WJ-A | 50 | 5 | 0.55 | 2900 | 5.5 |
| XBD6.0/5WJ-A | 50 | 5 | 0.60 | 2900 | 5.5 |
| XBD6.5/5WJ-A | 50 | 5 | 0.65 | 2900 | 7.5 |
| XBD7.0/5WJ-A | 50 | 5 | 0.70 | 2900 | 7.5 |
| XBD7.5/5WJ-A | 50 | 5 | 0.75 | 2900 | 7.5 |
| XBD8.0/5WJ-A | 50 | 5 | 0.80 | 2900 | 7.5 |
| XBD8.5/5WJ-A | 50 | 5 | 0.85 | 2900 | 7.5 |
| XBD9.0/5WJ-A | 50 | 5 | 0.90 | 2900 | 11 |
| XBD9.5/5WJ-A | 50 | 5 | 0.95 | 2900 | 11 |
| XBD10.0/5WJ-A | 50 | 5 | 1.00 | 2900 | 11 |
| XBD11.0/5WJ-A | 50 | 5 | 1.10 | 2900 | 11 |
| XBD12.0/5WJ-A | 50 | 5 | 1.20 | 2900 | 15 |
| XBD13.0/5WJ-A | 50 | 5 | 1.30 | 2900 | 15 |
| XBD14.0/5WJ-A | 50 | 5 | 1.40 | 2900 | 15 |
| XBD15.0/5WJ-A | 50 | 5 | 1.50 | 2900 | 15 |
| XBD16.0/5WJ-A | 50 | 5 | 1.60 | 2900 | 18.5 |
| XBD18.2/5WJ-A | 50 | 5 | 1.82 | 2900 | 18.5 |
| XBD3.2/5GJ-A | 50 | 5 | 0.32 | 2900 | 4 |
| XBD4.2/5GJ-A | 50 | 5 | 0.42 | 2900 | 5.5 |
| XBD5.1/5GJ-A | 50 | 5 | 0.51 | 2900 | 5.5 |
| XBD5.6/5GJ-A | 50 | 5 | 0.56 | 2900 | 7.5 |
| XBD6.0/5GJ-A | 50 | 5 | 0.60 | 2900 | 7.5 |
| XBD7.0/5GJ-A | 50 | 5 | 0.70 | 2900 | 7.5 |
| XBD8.0/5GJ-A | 50 | 5 | 0.80 | 2900 | 11 |

Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|----------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD9.8/5GJ-A | 50 | 5 | 0.98 | 2900 | 11 |
| XBD10.4/5GJ-A | 50 | 5 | 1.04 | 2900 | 11 |
| XBD11.0/5GJ-A | 50 | 5 | 1.10 | 2900 | 15 |
| XBD12.6/5GJ-A | 50 | 5 | 1.26 | 2900 | 15 |
| XBD13.0/5GJ-A | 50 | 5 | 1.30 | 2900 | 15 |
| XBD14.5/5GJ-A | 50 | 5 | 1.45 | 2900 | 15 |
| XBD16.5/5GJ-A | 50 | 5 | 1.65 | 2900 | 18.5 |
| XBD3.0/10GJ-A | 100 | 10 | 0.3 | 2900 | 7.5 |
| XBD4.2/10GJ-A | 100 | 10 | 0.42 | 2900 | 11 |
| XBD5.0/10GJ-A | 100 | 10 | 0.50 | 2900 | 11 |
| XBD5.3/10GJ-A | 100 | 10 | 0.53 | 2900 | 11 |
| XBD6.7/10GJ-A | 100 | 10 | 0.67 | 2900 | 15 |
| XBD8.1/10GJ-A | 100 | 10 | 0.81 | 2900 | 15 |
| XBD9.1/10GJ-A | 100 | 10 | 0.91 | 2900 | 18.5 |
| XBD10.0/10GJ-A | 100 | 10 | 1.00 | 2900 | 18.5 |
| XBD11.2/10GJ-A | 100 | 10 | 1.12 | 2900 | 22 |
| XBD12.0/10GJ-A | 100 | 10 | 1.20 | 2900 | 30 |
| XBD13.0/10GJ-A | 100 | 10 | 1.30 | 2900 | 22 |
| XBD13.7/10GJ-A | 100 | 10 | 1.37 | 2900 | 22 |
| XBD14.3/10GJ-A | 100 | 10 | 1.43 | 2900 | 30 |
| XBD16.5/10GJ-A | 100 | 10 | 1.65 | 2900 | 30 |
| XBD18.5/10GJ-A | 100 | 10 | 1.85 | 2900 | 37 |
| XBD6.4/15GJ-A | 100 | 15 | 0.64 | 2900 | 18.5 |
| XBD7.8/15GJ-A | 100 | 15 | 0.78 | 2900 | 18.5 |
| XBD9.2/15GJ-A | 100 | 15 | 0.92 | 2900 | 22 |
| XBD9.0/15GJ-A | 100 | 15 | 0.90 | 2900 | 30 |
| XBD10.6/15GJ-A | 100 | 15 | 1.06 | 2900 | 30 |
| XBD13.0/15GJ-A | 100 | 15 | 1.30 | 2900 | 37 |
| XBD13.4/15GJ-A | 100 | 15 | 1.34 | 2900 | 37 |
| XBD14.8/15GJ-A | 100 | 15 | 1.48 | 2900 | 45 |
| XBD15.0/15GJ-A | 100 | 15 | 1.50 | 2900 | 45 |
| XBD16.0/15GJ-A | 100 | 15 | 1.60 | 2900 | 45 |
| XBD3.4/20GJ-A | 100 | 20 | 0.34 | 2900 | 11 |
| XBD4.5/20GJ-A | 100 | 20 | 0.45 | 2900 | 15 |
| XBD5.0/20GJ-A | 100 | 20 | 0.50 | 2900 | 18.5 |
| XBD5.6/20GJ-A | 100 | 20 | 0.56 | 2900 | 22 |
| XBD6.0/20GJ-A | 100 | 20 | 0.60 | 2900 | 22 |
| XBD6.5/20GJ-A | 100 | 20 | 0.65 | 2900 | 22 |
| XBD7.5/20GJ-A | 100 | 20 | 0.75 | 2900 | 30 |
| XBD8.0/20GJ-A | 100 | 20 | 0.80 | 2900 | 30 |
| XBD9.4/20GJ-A | 100 | 20 | 0.94 | 2900 | 37 |
| XBD10.0/20GJ-A | 100 | 20 | 1.00 | 2900 | 37 |

Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|----------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD11.0/20GJ-A | 100 | 20 | 1.10 | 2900 | 37 |
| XBD12.7/20GJ-A | 100 | 20 | 1.27 | 2900 | 45 |
| XBD14.0/20GJ-A | 100 | 20 | 1.40 | 2900 | 55 |
| XBD16.0/20GJ-A | 100 | 20 | 1.60 | 2900 | 75 |
| XBD4.5/25GJ-A | 100 | 25 | 0.45 | 2900 | 18.5 |
| XBD5.5/25GJ-A | 100 | 25 | 0.55 | 2900 | 22 |
| XBD6.5/25GJ-A | 100 | 25 | 0.65 | 2900 | 30 |
| XBD7.5/25GJ-A | 100 | 25 | 0.75 | 2900 | 37 |
| XBD8.5/25GJ-A | 100 | 25 | 0.85 | 2900 | 37 |
| XBD9.0/25GJ-A | 100 | 25 | 0.90 | 2900 | 45 |
| XBD9.5/25GJ-A | 100 | 25 | 0.95 | 2900 | 45 |
| XBD10.5/25GJ-A | 100 | 25 | 1.05 | 2900 | 45 |
| XBD11.5/25GJ-A | 100 | 25 | 1.15 | 2900 | 55 |
| XBD12.0/25GJ-A | 100 | 25 | 1.20 | 2900 | 55 |
| XBD12.5/25GJ-A | 100 | 25 | 1.25 | 2900 | 55 |
| XBD13.0/25GJ-A | 100 | 25 | 1.30 | 2900 | 75 |
| XBD13.5/25GJ-A | 100 | 25 | 1.35 | 2900 | 75 |
| XBD14.5/25GJ-A | 100 | 25 | 1.45 | 2900 | 75 |
| XBD15.0/25GJ-A | 100 | 25 | 1.50 | 2900 | 90 |
| XBD15.5/25GJ-A | 100 | 25 | 1.55 | 2900 | 90 |
| XBD16.0/25GJ-A | 100 | 25 | 1.60 | 2900 | 75 |
| XBD17.3/25GJ-A | 100 | 25 | 1.73 | 2900 | 110 |
| XBD3.6/30GJ-A | 100 | 30 | 0.36 | 2900 | 18.5 |
| XBD4.0/30GJ-A | 100 | 30 | 0.40 | 2900 | 22 |
| XBD4.5/30GJ-A | 100 | 30 | 0.45 | 2900 | 22 |
| XBD5.0/30GJ-A | 100 | 30 | 0.50 | 2900 | 30 |
| XBD5.5/30GJ-A | 100 | 30 | 0.55 | 2900 | 30 |
| XBD6.0/30GJ-A | 100 | 30 | 0.60 | 2900 | 30 |
| XBD7.5/30GJ-A | 100 | 30 | 0.75 | 2900 | 37 |
| XBD8.5/30GJ-A | 100 | 30 | 0.85 | 2900 | 45 |
| XBD9.0/30GJ-A | 100 | 30 | 0.90 | 2900 | 45 |
| XBD10.0/30GJ-A | 100 | 30 | 1.00 | 2900 | 55 |
| XBD11.0/30GJ-A | 100 | 30 | 1.10 | 2900 | 55 |
| XBD11.3/30GJ-A | 100 | 30 | 1.13 | 2900 | 55 |
| XBD12.0/30GJ-A | 100 | 30 | 1.20 | 2900 | 75 |
| XBD12.5/30GJ-A | 100 | 30 | 1.25 | 2900 | 75 |
| XBD13.0/30GJ-A | 100 | 30 | 1.30 | 2900 | 75 |
| XBD13.5/30GJ-A | 100 | 30 | 1.35 | 2900 | 75 |
| XBD14.5/30GJ-A | 100 | 30 | 1.45 | 2900 | 90 |
| XBD15.0/30GJ-A | 100 | 30 | 1.50 | 2900 | 90 |
| XBD16.1/30GJ-A | 100 | 30 | 1.61 | 2900 | 90 |
| XBD17.0/30GJ-A | 100 | 30 | 1.70 | 2900 | 90 |

Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|----------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD3.2/35GJ-A | 150 | 35 | 0.32 | 2900 | 18.5 |
| XBD5.0/35GJ-A | 150 | 35 | 0.50 | 2900 | 30 |
| XBD6.2/35GJ-A | 150 | 35 | 0.62 | 2900 | 37 |
| XBD7.0/35GJ-A | 150 | 35 | 0.70 | 2900 | 45 |
| XBD8.8/35GJ-A | 150 | 35 | 0.88 | 2900 | 55 |
| XBD9.0/35GJ-A | 150 | 35 | 0.90 | 2900 | 55 |
| XBD10.0/35GJ-A | 150 | 35 | 1.00 | 2900 | 75 |
| XBD13.0/35GJ-A | 150 | 35 | 1.30 | 2900 | 90 |
| XBD13.5/35GJ-A | 150 | 35 | 1.35 | 2900 | 90 |
| XBD15.0/35GJ-A | 150 | 35 | 1.50 | 2900 | 110 |
| XBD16.0/35GJ-A | 150 | 35 | 1.60 | 2900 | 110 |
| XBD3.2/40GJ-A | 150 | 40 | 0.32 | 2900 | 22 |
| XBD4.0/40GJ-A | 150 | 40 | 0.40 | 2900 | 30 |
| XBD4.3/40GJ-A | 150 | 40 | 0.43 | 2900 | 30 |
| XBD5.5/40GJ-A | 150 | 40 | 0.55 | 2900 | 37 |
| XBD6.5/40GJ-A | 150 | 40 | 0.65 | 2900 | 45 |
| XBD7.5/40GJ-A | 150 | 40 | 0.75 | 2900 | 55 |
| XBD8.2/40GJ-A | 150 | 40 | 0.82 | 2900 | 55 |
| XBD9.2/40GJ-A | 150 | 40 | 0.92 | 2900 | 75 |
| XBD9.5/40GJ-A | 150 | 40 | 0.95 | 2900 | 75 |
| XBD10.5/40GJ-A | 150 | 40 | 1.05 | 2900 | 75 |
| XBD11.0/40GJ-A | 150 | 40 | 1.10 | 2900 | 75 |
| XBD11.5/40GJ-A | 150 | 40 | 1.15 | 2900 | 75 |
| XBD12.5/40GJ-A | 150 | 40 | 1.25 | 2900 | 90 |
| XBD13.5/40GJ-A | 150 | 40 | 1.35 | 2900 | 90 |
| XBD14.5/40GJ-A | 150 | 40 | 1.45 | 2900 | 110 |
| XBD15.0/40GJ-A | 150 | 40 | 1.50 | 2900 | 110 |
| XBD16.0/40GJ-A | 150 | 40 | 1.60 | 2900 | 110 |
| XBD17.0/40GJ-A | 150 | 40 | 1.70 | 2900 | 132 |
| XBD18.0/40GJ-A | 150 | 40 | 1.80 | 2900 | 132 |
| XBD5.0/45GJ-A | 150 | 45 | 0.50 | 2900 | 37 |
| XBD6.0/45GJ-A | 150 | 45 | 0.60 | 2900 | 45 |
| XBD7.0/45GJ-A | 150 | 45 | 0.70 | 2900 | 55 |
| XBD8.0/45GJ-A | 150 | 45 | 0.80 | 2900 | 55 |
| XBD9.0/45GJ-A | 150 | 45 | 0.90 | 2900 | 75 |
| XBD10.0/45GJ-A | 150 | 45 | 1.00 | 2900 | 75 |
| XBD12.0/45GJ-A | 150 | 45 | 1.20 | 2900 | 90 |
| XBD14.0/45GJ-A | 150 | 45 | 1.40 | 2900 | 110 |
| XBD14.3/45GJ-A | 150 | 45 | 1.43 | 2900 | 132 |
| XBD15.0/45GJ-A | 150 | 45 | 1.50 | 2900 | 132 |
| XBD16.0/45GJ-A | 150 | 45 | 1.60 | 2900 | 132 |
| XBD17.0/45GJ-A | 150 | 45 | 1.70 | 2900 | 132 |

Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|----------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD3.6/50GJ-A | 150 | 50 | 0.36 | 2900 | 30 |
| XBD4.2/50GJ-A | 150 | 50 | 0.42 | 2900 | 37 |
| XBD5.1/50GJ-A | 150 | 50 | 0.51 | 2900 | 45 |
| XBD6.0/50GJ-A | 150 | 50 | 0.60 | 2900 | 55 |
| XBD7.0/50GJ-A | 150 | 50 | 0.70 | 2900 | 55 |
| XBD8.4/50GJ-A | 150 | 50 | 0.84 | 2900 | 75 |
| XBD9.0/50GJ-A | 150 | 50 | 0.90 | 2900 | 75 |
| XBD11.0/50GJ-A | 150 | 50 | 1.10 | 2900 | 90 |
| XBD12.0/50GJ-A | 150 | 50 | 1.20 | 2900 | 110 |
| XBD12.8/50GJ-A | 150 | 50 | 1.28 | 2900 | 110 |
| XBD14.0/50GJ-A | 150 | 50 | 1.40 | 2900 | 132 |
| XBD4.2/60GJ-A | 150 | 60 | 0.42 | 2900 | 45 |
| XBD5.5/60GJ-A | 150 | 60 | 0.55 | 2900 | 55 |
| XBD6.7/60GJ-A | 150 | 60 | 0.67 | 2900 | 75 |
| XBD7.3/60GJ-A | 150 | 60 | 0.73 | 2900 | 75 |
| XBD8.1/60GJ-A | 150 | 60 | 0.81 | 2900 | 75 |
| XBD9.2/60GJ-A | 150 | 60 | 0.92 | 2900 | 90 |
| XBD10.8/60GJ-A | 150 | 60 | 1.08 | 2900 | 110 |
| XBD12.2/60GJ-A | 150 | 60 | 1.22 | 2900 | 132 |
| XBD13.0/60GJ-A | 150 | 60 | 1.30 | 2900 | 132 |
| XBD5.8/70GJ-A | 150 | 70 | 0.58 | 2900 | 75 |
| XBD7.0/70GJ-A | 150 | 70 | 0.70 | 2900 | 90 |
| XBD7.8/70GJ-A | 150 | 70 | 0.78 | 2900 | 90 |
| XBD9.4/70GJ-A | 150 | 70 | 0.94 | 2900 | 110 |
| XBD10.4/70GJ-A | 150 | 70 | 1.04 | 2900 | 132 |
| XBD11.0/70GJ-A | 150 | 70 | 1.10 | 2900 | 132 |
| XBD12.0/70GJ-A | 150 | 70 | 1.20 | 2900 | 160 |
| XBD13.0/70GJ-A | 150 | 70 | 1.30 | 2900 | 160 |
| XBD4.5/80GJ-B | 200 | 80 | 0.45 | 1450 | 55 |
| XBD5.0/80GJ-B | 200 | 80 | 0.50 | 1450 | 75 |
| XBD6.0/80GJ-B | 200 | 80 | 0.6 | 1450 | 75 |
| XBD6.5/80GJ-B | 200 | 80 | 0.65 | 1450 | 90 |
| XBD7.0/80GJ-B | 200 | 80 | 0.70 | 1450 | 90 |
| XBD8.0/80GJ-B | 200 | 80 | 0.80 | 1450 | 110 |
| XBD8.2/80GJ-B | 200 | 80 | 0.82 | 1450 | 110 |
| XBD9.0/80GJ-B | 200 | 80 | 0.9 | 1450 | 110 |
| XBD9.5/80GJ-B | 200 | 80 | 0.95 | 1450 | 132 |
| XBD9.8/80GJ-B | 200 | 80 | 0.98 | 1450 | 132 |
| XBD10.0/80GJ-B | 200 | 80 | 1.00 | 1450 | 132 |
| XBD10.5/80GJ-B | 200 | 80 | 1.05 | 1450 | 160 |
| XBD11.0/80GJ-B | 200 | 80 | 1.10 | 1450 | 160 |
| XBD11.5/80GJ-B | 200 | 80 | 1.15 | 1450 | 160 |

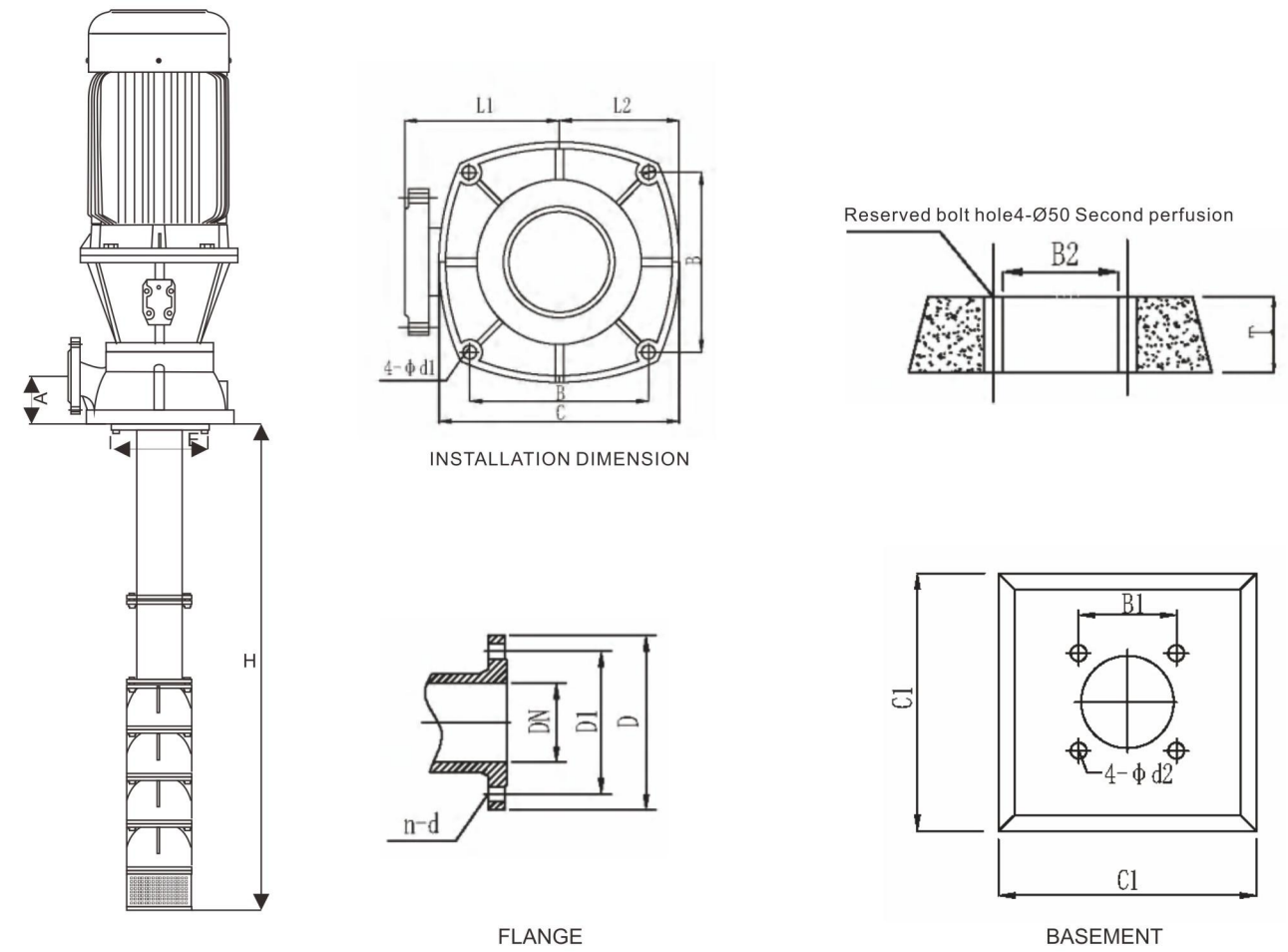
Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|-----------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD6.5/85GJ-B | 200 | 85 | 0.65 | 1450 | 90 |
| XBD9.0/85GJ-B | 200 | 85 | 0.9 | 1450 | 132 |
| XBD5.0/90GJ-B | 200 | 90 | 0.50 | 1450 | 75 |
| XBD6.0/90GJ-B | 200 | 90 | 0.60 | 1450 | 90 |
| XBD7.0/90GJ-B | 200 | 90 | 0.70 | 1450 | 110 |
| XBD8.0/90GJ-B | 200 | 90 | 0.80 | 1450 | 132 |
| XBD9.0/90GJ-B | 200 | 90 | 0.90 | 1450 | 132 |
| XBD10.0/90GJ-B | 200 | 90 | 1.00 | 1450 | 160 |
| XBD11.0/90GJ-B | 200 | 90 | 1.10 | 1450 | 160 |
| XBD4.5/100GJ-B | 200 | 100 | 0.45 | 1450 | 75 |
| XBD5.5/100GJ-B | 200 | 100 | 0.55 | 1450 | 90 |
| XBD6.5/100GJ-B | 200 | 100 | 0.65 | 1450 | 110 |
| XBD7.0/100GJ-B | 200 | 100 | 0.70 | 1450 | 110 |
| XBD7.6/100GJ-B | 200 | 100 | 0.76 | 1450 | 132 |
| XBD8.0/100GJ-B | 200 | 100 | 0.80 | 1450 | 132 |
| XBD9.0/100GJ-B | 200 | 100 | 0.90 | 1450 | 160 |
| XBD10.0/100GJ-B | 200 | 100 | 1.00 | 1450 | 160 |
| XBD7.5/105GJ-B | 200 | 105 | 0.75 | 1450 | 132 |
| XBD3.6/110GJ-B | 200 | 110 | 0.36 | 1450 | 75 |
| XBD4.5/110GJ-B | 200 | 110 | 0.45 | 1450 | 75 |
| XBD5.1/110GJ-B | 200 | 110 | 0.51 | 1450 | 90 |
| XBD6.3/110GJ-B | 200 | 110 | 0.63 | 1450 | 110 |
| XBD7.2/110GJ-B | 200 | 110 | 0.72 | 1450 | 132 |
| XBD8.1/110GJ-B | 200 | 110 | 0.81 | 1450 | 160 |
| XBD8.5/110GJ-B | 200 | 110 | 0.85 | 1450 | 160 |
| XBD11.0/110GJ-B | 200 | 110 | 1.1 | 1450 | 200 |
| XBD12.0/110GJ-B | 200 | 110 | 1.2 | 1450 | 220 |
| XBD4.0/120GJ-B | 200 | 120 | 0.4 | 1450 | 75 |
| XBD5.2/120GJ-B | 200 | 120 | 0.52 | 1450 | 110 |
| XBD6.4/120GJ-B | 200 | 120 | 0.64 | 1450 | 132 |
| XBD7.6/120GJ-B | 200 | 120 | 0.76 | 1450 | 160 |
| XBD8.8/120GJ-B | 200 | 120 | 0.88 | 1450 | 185 |
| XBD10.0/120GJ-B | 200 | 120 | 1 | 1450 | 200 |
| XBD11.2/120GJ-B | 200 | 120 | 1.12 | 1450 | 220 |
| XBD3.3/130GJ-B | 250 | 130 | 0.33 | 1450 | 75 |
| XBD5.4/130GJ-B | 250 | 130 | 0.54 | 1450 | 110 |
| XBD8.1/130GJ-B | 250 | 130 | 0.81 | 1450 | 160 |
| XBD10.8/130GJ-B | 250 | 130 | 1.08 | 1450 | 220 |
| XBD3.2/140GJ-B | 250 | 140 | 0.32 | 1450 | 75 |
| XBD5.2/140GJ-B | 250 | 140 | 0.52 | 1450 | 110 |
| XBD7.8/140GJ-B | 250 | 140 | 0.78 | 1450 | 185 |
| XBD10.4/140GJ-B | 250 | 140 | 1.04 | 1450 | 220 |

Performance Parameter

| Model | Outlet | Rated flow | Rated pressure | Rated speed | Power |
|-----------------|--------|------------|----------------|-------------|-------|
| | mm | L/s | MPa | r/min | kW |
| XBD3.2/150GJ-B | 250 | 150 | 0.32 | 1450 | 75 |
| XBD5.0/150GJ-B | 250 | 150 | 0.5 | 1450 | 132 |
| XBD7.5/150GJ-B | 250 | 150 | 0.75 | 1450 | 185 |
| XBD3.0/160GJ-B | 250 | 160 | 0.3 | 1450 | 75 |
| XBD4.8/160GJ-B | 250 | 160 | 0.48 | 1450 | 132 |
| XBD7.2/160GJ-B | 250 | 160 | 0.72 | 1450 | 185 |
| XBD9.0/160GJ-B | 250 | 160 | 0.9 | 1450 | 220 |
| XBD3.0/180GJ-B | 250 | 180 | 0.3 | 1450 | 90 |
| XBD6.0/180GJ-B | 250 | 180 | 0.6 | 1450 | 185 |
| XBD9.0/180GJ-B | 250 | 180 | 0.9 | 1450 | 250 |
| XBD12.0/180GJ-B | 250 | 180 | 1.2 | 1450 | 355 |
| XBD15.0/180GJ-B | 250 | 180 | 1.5 | 1450 | 450 |
| XBD3.2/200GJ-B | 250 | 200 | 0.32 | 1450 | 110 |
| XBD6.4/200GJ-B | 250 | 200 | 0.64 | 1450 | 200 |
| XBD9.6/200GJ-B | 250 | 200 | 0.96 | 1450 | 315 |
| XBD12.8/200GJ-B | 250 | 200 | 1.28 | 1450 | 400 |
| XBD3.0/250GJ-B | 250 | 250 | 0.3 | 1450 | 132 |
| XBD6.0/250GJ-B | 250 | 250 | 0.6 | 1450 | 250 |
| XBD9.0/250GJ-B | 250 | 250 | 0.9 | 1450 | 355 |
| XBD12.0/250GJ-B | 250 | 250 | 1.2 | 1450 | 500 |
| XBD15.0/250GJ-B | 250 | 250 | 1.5 | 1450 | 600 |
| XBD2.4/300GJ-B | 250 | 300 | 0.24 | 1450 | 110 |
| XBD4.8/300GJ-B | 250 | 300 | 0.48 | 1450 | 220 |
| XBD7.2/300GJ-B | 250 | 300 | 0.72 | 1450 | 355 |
| XBD9.6/300GJ-B | 250 | 300 | 0.96 | 1450 | 475 |
| XBD2.5/350GJ-B | 250 | 350 | 0.25 | 1450 | 160 |
| XBD5.0/350GJ-B | 250 | 350 | 0.5 | 1450 | 280 |

Installation Dimension



| No. | INSTALLATION DIMENSION | | | | | | | FLANGE | | | | BASEMENT | | | | |
|------------|------------------------|-----|------|-----|-----|-----|-------|--------|-----|-----|--------|----------|-----|------|-----|-------|
| | H | A | E | L1 | B | C | 4-Φd1 | D | D1 | DN | n-Φd | C1 | B1 | B2 | T | 4-Φd2 |
| 1-5L/S | Submerged Depth | 130 | Φ230 | 185 | 300 | 300 | 4-Φ22 | 165 | 125 | 50 | 4-Φ18 | 350 | 300 | Φ250 | 400 | 4-Φ16 |
| 10-30L/S | Submerged Depth | 180 | Φ230 | 265 | 320 | 320 | 4-Φ22 | 220 | 180 | 100 | 4-Φ18 | 400 | 320 | Φ280 | 400 | 4-Φ16 |
| 35-90L/S | Submerged Depth | 185 | Φ260 | 310 | 380 | 380 | 4-Φ22 | 285 | 240 | 150 | 8-Φ18 | 500 | 380 | Φ350 | 400 | 4-Φ16 |
| 100-140L/S | Submerged Depth | 200 | Φ360 | 360 | 420 | 420 | 4-Φ22 | 340 | 295 | 200 | 12-Φ22 | 560 | 420 | Φ400 | 400 | 4-Φ16 |