

# JKD SERIES

## Submersible Dredging Pump



JKD 1/3~1HP



JKD 2~7.5HP

### Feature:

- Vortex impeller attached with agitator, reliable silicon mechanical seal

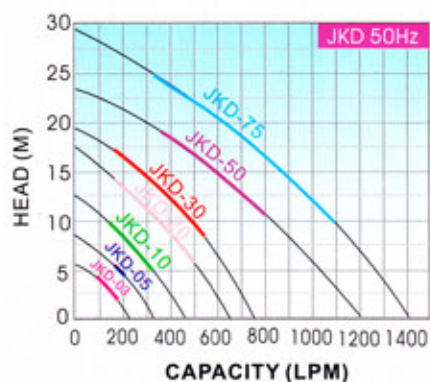
### Application:

- Dredging, high concentration slurry.



Powerful agitator

### Performance Curve



### Specifications

| Type   | Output<br>HP | Discharge<br>Inch | Phase<br>φ | Rated     |                 | Maximum   |                 | Cable<br>M | G.W<br>Kgs |
|--------|--------------|-------------------|------------|-----------|-----------------|-----------|-----------------|------------|------------|
|        |              |                   |            | Head<br>M | Capacity<br>LPM | Head<br>M | Capacity<br>LPM |            |            |
| JKD-03 | 1/3          | 2"                | 1.3        | 4         | 100             | 6         | 220             | 5          | 13.0       |
| JKD-05 | 1/2          | 2"                | 1.3        | 6         | 110             | 8         | 320             | 5          | 19.0       |
| JKD-10 | 1            | 2"(3")            | 1.3        | 9         | 220             | 12.5      | 460             | 5          | 24.0       |
| JKD-20 | 2            | 2"(3")            | 1.3        | 10        | 350             | 17.5      | 650             | 5          | 32.0       |
| JKD-30 | 3            | 2"(3")            | 3          | 11        | 450             | 19.5      | 750             | 5          | 35.0       |
| JKD-50 | 5            | 3"(4")            | 3          | 10        | 800             | 23.5      | 1200            | 10         | 66.0       |
| JKD-75 | 7 1/2        | 3"(4")            | 3          | 12        | 1040            | 29.5      | 1400            | 10         | 72.0       |

Note1: Automatic models are available in single-phase versions.

Note2: Q.D.C. (Quick Discharge Connection) is applied in all models.

### Parts and Material List

| NO | PART          | MTRL             |
|----|---------------|------------------|
| 1  | Cable         | VCT              |
| 2  | Cable Hood    | PVC              |
| 9  | Handle        | Nylon 6/SS41     |
| 15 | Motor Cover   | Nylon 66/ FC 200 |
| 16 | Seal Housing  | FC 200           |
| 17 | Bracket       | FC 200           |
| 18 | Oil Chamber   | FC 200           |
| 20 | Pump Casing   | FC 200           |
| 21 | Impeller      | FC 200           |
| 24 | Agitator      | SUS316           |
| 25 | Mech. Seal    | SIC/SIC          |
| 26 | Oil Seal      | Viton            |
| 52 | Bearing       | (NTN)            |
| 53 | Protector     | (T.I. / YAMADA)  |
| 54 | Shaft         | SUS 410          |
| 65 | Motor Housing | SUS 304          |

### Construction

