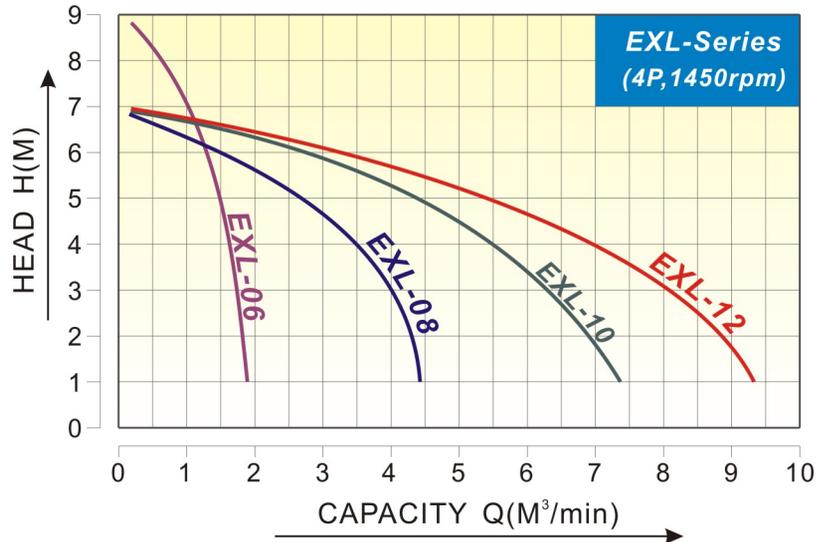




Performance Curves



Features

- Axial flow impeller design to meet large flow, energy saving and easy installation.
- Cable with an epoxy resin sealed water-proof cable hood. Use double Mechanical seals, C3 bearing, SUS304 shaft (dynamic balance test), bronze impeller, bronze bearing bracket and internal upper cover to extend life time.
- EXL is suitable to transfer water below 5 meter head, large flow demand application.



Axial-flow Impeller

Applications

- Water extracting from streams, lakes, reservoirs, channel water, fishy pond.
- Water transfer and circulation for landscape and water features.
- Aqua farm and agriculture water pumping and drainage for large flow applications.
- Flood control, Pumping Station.

Specification & Dimension

| Model | Power | | Discharge | | Phase | Pole | Rated Head | Rated Cap. | Max. Head | Max. Cap. | Solid Passage | Net Weight | Dimensions (mm) | | Cable Length |
|--------|-------|-----|-----------|-----|-------|------|------------|------------|-----------|-----------|---------------|------------|-----------------|--------|--------------|
| | HP | KW | INCH | MM | | | | | | | | | Diagram | Height | |
| EXL-06 | 5 | 3.7 | 6" | 150 | 3 | 4 | 5 | 1.5 | 9 | 2.0 | 23 | 70 | 265 | 840 | 10 |
| EXL-08 | 7.5 | 5.5 | 8" | 200 | 3 | 4 | 4 | 3.5 | 7 | 4.5 | 23 | 130 | 330 | 1000 | 10 |
| EXL-10 | 10 | 7.5 | 10" | 250 | 3 | 4 | 4 | 5.5 | 7 | 7.5 | 23 | 165 | 400 | 1040 | 10 |
| EXL-12 | 15 | 11 | 12" | 300 | 3 | 4 | 4 | 7.0 | 7 | 10 | 23 | 225 | 430 | 1080 | 10 |

Operating Conditions & Construction

| | | | |
|--------|------------|------------------------|-------------------------------|
| | | Discharge diameter(mm) | 150,200,250,300 |
| Liquid | | Liquid temp. | 0~40°C |
| | | Liquid nature | Irrigation, aquaculture water |
| | | Max. Depth | 8M |
| Pump | Structure | Impeller | Axial-flow type |
| | | Mech. seal | Double sets |
| | | Bearing | C3 Ball type |
| | Material | Internal upper cover | Bronze or FC200 |
| | | Impeller | Bronze |
| | | Pump casing | FC200 |
| | | Bearing Bracket | Bronze or FC200 |
| | Mech. seal | CA/CE | |
| Motor | | Type | Oil motor |
| | | Pole | 4P |
| | | Insulation | F class |
| | | Frequency | 50HZ |
| | Material | Cable | VCT |
| | | Main shaft | SUS304 |
| | | Frame | SUS304 |