



EBARA

Submersible Sewage/Wastewater Pumps

Model DSC4/DSCA4



water | wastewater | sewage | flood control



EBARA

EBARA Fluid Handling

an EBARA International Corporation company

Model DSC4/DSCA4

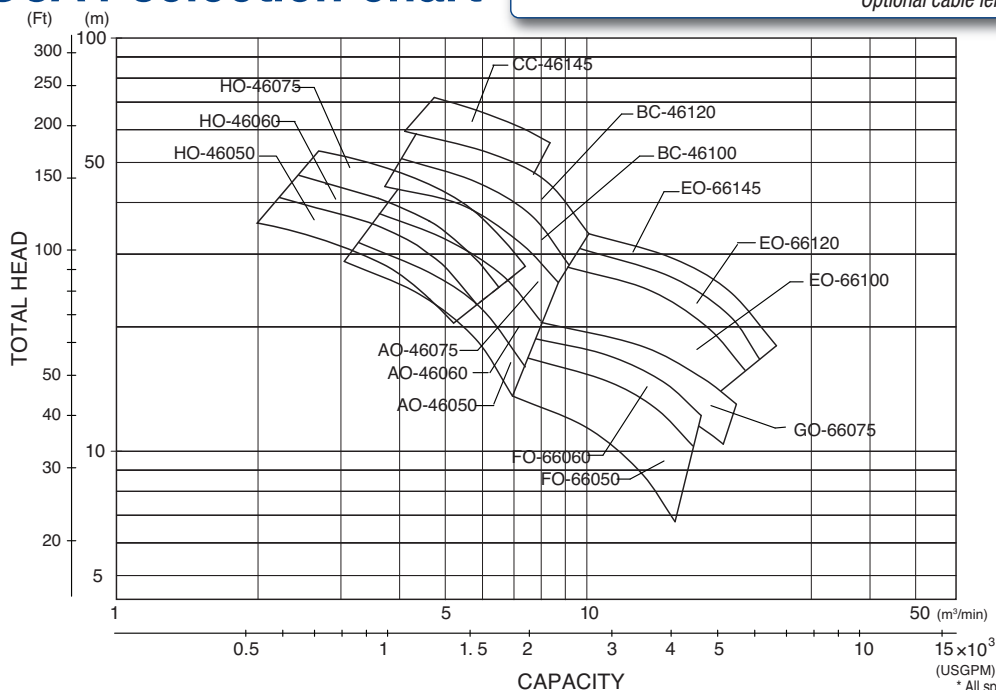
Features

- **Watertight cable entry system with redundant protection** assures safe operation and protects against water leakage into terminal casing; reduces maintenance costs
- **Terminal board provides easy cable connection**
- **Heavy duty, high efficiency, compact designed motor** with thermal detector for each phase of winding; inverter duty rated and FM approved
- **Self cooling system with cooling jacket** eliminates the need for external pumping devices or special heat transfer fluids; offers simplicity and high reliability by effectively dissipating heat
- **Float type leakage detector** provides early warning of mechanical seal failure; avoids costly motor repairs
- **Cartridge type, duplex mechanical seals** assembled in tandem arrangement; easy maintenance and high reliability
- Available with semi-open or enclosed impellers

Standard Specifications

| | | |
|---------------------|--|--|
| Design | Discharge Horsepower Capacity Total head Max. Liquid temp. | 6 to 24 inch 50 to 500 530 to 7000 GPM 23 to 300 feet 104°F/40°C |
| Materials | Casing Impeller Casing Ring Shaft Motor Frame Cooling Jacket Fastener | Cast Iron Cast Iron 420 Stainless Steel (enclosed Impeller models) 420 Stainless Steel Cast Iron Steel 304 Stainless Steel |
| Construction | Impeller Type Shaft Seal Material – Upper Material – Lower Bearing Motor Mounting method | Semi-open Enclosed <i>Optional:</i> Impeller Ring (enclosed impeller models) Cartridge type duplex mechanical seals in tandem arrangement Carbon/Ceramic Silicon Carbide/Silicon Carbide <i>Optional materials available, consult factory.</i> Grease Lubricated Ball Bearing Class H insulation Air filled water tight with cooling jacket 15 starts/hour, 1.15 Service Factor <i>Optional:</i> FM explosion proof, Class 1, Group C, D Built-in winding temperature detector Built-in float type leak detector <i>Optional:</i> Temperature detector for thrust bearing Wet Pit: Quick discharge connector (QDC) Dry Pit: with baseplate (DSCA4) |
| Accessories | | 50 ft (15.24 m) water tight rubber insulated flexible cable <i>Optional cable lengths available, consult factory.</i> |

DSC4/DSCA4 selection chart



* All specifications subject to change without notice.



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