



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

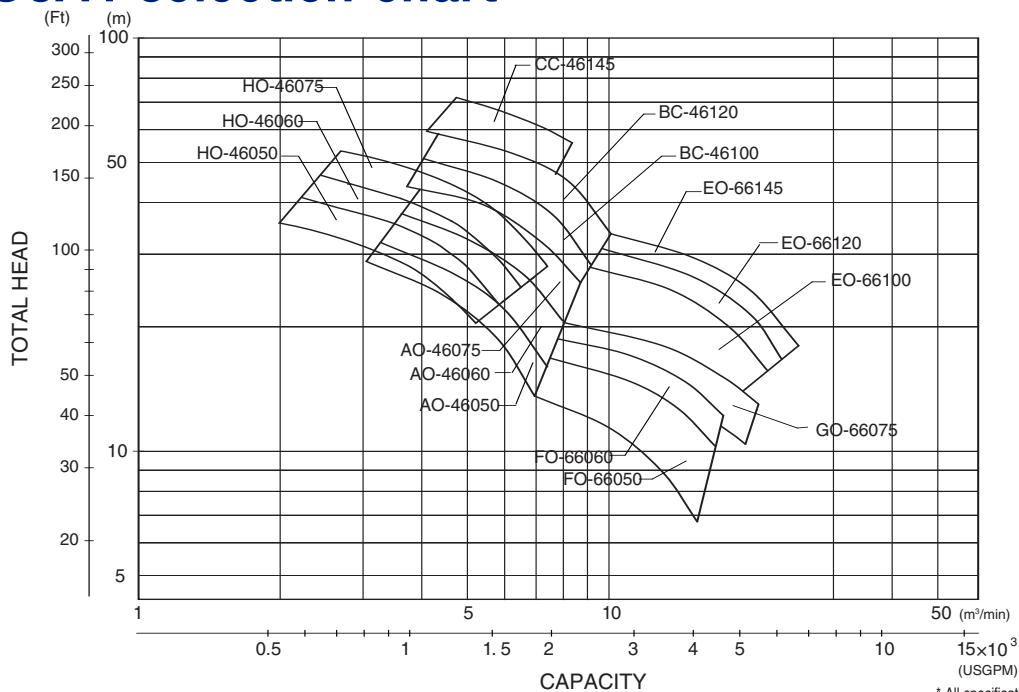
## Features

- **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	Capacity Total head Liquid temp. Max. submergence	530 to 7000 USGPM (2 to 26 m <sup>3</sup> /min) 23 to 300 ft (7 to 91 m) 32°F to 104°F (0° to 40°C) 114 ft (35 m)
Materials	Casing Impeller Casing Ring  Shaft Motor Frame Cooling Jacket	Cast Iron ASTM A48 Cast Iron ASTM A48 420 Stainless Steel (enclosed impeller models)  420 Stainless Steel Cast Iron ASTM A48 Steel ASTM A283
Construction	Impeller  Shaft seal  Motor    Mounting method	Semi-open/Enclosed Optional impeller ring (enclosed impeller models)  Cartridge type duplex mechanical seals in tandem arrangement  Class H insulation Air filled water tight with cooling jacket 15 starts/hr, 1.15 Service Factor FM explosion proof available Built-in winding temperature detector Built-in float type leak detector 50 ft (15.24 m) water tight rubber insulated flexible cable  Wet Pit: Quick discharge connector (QDC) Dry Pit: with baseplate (DSCA4)

## DSC4/DSCA4 selection chart



\* All specifications subject to change without notice.



### EBARA Fluid Handling

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