



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

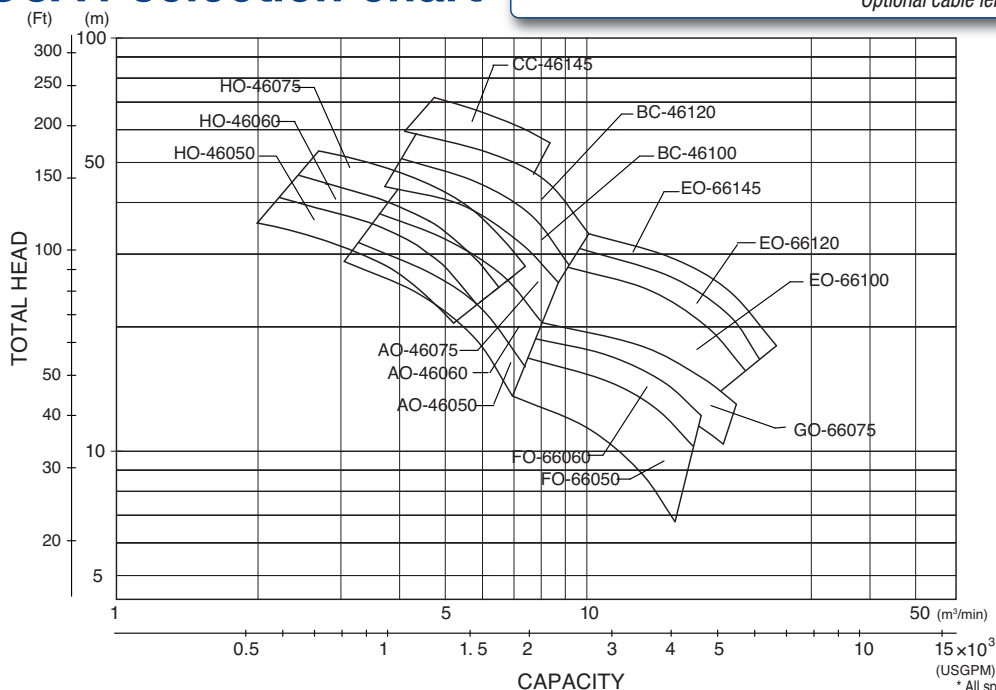
Features

- **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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