



EBARA

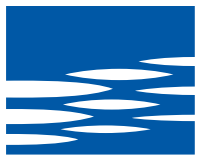
Ahead > Beyond

Model ESPT/ESPU

Self-Priming Pump

SELF-PRIMING PUMPS





Model ESPT/ESPU

EBARA ESPT/ESPU series pumps are available in a wide variety of materials and sizes to handle solids and light slurries efficiently and effectively. The large pump casing retains sufficient liquid after each operating cycle, enabling quick and efficient self-priming on startup. This design ensures reliable operation without the need to manually refill the casing before each use.

Features:

Energy-Saving Design

- 3" solids (ESPT), 1.25" solids (ESPU)
- Robust cast iron casing with ductile iron impeller standard
- Backside pump-out vanes
- External shimless wear plate adjustment
- Easy removal cover plates and rotating element
- Cartridge seals with Tungsten Carbide/Tungsten Carbide faces
- Alternate construction materials available on request including 304SS, 316SS, and CD4 MCU
- Skid Packages available:
 - Direct Drive
 - Piggy Back
 - Side-by-Side

Specifications:

Pump Model	ESPT	ESPU
Size (inches)	2 to 10 inch	3 to 6 inch
Capacity (USGpm)	to 3400	to 1300
Head (ft)	to 130	to 226
Power (HP)	1 to 100 HP	2 to 60 HP
Connections	Flanged, 125 R.F ANSI; NPT connection (option)	
Maximum Solid Diameter (inches)	3	1.25
Operational Speed (rpm)	650 to 2900 RPM	
Materials (*)	Casing Impeller Wear Plate Cover Plate Shaft Bearing Housing Flap Valve Seal Plate Flanges O-Rings Mechanical Seals (***)	Cast Iron Ductile Iron Carbon Steel Ductile Iron Alloy Steel 4140 Cast Iron NBR Cast Iron Cast Iron NBR TC/TC, Viton, 316 SS
Motor (**)	TEFC/ODP	
Options	Base plate mounting, coupling guard Horizontal V-Belt Vertical V-Belt Flex Coupled	

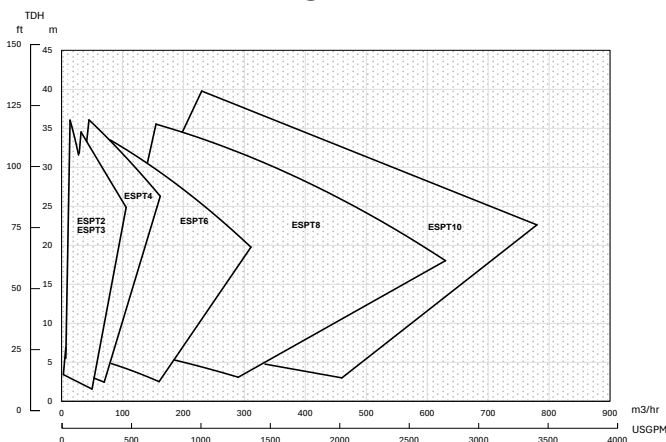
Note (*): Alternate construction materials (304SS, 316SS, CDu4MCu) are available upon request

Note (**): Motor Options are available upon request

Note (***) : SiC/SiC Mechanical Seal is available upon request

SELECTION CHART

ESPT



ESPU

