



EBARA SELF PRIMING PUMP
MODEL ESPT – ESPU



FEATURES

Pump with an efficient self-priming system, designed to pump different types of fluids, including those with solids up to 3 inches, ensuring high performance and versatility in different applications.

	High Strength and Durability Built with robust materials that withstand adverse conditions and ensure a long service life, reducing maintenance costs.
	Efficient Self-Priming After the first priming, the pump operates automatically without the need for manual refilling, providing practicality and speed in use.
	Ease of Maintenance Design that allows quick access to internal components, speeding up inspections and repairs without the need for complex disassembly.

SPECIFICATIONS

		ESPT	ESPU
Design	Discharge	2 to 12 inch	3 to 6 inch
	Power	1 to 110 hp	1 to 50 hp
	Capacity	5600 GPM	1300 GPM
	Total head	130 feet	210 feet
Speed	650 to 3100RPM (Rotation: Clockwise from shaft end)		
Materials	Casing	Cast iron A48 CL30	
	Impeller	Ductile iron 66-45-12	
	Wear Plate	Ductile iron 66-45-12	
	Shaft	Alloy steel 4140	
	Mechanical seal	S-S-FKM 316-630	
	Flap Valve	NBR	

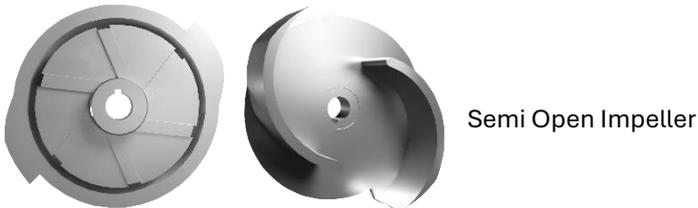
APPLICATIONS

These pumps are highly versatile and suitable for a wide range of applications in various sectors:

- Sewage and sanitation
- Rainwater
- Oil & construction
- Industries
- Refineries
- Irrigation
- Among others

PUMPS

- Suction and discharge from 2 to 12"
- Pumping of liquids up to 71°C (160°F)
- Robust – cast iron construction
- Optional – stainless steel parts
- Passage of solids up to 5 inches

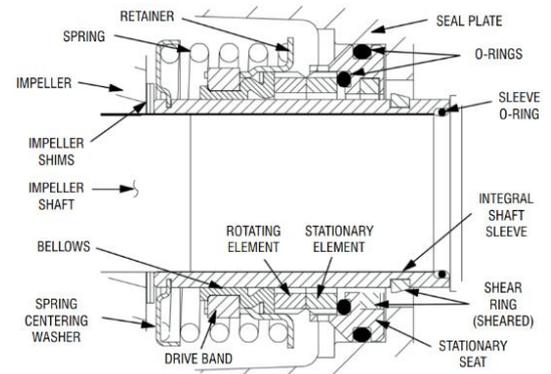


Standard and optional configuration of impeller, casing & mechanical seal

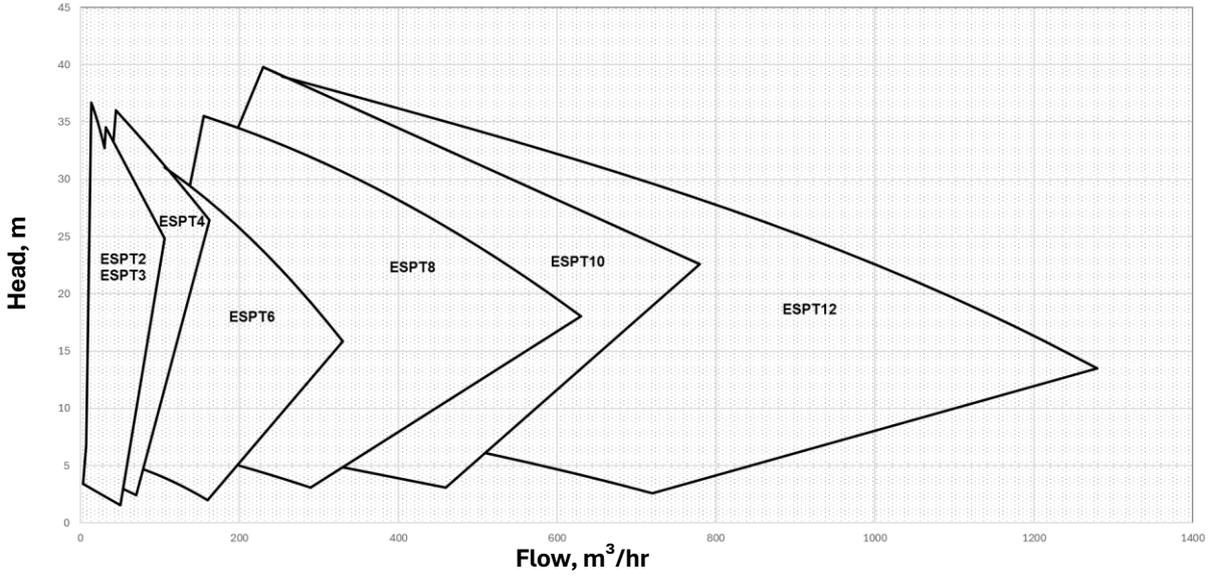
Material	Standard	Optional 1	Optional 2	Optional 3	Optional 4	Optional 5
Impeller	FCD	FCD	SCS13	SCS14	SCS13	SCS14
Casing	FC	FC	FC	FC	SCS13	SCS14
Mechanical Seal	SIC-SIC	TC-TC	TC-TC	TC-TC	TC-TC	TC-TC



Mechanical Seal (Cartridge Seal Assembly)



Selection Chart
ESPT Series



ESPU Series

