



Vision 43CS™
Centrifugal Pump

Price, power consumption, efficiency, and ease of use are main concerns that customers have when purchasing pumps. Elgin recognizes this and maintains a complete line of Series 118 & 250 high-performance centrifugal pumps.

Based on the industry's most field-proven centrifugal pump, Elgin's pumps have been designed with durability and value in mind. Elgin's pumps are ideal for handling a host of different fluids. Featuring SKF (or equal) bearings, tungsten mechanical seals, and a wide semi-open impeller design allowing for increased bearing life thru lower axial thrust.

Elgin knows that an important part of any fluid system includes the use of a high performance centrifugal pump. Elgin's line of pumps have been engineered for ease of operations, efficiency, and durability. The centrifugal pump is designed to give longer service life through wear pad replacement casing, grease bearing lubrication, labyrinth bearing cap seals, stainless shaft sleeve, and casing nuts. Skid mounted design paired with a premium, Class 1 - Division 1 explosion proof motor, coupling and coupling guard complete the pump package.

Available upgrade options include: optional trims, oil lubrication, shaft sleeves in ceramic coating and 1704 PH hardened, Reverse Rotation Prevention system (RRP), silicon carbide mechanical seal, extra hard iron fluid ends, and lip seals. Electrical starter panels are available upon request.

Centrifugal Pump Benefits/Features

- Protective shaft sleeve cover reduces wear from abrasive fluids.
- Multiple Applications - Suitable for seawater, freshwater, drilling mud, as well as a host of industrial applications such as cement, mining dewatering, and many more, Elgin's line of centrifugal pumps are interchangeable with most other standard pumps in the industry.
- Improved Design - Elgin's line of centrifugal pumps feature cast iron frames and the highest quality steel bearings.
- Stainless Steel Casing and Wear Pad Nuts ease of maintenance.
- Labyrinth Seals - Labyrinth seals allow for a reduction in bearing contamination and shaft wear.
- Skid Packages Available - Skids come fully powder-coated and include a coupling-guard.
- Wide semi-open impeller creates lower axial thrust for improved bearing life.

Shaft Sleeve

Elgin's line of centrifugal pumps include a protective shaft sleeve to cover and protect the shaft from abrasive fluids.



Pump Bearings

Bearings are of the highest quality and most are interchangeable with other popular pump models.



Frame

Pump frames have been redesigned to reduce overall pump weight by 10%. Despite the weight reduction, the redesign has also improved pump strength to ensure long bearing life.



Efficient Lead Times

Elgin takes pride in putting our customers first. That's why Elgin provides efficient lead times to continue the 25 year tradition of offering durable, value now.

118 Series

Pump Size	Elgin Part Number	Motor Sizes (HP)	Close Coupled Mechanical Seal (TEFC and Explosion Proof)	Coupled Mechanical Seal (TEFC and Explosion Proof)
1 x 1.5 x 11	KTCP-18MS-1511-BP	3, 5, 7.5	√	√
2 x 3 x 11	KTCP-18MS-32-BP	3, 5, 7.5, 10	√	√

250 Series

Pump Size	Elgin Part Number	Motor Sizes (HP)	Coupled TEFC Mechanical Seal	Coupled Explosion Proof Mechanical Seal
3 x 2 x 13	KTCP-25MS-3213-BP	10, 15, 20, 25	√	√
4 x 3 x 13	KTCP-25MS-4313-BP	15, 20, 25, 30	√	√
5 x 4 x 14	KTCP-25MS-5414-BP	20, 25, 30, 40	√	√
6 x 5 x 11	KTCP-25MS-6511-BP	20, 25, 30, 40, 50, 60, 75	√	√
6 x 5 x 14	KTCP-36MS-6514-BP	20, 30, 40, 50, 60, 75, 100	√	√
8 x 6 x 11	KTCP-25MS-8611-BP	40, 50, 60, 75, 100, 125	√	√
8 x 6 x 14	KTCP-25MS-8614-BP	40, 50, 60, 75, 100, 125	√	√

All Elgin pumps are available in 460V / 60Hz & 380V / 50Hz - 3 phase configurations.



Looking for stand alone pump packages? Elgin offers skid mounted systems paired with diesel engine power packs.