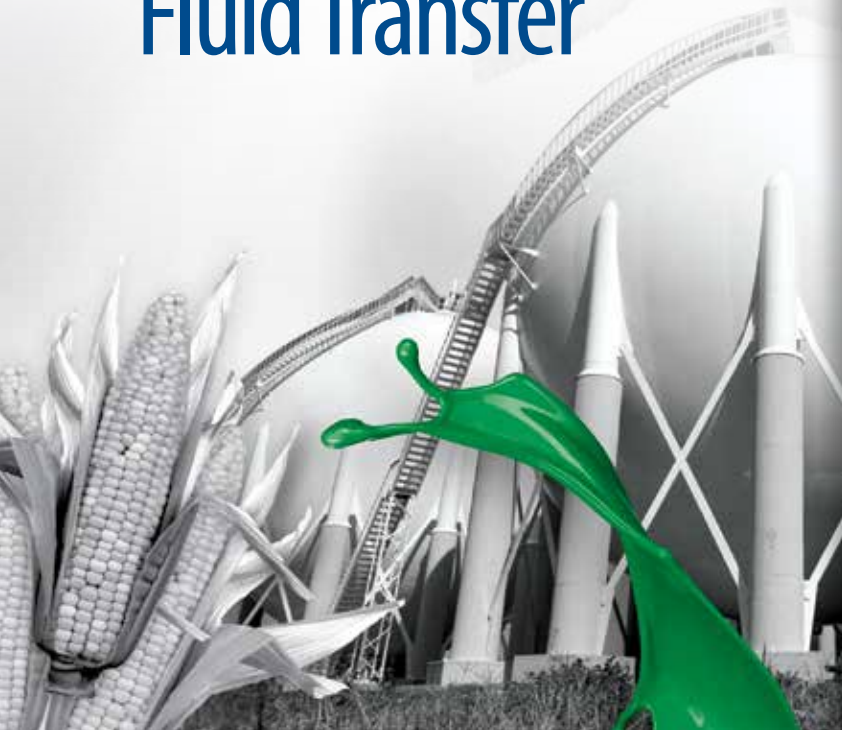




The Benchmark for Environmentally Conscious Fluid Transfer



E Series Seal-less Internal Gear Pumps

EnviroGear® E Series Seal-less Internal

Gear Pumps combine the durability and reliability that's needed for pumps operating with any kind of liquid, regardless of viscosity, with the value of reduced maintenance, reduced downtime and lower environmental costs that users demand. E Series protects both the environment and those that work with it by minimizing leakage. This makes E Series the single-best pumping solution for a wide variety of fluid-transfer needs.

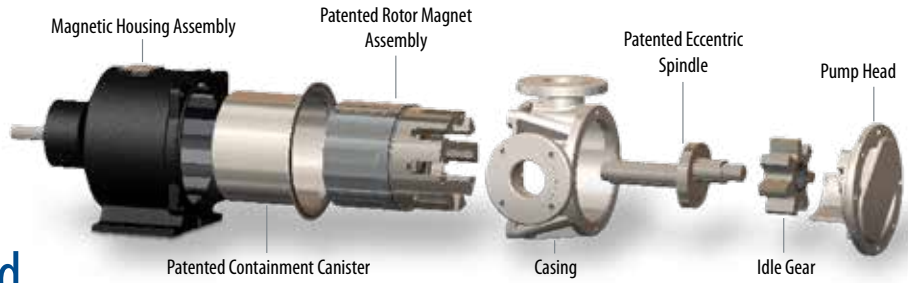
Features & Benefits:

- Patented between-the-bearing support system technology
- High reliability and durability
- 50% reduction in maintenance costs
- Lowest overall cost of ownership
- Increased environmental and fluid-handling safety
- Single-fluid-chamber seal-less design eliminates leaks
- Interchangeable with mechanically sealed and packed gear pumps



Where Innovation Flows





Brilliantly Designed, With Only Seven Primary Parts

Ductile Iron, Carbon Steel		
Model	Max. RPM	Flow @ Max. Speed
E1-2-CS	1800	3.4 m ³ /hr (15 gpm)
E1-4-CS	1800	6.8 m ³ /hr (30 gpm)
E1-24-DI or CS	780	17.0 m ³ /hr (75 gpm)
E1-32-DI or CS	780	22.7 m ³ /hr (100 gpm)
E1-55-DI or CS	640	30.7 m ³ /hr (135 gpm)
E1-69-DI or CS	640	38.6 m ³ /hr (170 gpm)
E1-82-DI or CS	640	45.4 m ³ /hr (200 gpm)

Stainless Steel		
Model	Max. RPM	Flow @ Max. Speed
E1-2-SS	1200	2.3 m ³ /hr (10 gpm)
E1-4-SS	1200	4.5 m ³ /hr (20 gpm)
E1-24-SS	640	12.5 m ³ /hr (55 gpm)
E1-32-SS	640	18.2 m ³ /hr (80 gpm)
E1-55-SS	520	25.0 m ³ /hr (110 gpm)
E1-69-SS	520	31.8 m ³ /hr (140 gpm)
E1-82-SS	520	36.3 m ³ /hr (160 gpm)

Parameter	Configuration	Rating
* Differential Pressure	Ductile iron, carbon steel stainless steel	* 1.4 to 13.8 bar (20 to 200 psi) * 1.4 to 10.3 bar (20 to 150 psi)
Temperature	Ductile iron, carbon steel stainless steel	-40 to 260°C (-40 to 500°F) -40 to 260°C (-40 to 500°F)
Viscosity	All	0.5 to 50,000 cSt

* Consult factory for differential pressures below 1.4 bar (20 psi).

Description	Part	Ductile-Iron Models	Carbon-Steel Models	Stainless-Steel Models
Pressure Containing	Casing, Head	Ductile Iron	Carbon Steel	Stainless Steel (CF8M)
	RV Body	Carbon Steel		Stainless Steel (CF8M)
	Canister	Stainless Steel (316)		
Product Contact	Rotor, Idler	Carbon Steel		Stainless Steel (17-4PH)
	Spindle	Alloy Carbon Steel (4140) (opt. abrasion-resistant version is surface hardened)		Stainless Steel (17-4PH)
	Rotor Sleeve	Stainless Steel (316)		Stainless Steel (316)
	RV Spring	Stainless Steel (302)		Stainless Steel (302)
	Bushings	Carbon Graphite, Bronze or Tungsten Carbide		Carbon Graphite or Bronze
	O-Rings	Viton (DuPont Type A), PTFE-encapsulated Viton, PTFE-encapsulated Silicone or any commercially available O-ring		
Non-Product Contact	Magnet Housing	Ductile Iron		
	Shaft	Alloy Carbon Steel (4140)		



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