

An ITT Brand

Goulds LF 3171



LF 3171

Goulds Model LF 3171

Low Flow – High Head Vertical Sump Pump

- Capacities to 50m3hr / 220 GPM
- Heads to 290 m / 950 ft.
- Temperatures to 232°C / 450°F
- Pit Depths to 6 m / 20 ft.

Design Features

- Self-Priming
- Rugged Double Row Thrust Bearing
- Heavy Duty One-Piece Shaft
- External Impeller Adjustment
- Concentric (Circular) Casing
- Radial Impeller
- Sealless Design
- Optional Vapor Proof Construction
- Available in a wide range of Alloys

Services

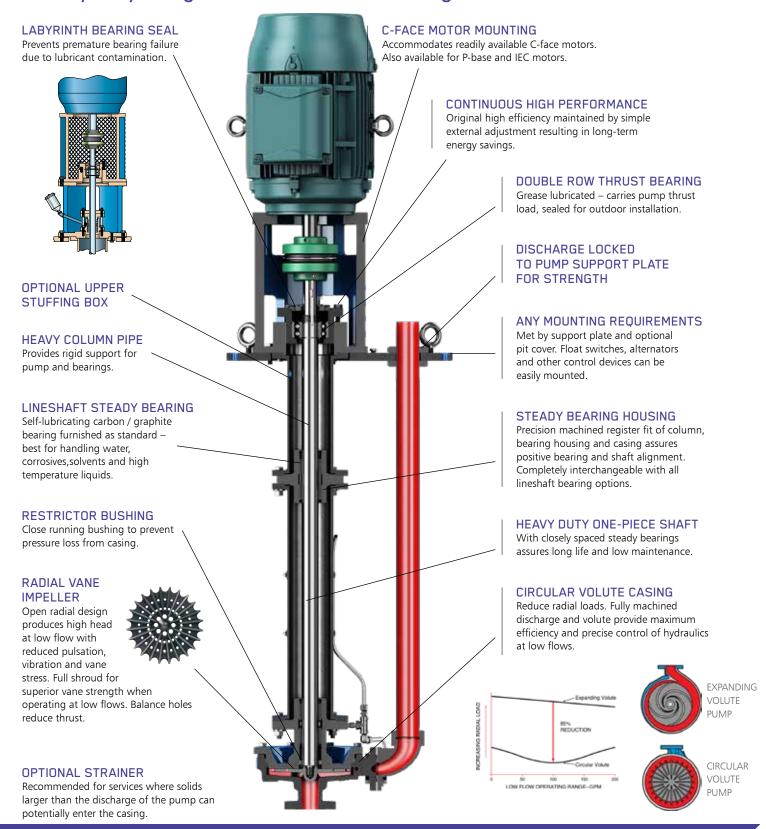
- General Sump
- Lift Pump
- Tank Unloading
- Condensate
- Drum Pump
- Drain Pump
- · Hydrocarbons / Oily Water
- Molten Sulfur
- Batch & Specialty Chemicals Sumps



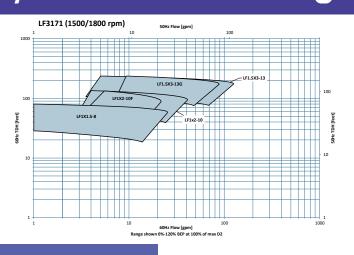
The LF3171 is specifically designed to provide superior performance for low flow flow high head sump applications. Its concentric (circular volute) casing and open radial vane impeller are designed to eliminate hydraulic and mechanical problems at throttled low flows. Radial loads are reduced as much as 85% versus standard volutes at low flows.

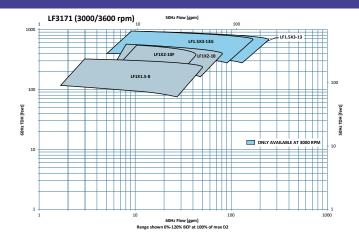
LF 3171 Vertical Sump and Process Pumps

Heavy Duty Design Features for a Wide Range of Services.



Hydraulic Coverage





3171 family of pumps



Pump Type	Goulds Model	Capacity M³/Hr (GPM)	TDH Meters (Feet)	Temperature °C (°F)	Pit Depth Meters (Feet)
VS4	3171	722 (3180)	95 (344)	232 (450)	6 (20)
	API 3171	722 (3180)	160 (525)	232 (450)	6 (20)
	CV 3171	295 (1300)	126 (230)	232 (450)	6 (20)
	LF 3171	50 (220)	290 (950)	232 (450)	6 (20)
	NM 3171	284 (1250)	92 (300)	93 (200)	5 (16)



An ITT Brand

240 Fall Street

Seneca Falls, NY 13148 Phone: 315.568.2811 Fax: 315.568.2418 www.gouldspumps.com