Date Generated: 02/10/26

LS100TF-22E (VFD)

Part Number	340003390FLTEU1
Pump Model	LS100TF-22E (VFD)
Drive Type	Electric Motor 22kW
Chassis Type	Medium SuperSilent

Pump End Specifications

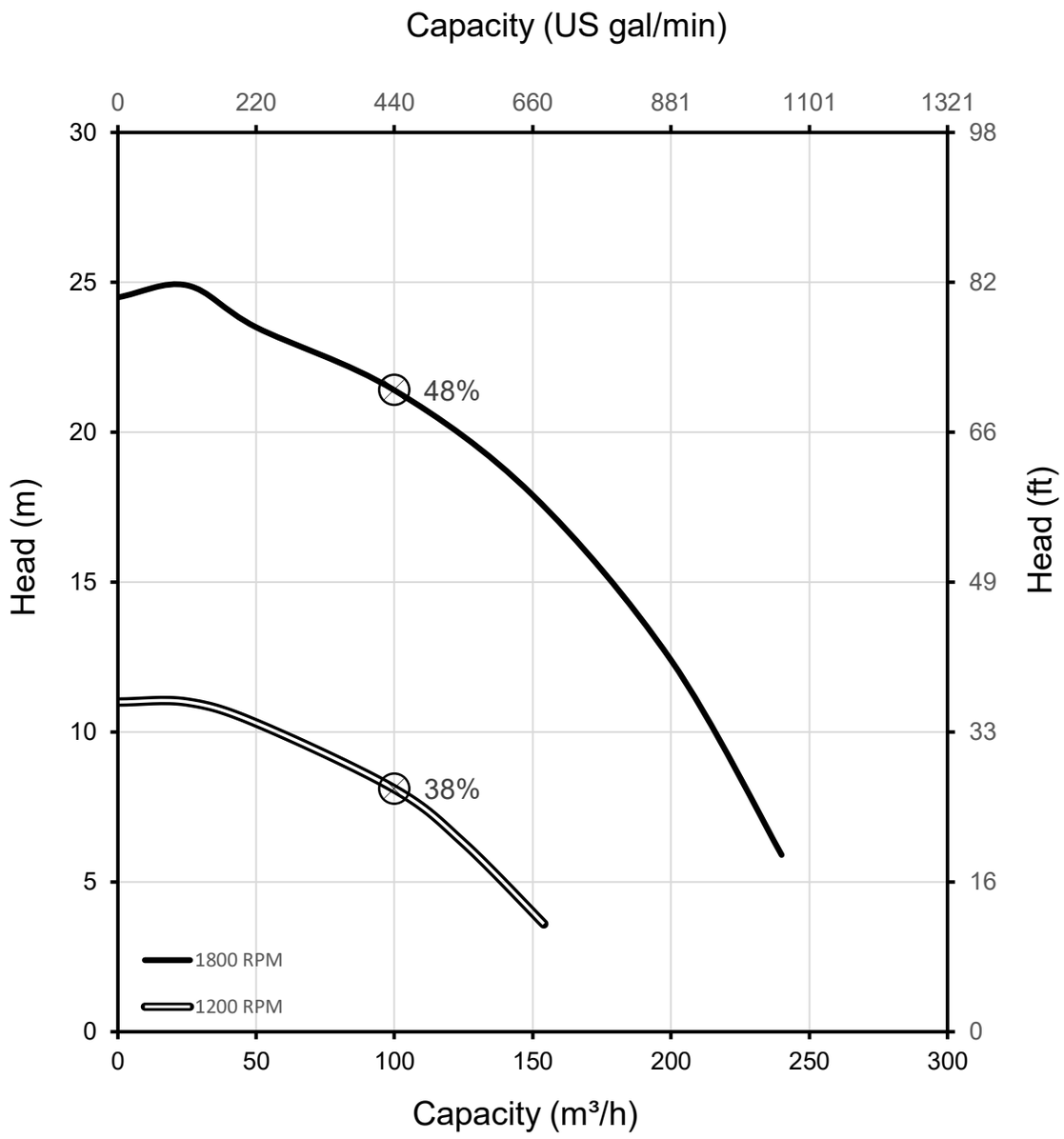
	Metric	US
Max Capacity	240 m³/h	1057 US gal/min
Max Head	25 m	82 ft
Solid Handling	75 mm	3 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Rated System Power	22 kW	30 hp
Min - Max Rated Speed	40Hz-60Hz (1200-1800 RPM)	
Impeller Type	Vortex	
Impeller Diameter	215 mm	8.5 in
No. Blades	6	
Suction Pipe Flange	DN100 PN16	NPS 4
Discharge Pipe Flange	DN100 PN16	NPS 4

Build Specifications

	Metric	US
Gross Weight	1450 kg	3197 lb
Useable Fuel Capacity	NA	
Guaranteed Sound Power Level	86 dB(A)	
Sound Pressure Level @10m	54 dB(A)	

Engine Specifications

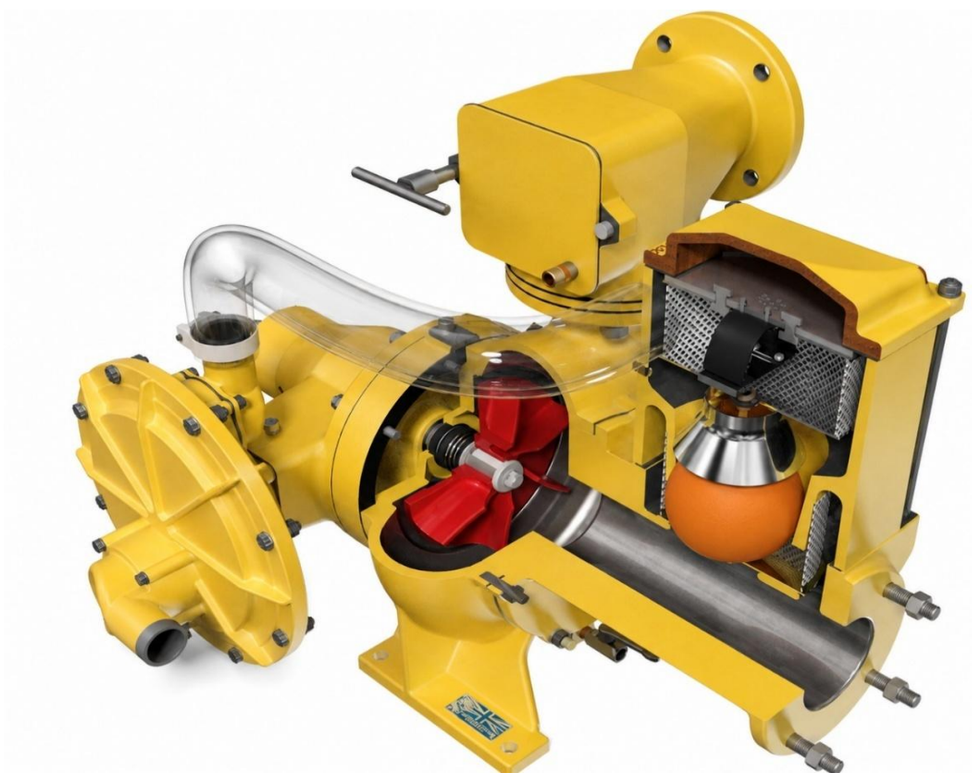
	Metric	US
RPM of Max Torque	NA	
After-Treatment	NA	
Emission Rating	IE3	IE3



Material Specifications

Pump Casing	GREY IRON BSEN 1561 GRADE EN-GJL-200
Impeller	CAST IRON BSEN 1563 GRADE EN-GJS-450-10
Wear Plate	NA
Shaft	STEEL BS EN 10277 GRADE C40+C
NRV Body	GREY IRON BSEN 1561 GRADE EN-GJL-200
Mechanical Seal	CERAMIC / SILICONE CARBIDE
Pump End Bearing	DEEP GROOVE BALL
Drive End Bearing	CYLINDRICAL ROLLER





Images are for referance only and may not reflect the exact product
Curves tested to standard ISO 9906.

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