Date Generated: 07/08/26

LS100TF-16D

Part Number	340003435
Pump Model	LS100TF-16D
Drive Type	Cat C1.7T (18.4kW)
Chassis Type	Medium SuperSilent

Pump End Specifications

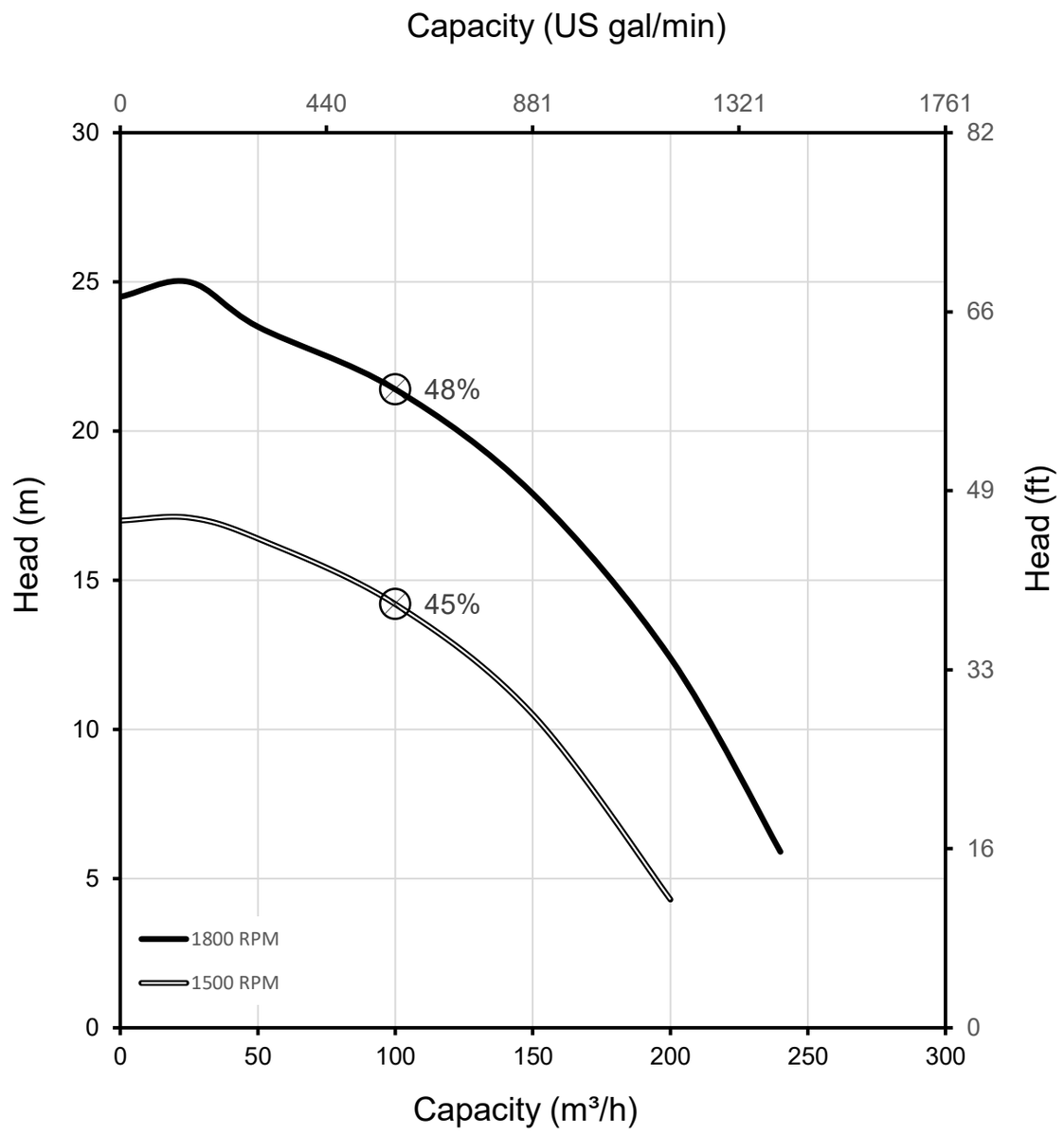
	Metric	US
Max Capacity	240 m³/h	864 US gal/min
Max Head	25 m	80 ft
Solid Handling	75 mm	3 in
Self Priming Lift	8.8 m	28 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	2.2 kW	3 hp
Rated System Power	16 kW	21 hp
Min - Max Rated Speed	1500 RPM-1800 RPM	
Impeller Type	Vortex	
Impeller Diameter	215 mm	8 in
No. Blades	6	
Suction Pipe Flange	DN100 PN16	NPS 4
Discharge Pipe Flange	DN100 PN16	NPS 4

Build Specifications

	Metric	US
Gross Weight	1600 kg	3520 lb
Useable Fuel Capacity	242 lt	
Guaranteed Sound Power Level	104 dB(A)	
Sound Pressure Level @10m	72 dB(A)	

Engine Specifications

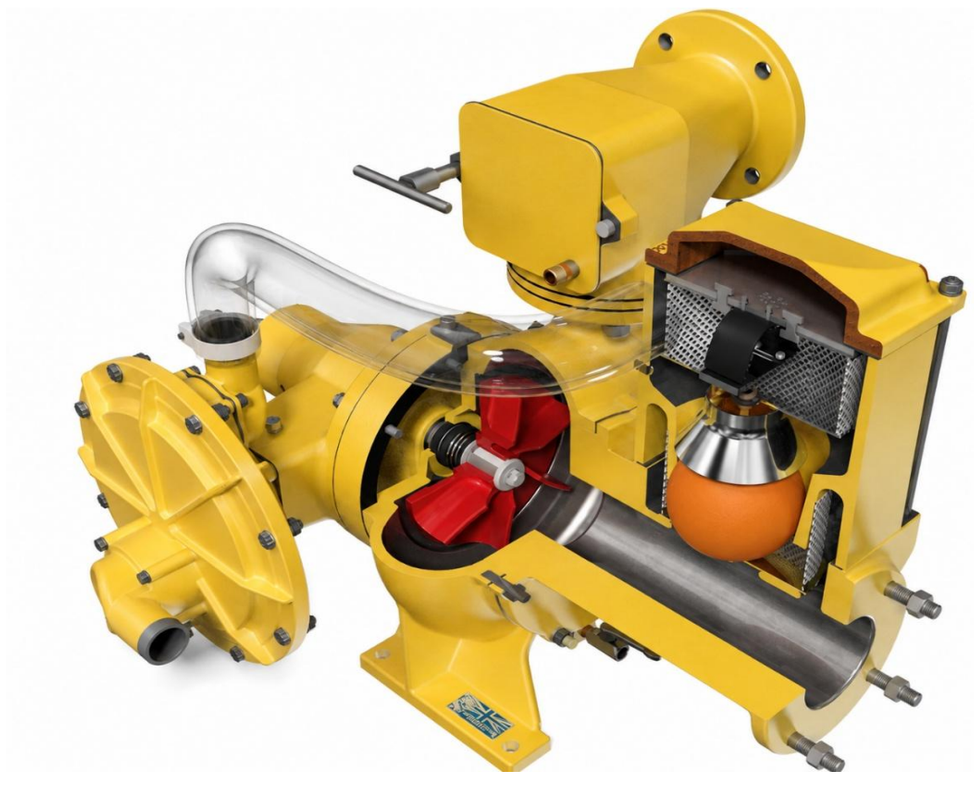
	Metric	US
RPM of Max Torque	1700 RPM	
After-Treatment	NA	
Emission Rating	Stage V	Tier 4 Final



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	Stainless Steel 431
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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