



LIFAN Power USA



PRODUCT SPECIFICATIONS

PRO SERIES ENGINES

Model	LF160F	LF168F	LF168F-2	LF170
Manufacturer	LIFAN	LIFAN	LIFAN	LIFAN
Engine Type	4-Stroke OHV Single Cylinder			
Maximum Horsepower (MHP)	4MHP	5.5MHP	6.5MHP	7MHP
Displacement	118cc	163cc	196cc	
Bore X Stroke	60mm X 42mm	68mm X 45mm	68mm X 54mm	
Compression Ratio	8.5:1	8.5:1	8.5:1	
Engine Speed	3600 rpm	3600 rpm	3600 rpm	3600 rpm
Starting System (D Models Only)¹	Recoil (Recoil/Electric)	Recoil (Recoil/Electric)	Recoil (Recoil/Electric)	Recoil (Recoil/Electric)
Fuel Tank Capacity	0.66 Gallons	0.95 Gallons	0.95 Gallons	
Fuel Type	87 Octane Gasoline			
Engine Oil Type & Amount	SAE 10w30w 20oz			
Low Oil Shutoff Protection	Yes	Yes	Yes	Yes
CARB Certified	(-CA) Models Only			

Horizontal Output Shaft Options

Keyway (Q Models) Diameter	0.75 in	0.75 in	0.75 in
Threaded (P Models) Diameter	Special Order Only	Special Order Only	Special Order Only
Threaded (T Models) Diameter	Special Order Only	Special Order Only	5/8 in (18x1.25 Thread)
Threaded (W Models) Diameter	Special Order Only	Special Order Only	20 mm
Tapered (13111 Models) Diameter	Special Order Only	Special Order Only	Generator Engine
2:1 Clutch Reduction (R Model) Diameter	Special Order Only	Special Order Only	20mm
6:1 Gear Reduction (H Model) Diameter	0.75 in	Special Order Only	0.75 in

Horizontal Keyway Output Shaft Dimensions

Length	16 in	16 in	16 in
Width	15 in	15 in	15 in
Height	14 in	16 in	16 in
Dry Weight	32.5 lbs	38 lbs	38 lbs

Legend

Dimensions given are for "Q" Models only. Other Engine options will cause dimensions to vary.

¹ = Only "D" Models have Recoil & Electric Start

LF168F-2W = 6.5MHP 20mm Horizontal Threaded Output Shaft

LF168F-2Q = 6.5MHP Horizontal Keyway Output Shaft

LF168F-2-13111 = 6.5MHP Horizontal Tapered Output Shaft

LF177FP = 9MHP Horizontal Threaded Output Shaft

LF168F-2R = 6.5MHP with 2:1 Clutch Reduction

LF168F-2T = 6.5MHP 5/8" Horizontal Threaded Output Shaft

LF168F-2H = 6.5MHP with 6:1 Gear Reduction

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For Additional LIFAN Product Information,
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www.lifanpowerusa.com