

Specification of changfa Diesel engine



Model	160F	165F	CH170F
Type	Single cylinder ,vertical, 4-strokes	Single cylinder ,vertical, 4-strokes	Single cylinder、 horizontal、 4-strokes
Combustion system	Swirl combustion chamber	Swirl combustion chamber	Swirl combustion chamber
Bore × Stroke(mm × mm)	60 × 65 mm	65 × 65 mm	70 × 70 mm
Total displacement(L)	0.184 L	0.216 L	0.269 L
Compression ratio	21	21	21
Rated output	2.00 kW(2.7 HP) 3000 r/min	2.50 kW(3.4 HP) 3000 r/min	2.94 kW(4.0 HP) 2600 r/min
Max output	2.20 kW(3.0 HP) 3000 r/min	2.75 kW(3.7 HP) 3600 r/min	3.23 kW(4.4 HP) 2600 r/min
Specific fuel	326.4 g/kW.h	309.9 g/kW.h	289.7 g/kW.h
Cooling system consumption	Forced air cooled	Forced air cooled	Forced air cooled
lubrication system	Splashing	Splashing	Splashing
Starting system	Hand cranking	Hand cranking	Hand cranking
Net Weight	≤24 kg	≤26 kg	≤44 kg
Fuel/lubricate:			
Volume of oil tank	2.2 L	2.2 L	4.5 L
Volume of lubricate	1.00 L	1.00 L	1.20 L
Recommended starting system			
overall dimensions (L×W×H)(mm)	319 × 346 × 410	319 × 364 × 410	520 × 380 × 410