

-Diesel Engine:-



Diesel Engine



Product Model: KD170F/FE

Model	KD170F/FE
Type	Vertical, 1-cylinder, 4-stroke, air-cooled
Combustion system	Direct injection
Borexstorke [mm(in)]	70x55 (2.76x2.11)
Displacement [L(cc)]	0.211 (211)
Compression ratio	20:1
Rated power [KW/rpm]	2.5/3000,2.8/3600
Rated power [HP/rpm]	3.4/3000,3.8/3600
Rated speed (rpm)	3000/3600
Starting system	F: Recoil starter; E: Eletric starter
Fuel tank capacity [L(US.gal)]	2.5 (0.66)
Lube capacity [L(US.gal)]	0.75 (0.20)
Fuel consumption [g(ml)/KWh]	3600rpm: 288 (394)
	3000rpm: 280 (383)
Fuel	0 # (summer), -10 # (winter) diesel oil
Lube	SAE10W30 (above CC grade)
Overall dimension [mm(in)](LxWxH)	335x380x415 (13.19x14.96x16.34)
Net weight [kg(lbs)]	Recoil starter type: 27 (59.4)
	Electric starter type: 31 (68.2)
Rotation direction (view from flywheel)	Clockwise

Diesel Engine



Product Model: KD178F/FE

Model	KD178F/FE
Type	Vertical, 1-cylinder, 4-stroke, air-cooled
Combustion system	Direct injection
Bore×stroke [mm(in)]	78×62 (3.07×2.44)
Displacement [L(cc)]	0.296 (296)
Compression ratio	20:1
Rated power [KW/rpm]	3.7/3000,4./3600
Rated power [HP/rpm]	5.0/3000,5.5/3600
Rated speed (rpm)	3000/3600
Starting system	F: Recoil starter; E: Eletric starter
Fuel tank capacity [L(US.gal)]	3.5 (0.92)
Lube capacity [L(US.gal)]	1.1 (0.29)
Fuel consumption [g(ml)/KWh]	3000rpm: 276 (378)
	3600rpm: 285 (391)
Fuel	0 # (summer), -10 # (winter) diesel oil
Lube	SAE10W30 (above CC grade)
Overall dimension [mm(in)](L×W×H)	400×420×450 (15.75×16.54×17.72)
Net weight [kg(lbs)]	Recoil starter type: 33 (72.6)
	Electric starter type: 38 (83.6)
Rotation direction (view from flywheel)	Clockwise

Diesel Engine



Product Model: KD186F/FE

Model	KD186F/FE	KD186FA/FAE
Type	Vertical, 1-cylinder, 4-stroke, air-cooled	Vertical, 1-cylinder, 4-stroke, air-cooled
Combustion system	Direct injection	Direct injection
Borexstorke [mm(in)]	86x70 (3.39x2.76)	86x72 (3.39x2.83)
Displacement [L(cc)]	0.406 (406)	0.418 (418)
Compression ratio	19:1	19:1
Rated power [KW/rpm]	5.7/3000,6.3/3600	6.3/3600
Rated power [HP/rpm]	7.7/3000,8.6/3600	8.6/3600
Rated speed (rpm)	3000/3600	3600
Starting system	F: Recoil starter; E: Eletric starter	F: Recoil starter; E: Eletric starter
Fuel tank capacity [L(US.gal)]	5.5 (1.45)	5.5 (1.45)
Lube capacity [L(US.gal)]	1.65 (0.44)	1.65 (0.44)
Fuel consumption [g(ml)/KWh]	3000rpm: 275 (376)	3600rpm: 281 (385)
	3600rpm: 281 (385)	
Fuel	0 # (summer), -10 # (winter) diesel oil	0 # (summer), -10 # (winter) diesel oil
Lube	SAE10W30 (above CC grade)	CD or better than CD
Overall dimension [mm(in)](LxWxH)	420x440x495 (16.53x17.32x19.49)	420x440x495 (16.53x17.32x19.49)
Net weight [kg(lbs)]	Recoil starter type: 48 (105.6)	Recoil starter type: 48 (105.6)
	Electric starter type: 53 (116.6)	Electric starter type: 53 (116.6)
Rotation direction (view from flywheel)	Clockwise	Clockwise