

KAILO

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KA SERIES

Air cooled Diesel Engine



KDP SERIES

Air cooled Diesel Pump

SPECIFICATIONS

AIR COOLED DIESEL ENGINE

Model	KA178F	KA186F/FA	KA188F	KA192F
Type	Single-cylinder, 4 Stroke, Vertical, Air cooled, Direct Injection			
Bore*Stroke(mm)	78x62	86x70 / 86x72	88x75	92x75
Displacement(L)	0.296	0.406 / 0.418	0.456	0.498
Compression ratio	20		19	
Rate power/speed (KW(Hp))	3.68(5) / 4(5.5)	5.7(7.6) / 6.3(8.4)	7.5(10.3) / 8.2(11.2)	8.0(10.7) / 9.2(12.3)
Rate speed (r/min)	3000 / 3600			
Starting System	Recoil or Electric			
Rotation direction	Counter-clockwise View from output shaft			
Fuel/lube (L(US.gal))	3.5(0.92)	5.5(1.45)		
Fuel Consumption Rate(g/kw.h)	≤276.1 / ≤285.6	≤271.5 / ≤280	≤275 / ≤280	
Fuel Summer	0#Winter:-10#Light diesel oil			
Lube oil brand	CD(CD above) SAE10W-30,15W-40			
Net weight (kg)	33	48	49	50

AIR COOLED DIESEL PUMP

Model	KDP20	KDP30	KDP40
Diameter (mm)	50(2")	80(3")	100(4")
Max.Flow (m3/h)	22	30	40
Max.Lift (m)	15	13	16
Max.Suction Lift (m)	8	8	8
Rotational Speed (rpm)	3600	3600	3600
Self-priming time (s/4m)	80	120	180
Dimension (L*W*H)	490x405x515mm	558x450x550mm	650x480x610mm
Net weight (kg)	35	52	69
Engine Model	KA170F	KA178F	KA186F
Engine Type	Single-cylinder, vertical, four-stroke Air-cooled, direct injection		
Bore*stroke (mm)	70x55	78x62	86x70
Displacement (L)	0.211	0.296	0.406
Power (kw)	2.8 / 3600	4 / 3600	6.3 / 3600
Fuel Consumption rate (g.kw/h)	≤ 288	≤ 285.6	≤ 280
Compression Ratio	20		19
Lubrication System	Pressure Splashed		
Engine Starting System	Recoil Starter		
Fuel Type	Summer:0# , Winter:-10#		
Lube Oil Model	SAE10W - 30 (CD) (above CD grade)		
Lube Oil Capacity (L)	0.75	1.1	1.65
Fuel Tank Capacity (L)	2.5	3.5	5.5

Note: All data subject to alteration without notice.

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