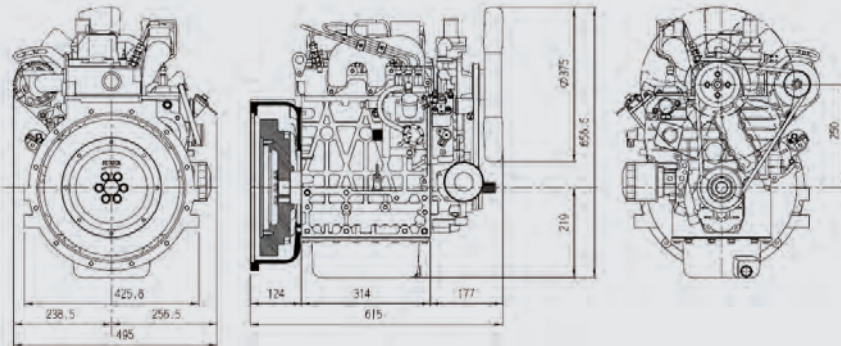


3A Series Engine



Model	3A139LW	3A139LF	3A165LW	
Type	Vertical Water-Cooled 4-Cycle Diesel Engine			
Emission compliance	Tier3	Tier4. NTE	Tier3	
Aspiration	Naturally Aspirated			
Combustion type	Swirl Chamber			
Max power	kW(HP)/rpm	20.9(28)/2600	18.3(24.5)/2600	25.4(34)/2600
Peak torque	Nm(kgfm)/rpm	86.3(8.8)/1700	78(7.9)/1900	105(10.7)/1700
Bare speed (low/high)	rpm	1000/2800	1200/2800	1000/2800
Dimension (LxWxH)	mm	615x495x628	605x489x695	615x495x628
Dry weight	kg(lb)	172(379)	165(363)	178(392)
Governor type	Mechanical	Mechanical+ECU	Mechanical	
Starter	12V-1.7kW			
Alternator	12V-50(70)Amp			
Flywheel / Housing	mm(in)	190(7-1/2) / SAE #4 & Rear plate		
Coolant Capacity	L	3.3		2.8
Engine Oil capacity	L	5.8		

Dimension



Performance

