

### FM APPROVED RATINGS KW/BHP

DQ6H MODEL λ	RATED SPEED			
	1470	1760	2100	
DQ6H-FMKA60		257 345	269 360	
DQ6H-FMKA88		280 375		
DQ6H-FMKA98	224 300	306 410		

λ= Non-Emissionized



Image shown represents a DQ6H engine model.

### ENGINE SPECIFICATIONS

DQ6H MODELS	FMKA60	FMKA88	FMKA98
Number of Cylinders	6		
Aspiration	TRWA		
Rotation*	CW		
Weight - kg (lb)	1134 (2500)		
Overall Dimensions - mm (in.)	1694 (66.7) H x 1692 (66.6) L x 1034 (40.7) W		
Compression Ratio	17:1		
Displacement - l (cu. in.)	11.1 (674)		
Engine Type	4 Cycle, 2 Valves per Cylinder, In-Line		
Bore & Stroke - mm (in.)	123 x 155 (4.84 x 6.1)		

**Abbreviations:** CW - Clockwise TRWA - Turbocharged with Raw Water Aftercooling L - Length W - Width H - Height

\*Rotation viewed from Heat Exchanger / Front of engine

### CERTIFIED POWER RATING

- Each engine is factory tested to verify power and performance



### ENGINE RATINGS BASELINES

- Engines are to be used for stationary emergency standby fire pump service only. Engines are to be tested in accordance with NFPA 25.
- Engines are rated at standard SAE conditions of 752.1 mm (29.61 in.) 25°C (77°F) inlet air temperature [approximates 91.4 m (300 ft.) above sea level] by the testing laboratory (see SAE Standard J 1349).
- A deduction of 3 percent from engine horsepower rating at standard SAE conditions shall be made for diesel engines for each 305 m (1000 ft.) altitude above 91.4 m (300 ft.)
- A deduction of 1 percent from engine horsepower rating as corrected to standard SAE conditions shall be made for diesel engines for every 5.6°C (10°F) above 25°C (77°F) ambient temperature.

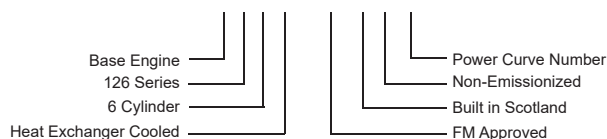
## ENGINE EQUIPMENT

EQUIPMENT	STANDARD	OPTIONAL
Air Cleaner	Direct Mounted, Washable, Indoor Service with Drip Shield	Disposable, Drip Proof, Indoor Service Outdoor Type, Single or Two Stage
Alternator	24V-DC, 45 Amps with Dual (2) V-Belt Drive with Guard	
Exhaust Protection	Blankets	
Coupling	Bare Flywheel	Listed Driveshaft CDS50-SC, Vertical Turbine Drivendisc
Exhaust Flex Connection	Stainless Steel Flex, Clamped Connection, 6"	Stainless Steel Flex, Clamped Connection, 8"
Flywheel Housing	SAE #1	
Flywheel Power Take Off	14.0" Industrial Flywheel Connection	
Fuel Connections	Fire Resistant, Flexible, USA Coast Guard Approved, Supply and Return Lines	
Fuel Filter	Primary and Secondary	
Fuel Injection System	Direct Injection, Inline Pump	
Engine Heater	230V-AC, 2000 Watt	115V-AC, 2000 Watt
Governor, Speed	Variable Speed, Mechanical	
Heat Exchanger	Tube and Shell Type, 60 PSI (4 BAR), NPT(F) Connections	Sea Water Compatible
Instrument Panel	Standard NEMA Type 4 (IP66) touch screen panel with digital tachometer, hour meter, water temperature, oil pressure and voltmeter gauges. Front Opening.  <i>Note: Previous models may include MECAB instrument panel in place of TSP-M.</i>	Stainless Steel NEMA Type 4X (IP66) touch screen panel with digital tachometer, hour meter, water temperature, oil pressure and voltmeter gauges. Front Opening.
Lube Oil Cooler	Engine Water Cooled, Plate Type	
Lube Oil Filter	Full Flow with By-Pass Valve	
Lube Oil Pump	Gear Driven, Gear Type	
Manual Start Control	On Instrument Panel with Control Position Warning Light	
Overspeed Control	Electronic with Reset and Test on Instrument Panel	
Raw Water Solenoid Operation	Automatic from Fire Pump Controller and from Engine Instrument Panel	
Run - Stop Control	On Instrument Panel with Control Position Warning Light	
Run Solenoid	24V-DC Energized to Stop	
Starters	One (1) 24V-DC with Two (2) Start Contactors	
Throttle Control	Adjustable Speed Control, Tamper Proof	
Water Pump	Centrifugal Type, Dual (2) V-Belt Drive with Guard	

**Abbreviations:** DC - Direct Current, AC - Alternating Current, SAE - Society of Automotive Engineers, NPT(F) - National Pipe Tapered Thread (Female), SS - Stainless Steel

### MODEL NOMENCLATURE (10 Digit Models)

DQ6H-FMKA60



Specifications and information contained in this brochure is subject to change without notice.