

UL Listed Fire Pump Engines

Specification

Engine Model		4105THE
Engine Type		Vertical, Water-cooling 4-stroke, direct-injection
Cooling Method		Heat Exchanger
Aspiration		Turbo-Charged
Number of Cylinders		4
Bore x Stroke (mm)		105*118
Compression Ratio		17.5:1
Total Displacement(L)		4.085
Net Power	KW/HP	72/98
Rated Speed	r/min	2920
Rated Torque	N.m	236
Fuel Consumption	g/kW.h	≤232
Rotating Direction at Output End		Counter-clockwise
Lubrication Oil Standard		CD15W40
Lubrication Oil Content	L	11
Lubrication Method		Pressure and Splash
Starting Method		Electric 24V
PTO Type		Stub Shaft
Net Weight	kgs	470

Engine Ratings Baselines

Engines are not to be used for continuous duty. Engines are to be used only for stationary emergency standby fire pump.

Engines are rated at standard SAE conditions of 29.61 in. (7,521 mm) Hg barometer and 77°F (25°C) inlet temperature (approximates 300ft. (91.4m) above sea level)

