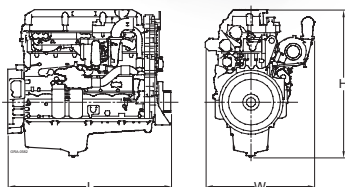
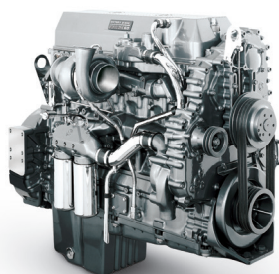




## Oil & Gas

# SERIES 60 - 14.0 L

## for PowerGen applications



Optional equipment and finishing shown. Standard may vary.

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
14.0 l	1455x1000x1280 (57x39x50)	1220 (2690)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine		
Bore/stroke	mm (in)	133/168 (5.2/6.6)
Cylinder configuration		6 cyl.-In-line
Displacement/cylinder	l (cu in)	2.33 (142)
Displacement, total	l (cu in)	14.0 (854)
Fuel specification		EN 590, Grade No.1-D/2-D

Application	Power definition	
3A	Continuous operation w/100% load	Load factor: ≤ 100 %, Operating hours: unrestricted, Overload: 10% capability (ICXN)
3B	Continuous operation w/ variable load	Load factor: < 75%, Operating hours: unrestricted, Overload: 10% capability (ICXN)
3C	Standby operation w/variable load	Load factor: < 85 %, Operating hours: max. 500 /yr, Overload: Fuel stop power (ICFN)

Power output within 5% tolerance at standard conditions. Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions) Consult your MTU distributor/dealer for the rating that will apply to your specific application.

		Continuous Power 3A	Prime Power 3B	Standby Power 3D
Optimization		☐	☐	☐
Application		Rated Power kW (bhp) at 1500 rpm (50 Hz)		
S60 (14.0 l)	6063HK35-7058	280 (375)	358 (480)	411 (511)
	6063HK35-7835	298 (400) 1	411 (511) 1	–
	6063HK35-7834	–	362 (485) 1	–
	6063HK35-8070	–	411 (511)	455 (610)

Optimization: 1 Exhaust emission TA-Luft, Edition 1986  
☐ Fuel consumption

		Continuous Power 3A	Prime Power 3B	Standby Power 3D
Optimization		3	3	3
Application		Rated Power kW (bhp) at 1500 rpm (50 Hz)		
S60 (14.0 l)	6063HK35-7497	280 (375)	356 (477)	410 (550)
	6063HK35-7833	354 (475)	410 (550)	–
	6063HK35-8069	–	465 (624)	511 (685)
	6063HK35-8154	–	–	474 (635)
Optimization		7	7	7
S60 (14.0 l)	6063HV35-8142	268 (359)	–	309 (414)
	6063HV35-8143	292 (392)	–	339 (455)
	6063HV35-8144	316 (424)	–	365 (489)
	6063HV35-8145	354 (475)	–	410 (550)
	6063HV35-8146	354 (475)	410 (550)	474 (635)
	6063HV35-8147	354 (475)	465 (624)	511 (685)

Optimization: 3 Exhaust emission EPA 40 CFR 89/Tier 2  
7 Exhaust emission EPA 40 CFR 89/Tier 3

Standard equipment	
Starting system	Electric starter 24 V, Belt driven 28 VDC/70 A alternator
Fuel system	Fuel main filter and pre-filter, Electronic unit injection system
Lube oil system	Lube oil filter
Combustion air system	Air-to-air charge air cooling
Exhaust gas system	Turbocharger outlet connection and mounting parts
Coolant system	Fan pulley and mounting support brackets
Flywheel/housing	Cast iron flywheel housing SAE 1
Electronics and instrumentation	Integrated electronic engine control and monitoring system DDEC
Optional equipment	
Combustion air system	Dry-type air filter for heavy duty use with pre-separator, contamination indicator, rain cap and mounting parts
Engine mounting	Mounting brackets, Resilient engine mounts (Rubber Elements)
Electronics and instrumentation	Monitoring displays and control panels

Reference conditions:

- > Intake-air temperature: 25°C (77°F)
- > Ambient air pressure: 1000 mbar (14.5 psi)
- > Altitude above sea level: 100 m (328 ft)
- > Rated power available up to 40°C (104°F) and 400 m (1312 ft)

Subject to change without notice. Customization possible.

Engines illustrated in this document may feature options not fitted as standard.