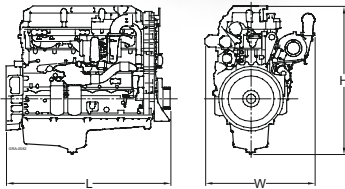
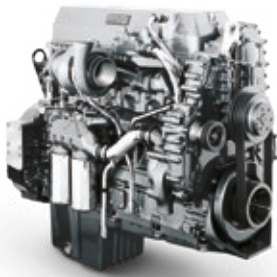




Industrial

SERIES 60 - 14.0 L

for C&I, Mining applications EPA Tier 2 compliant/EU Stage II compliant



Optional equipment and finishing shown. Standard may vary.

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
S60	1455x925x1380 (57x36x54)	1215 (2680)

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

Engine		
Bore/stroke	mm (in)	130/160 (5.1/6.3)
Cylinder configuration		6 cyl./In-line
Displacement	l (cu in)	2.33 (142)
Displacement, total	l (cu in)	14.0 (854)
Description		Exhaust turbocharging, charge-air cooling, high-pressure injection system with solenoid-controlled unit injection pumps, electronic engine management

		Rated power ICFN			Peak torque		
		kW	bhp	rpm	Nm	lb-ft	rpm
Application		Heavy duty operation (5A)					
S60	6063HK33-7490	336	450	2100	2237	1650	1350
Application		Medium duty operation (5B)					
S60	6063HK33-7491	391	525	2100	2373	1750	1350
	6063HK33-7492	397	533	2000	2373	1750	1350
	6063HK33-7493	410	550	2100	2373	1750	1350
	6063HK33-7495	410	550	2300	2373	1750	1350
	6063HK33-7496	429	575	2100	2373	1750	1350

EPA: Exhaust emission EPA Nonroad T2 Comp (40CFR89)
 EU: Exhaust emission EU Nonroad II Comp (97/68 EC)

		Rated power IFN			Peak torque		
		kW	bhp	rpm	Nm	lb-ft	rpm
Application		Short-time duty operation (5C)					
S60	6063HK45-7830	447	600	2100	2576	1900	1350
	6063HK33-7829	447	600	2100	2576	1900	1350
	6063HK33-7831	470	630	2100	2576	1900	1350
	6063HK33-7832	496	665	2300	2576	1900	1350
	6063HK45-7832	496	665	2300	2576	1900	1350

EPA: Exhaust emission EPA Nonroad T2 Comp (40CFR89)

EU: Exhaust emission EU Nonroad II Comp (97/68 EC)

Application	Power definition	
5A	Continuous operation w/100% load	Load factor: $\geq 60\%$, operating hours: unrestricted, overload: fuel stop (ICFN)
5B	Continuous operation w/variable load	Load factor: $< 60\%$, operating hours: unrestricted, overload: fuel stop (ICFN)
5C	Short-time operation w/variable load	Load factor: $< 75\%$, operating hours: max. 1000 p/y, overload: fuel stop (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 distributor/dealer for the rating that will apply to your specific application.

Standard equipment	
Starting system	Electric starter 12 V, alternator 28 VDC/70 amp, belt driven
Fuel system	Fuel main filter and pre-filter, electronic unit injection system
Lube oil system	Lube oil filter
Combustion air system	Set of dry-type airfilter with contamination indicator
Exhaust gas system	Turbocharger outlet connection and mounting parts
Coolant system	Radiator-cooler with mechanically driven fan for engines with air charge air cooling, with connecting parts for engine coolant circuit designed for 100% engine power, cooling air pressure loss 200 Pa, 40°C/104°F ambient air temp.
Flywheel/housing	Cast iron flywheel housing
Engine mounting	Resilient

Optional equipment	
Starting system	Electric starter 24 V
Fuel oil system	Electrical preheating unit
Flywheel/housing	Flexplate for Allison transmission
Accessory drives	One accessory drive for front or rear mounts
Certification	EPA, EU and MSHA/Canmet nonroad certification

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)

Subject to change without notice. Customization possible.

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