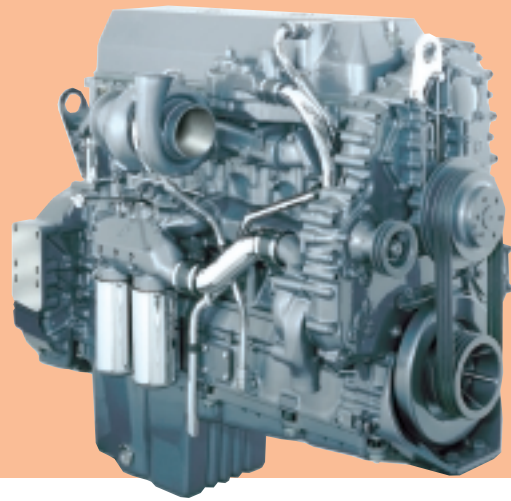


Series 60, 14.0 lit. for Stationary Industrial Engines

EPA Tier 3 certified



Engine model	Reference No.		Rated Power IFN			Peak Torque			Optimization*
	Model	06N04M	kW	bhp	rpm	Nm	lb-ft	rpm	
Application	4A (load factor ≥ 60 %)								
S60	6063HV33	8124	224	300	2100	1424	1050	1350	⑦
	6063HV33	8125	242	325	2100	1559	1150	1350	⑦
	6063HV33	8126	261	350	2100	1831	1350	1350	⑦
	6063HV33	8127	280	375	2100	1831	1350	1350	⑦
	6063HV33	8128	298	400	2100	1898	1400	1350	⑦
Application	4B (load factor < 60 %)								
S60	6063HV33	8130	317	425	2100	2000	1475	1350	⑦
	6063HV33	8132	336	450	2100	2102	1550	1350	⑦
	6063HV33	8133	354	475	2100	2102	1550	1350	⑦
	6063HV33	8135	391	525	2100	2373	1750	1350	⑦
	6063HV33	8137	410	550	2100	2373	1750	1350	⑦
	6063HV33	8138	447	600	2100	2576	1900	1350	⑦
Application	4C (load factor > 75 %)								
S60	6063HV33	8134	373	500	2100	2102	1530	1350	⑦
	6063HV33	8140	447	600	2100	2576	1900	1350	⑦
	6063HV33	8139	470	630	2100	2576	1900	1350	⑦
	6063HV33	8141	496	665	2300	2576	1900	1350	⑦

*Optimization

⑦ Exhaust emission (EPA 40 CFR 89 / Tier3)

Application	Definition	
4A	Rating Definition:	Heavy duty operation, Load factor ≥ 60%
	Operating hours:	unrestricted
	Overload:	Fuel stop (IFN)
4B	Rating Definition:	Medium duty operation, Load factor < 60%
	Operating hours:	unrestricted
	Overload:	Fuel stop (IFN)
4C	Rating Definition:	Short-time operation, Load factor >75%
	Operating hours:	max. 1000 h/year
	Overload:	Fuel stop (IFN)



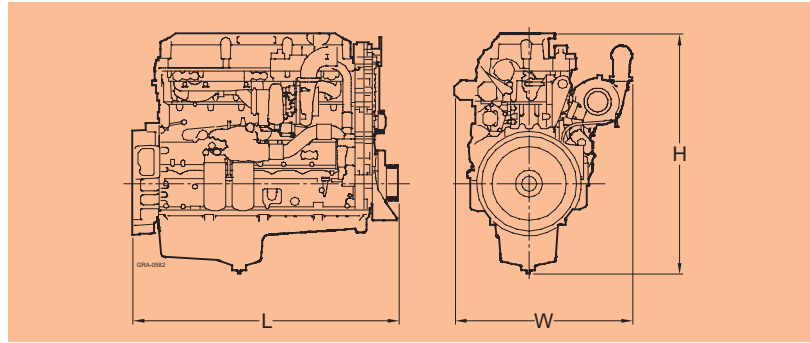
<https://www.barringtondieselclub.co.za/>



Technical Data

Engine Specification

Bore/Stroke	133/168 (5.2 / 6.6 in.)
Configuration	6 cyl.-In-line
Cylinder displacement	2.33 lit. (142 cu in)
Displacement, total	14.0 lit. (854 cu in)
Fuel specification	EN 590; Grade Nr. 1-D/2-D



Reference conditions:

Intake air temperature:	25°C (77° F)
Ambient air pressure	1000 mbar
Altitude above sea level:	100 m (328 ft)

Engine	Dimensions (L x W x H) mm (in)	Mass, dry kg (lbs)
S60	1455 x 1000 x 1280 (57 x 39 x 50)	1220 (2690)

All dimensions are approximate; for complete information refer to the installation drawing.
Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 standard conditions)

Standard Equipment

Starting System	Electric starter 12 V Alternator 28VDC / 70 amp., belt driven
Fuel Oil 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 clamp
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 temperature
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, EURO and MSHA / Canmet nonroad certification

Subject to change without notice. Customization possible.
Engines illustrated in this pamphlet may feature options not fitted as standard to standard engines.
Consult your Detroit Diesel or MTU distributor/dealer or any other authorized DaimlerChrysler representative for the rating that will apply to your specific application.

DaimlerChrysler Off-Highway

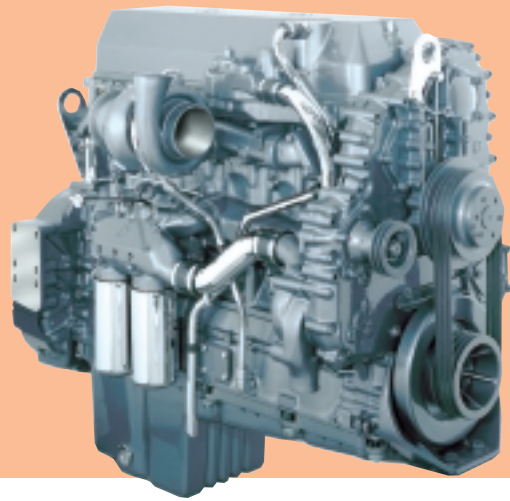
MTU Friedrichshafen GmbH
88040 Friedrichshafen
Germany
Phone +49 7541 90 80 24
Fax +49 7541 90 81 35
powergen@mtu-online.com
www.mtu-online.com

MTU Detroit Diesel
13400 Outer Drive, West
Detroit, Michigan 48239-4001, USA
Phone +1 313 592 7459
Fax +1 313 592 5158
powergen@detroitdiesel.com
www.mtudetroitdiesel.com

[BDC for Manuals - specs - Bolt torques
https://barringtondieselclub.co.za/](https://barringtondieselclub.co.za/)

Series 60, 14.0 lit. for Stationary Industrial Engines

EPA Tier 1/2, EC Stage 1/2 certified



Engine model	Reference No.		Rated Power IFN			Peak Torque			Optimization*
	Model	06N04M	kW	bhp	rpm	Nm	lb-ft	rpm	
Application	4A (load factor ≥ 60 %)								
S60	6063HK33	7490	336	450	2100	2237	1650	1350	③ ⑤
Application	4B (load factor < 60 %)								
S60	6063HK33	7291	410	550	2100	2373	1750	1200	②
	6063HK33	7296	410	550	2300	2373	1750	1200	② ④
	6063HK33	7491	391	525	2100	2373	1750	1350	③ ⑤
	6063HK33	7800	391	525	2100	2373	1750	1350	③ ⑤
	6063HK33	7492	397	533	2000	2373	1750	1350	③ ⑤
	6063HK33	7494	410	550	2100	2373	1750	1350	③ ⑤
	6063HK33	7495	410	550	2300	2373	1750	1350	③ ⑤
	6063HK33	7496	429	575	2100	2373	1750	1350	③ ⑤
	6063HK33	7829	447	600	2100	2576	1900	1350	③ ⑤
	6063HK33	7830	447	600	2300	2576	1900	1350	③ ⑤
Application	4C (load factor > 75 %)								
S60	6063HK33	7292	447	600	2100	2576	1900	1200	②
	6063HK33	7289	447	600	2300	2576	1900	1200	② ④
	6063HK33	7297	470	630	2100	2576	1900	1200	② ④
	6063HK33	7354	496	665	2300	2576	1900	1200	② ④
	6063HK33	7829	447	600	2100	2576	1900	1350	③ ⑤
	6063HK33	7830	447	600	2300	2576	1900	1350	③ ⑤
	6063HK33	7831	470	630	2100	2576	1900	1350	③ ⑤
	6063HK33	7832	496	665	2300	2576	1900	1350	③ ⑤

*Optimization

- ② Exhaust emission (EPA 40 CFR 89/Tier 1)
- ③ Exhaust emission (EPA 40 CFR 89/Tier 2)
- ④ Exhaust emission (EU 97/68 EC/Stage 1)
- ⑤ Exhaust emission (EU 97/68 EC/Stage 2)

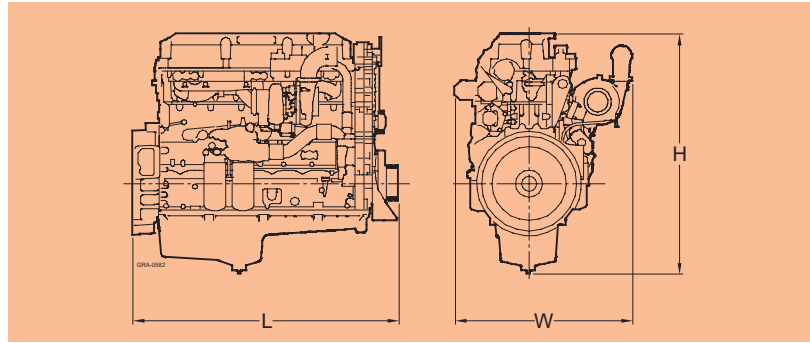
Application	Definition	
4A	Rating Definition:	Heavy duty operation, Load factor ≥ 60%
	Operating hours:	unrestricted
	Overload:	Fuel stop (IFN)
4B	Rating Definition:	Medium duty operation, Load factor < 60%
	Operating hours:	unrestricted
	Overload:	Fuel stop (IFN)
4C	Rating Definition:	Short-time operation, Load factor >75%
	Operating hours:	max. 1000 h/year
	Overload:	Fuel stop (IFN)



Technical Data

Engine Specification

Bore/Stroke	133/168 (5.2 / 6.6 in.)
Configuration	6 cyl.-In-line
Cylinder displacement	2.33 lit. (142 cu in)
Displacement, total	14.0 lit. (854 cu in)
Fuel specification	EN 590; Grade Nr. 1-D/2-D



Reference conditions:

Intake air temperature:	25°C (77° F)
Ambient air pressure	1000 mbar
Altitude above sea level:	100 m (328 ft)

Engine	Dimensions (L x W x H) mm (in)	Mass, dry kg (lbs)
S60	1455 x 1000 x 1280 (57 x 39 x 54)	1215 (2680)

All dimensions are approximate; for complete information refer to the installation drawing.
Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 standard conditions)

Standard Equipment

Starting System	Electric starter 12 V Alternator 28VDC / 70 amp., belt driven
Fuel Oil 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 clamp
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 temperature
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, EURO and MSHA / Canmet nonroad certification

Subject to change without notice. Customization possible.
Engines illustrated in this pamphlet may feature options not fitted as standard to standard engines.
Consult your Detroit Diesel or MTU distributor/dealer or any other authorized DaimlerChrysler representative for the rating that will apply to your specific application.

DaimlerChrysler Off-Highway

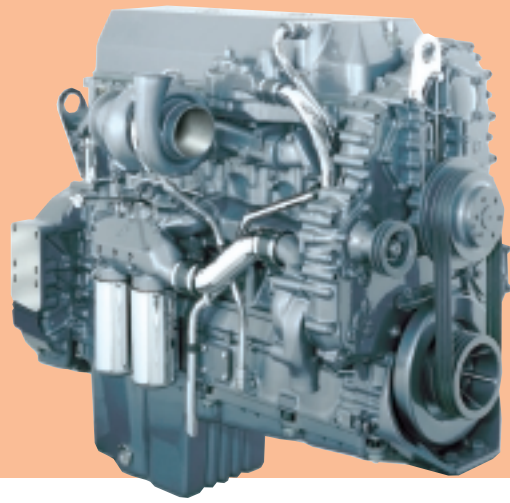
MTU Friedrichshafen GmbH
88040 Friedrichshafen
Germany
Phone +49 7541 90 80 24
Fax +49 7541 90 81 35
powergen@mtu-online.com
www.mtu-online.com

MTU Detroit Diesel
13400 Outer Drive, West
Detroit, Michigan 48239-4001, USA
Phone +1 313 592 7459
Fax +1 313 592 5158
powergen@detroitdiesel.com
www.mtudetroitdiesel.com

[BDC for Manuals - specs - Bolt torques
https://barringtondieselclub.co.za/](https://barringtondieselclub.co.za/)

Series 60, 12.7 lit. for Stationary Industrial Engines

EPA Tier 2/EC Stage 2 certified



Engine Modell	Reference No.		Rated Power (IFN)			Optimization*
	Model	06N04M	kW	bhp	rpm	
Application	4A (load factor ≥ 60%)					
S 60	6063MK33	7369	224	300	2100	③ ⑤
	6063MK33	7368	242	325	2100	③ ⑤
	6063MK33	7367	261	350	2100	③ ⑤
	6063MK33	7366	280	375	2100	③ ⑤
	6063MK33	7365	298	400	2100	③ ⑤
	6063MK33	7360	298	400	2200	③ ⑤
Application	4B (load factor < 60%)					
S 60	6063MK33	7364	317	425	2100	③ ⑤
	6063MK33	7359	332	445	2200	③ ⑤
	6063MK33	7363	336	450	2100	③ ⑤
	6063MK33	7362	354	475	2100	③ ⑤
Application	4C (load factor > 75%)					
S 60	6063MK33	7361	373	500	2100	③ ⑤
	6063MK33	7358	373	500	2300	③ ⑤

*Optimization ③ Exhaust emission (EPA 40 CFR 89 / Tier 2)
 ⑤ Exhaust emission (EU 97/68 EC / Stage 2)

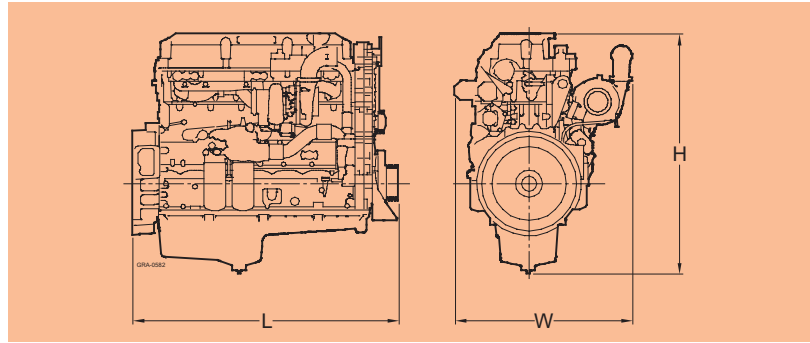
Application	Definition	
4A	Rating Definition:	Heavy duty operation, Load factor ≥ 60%
	Operating hours:	unrestricted
	Overload:	Fuel stop (IFN)
4B	Rating Definition:	Medium duty operation, Load factor < 60%
	Operating hours:	unrestricted
	Overload:	Fuel stop (IFN)
4C	Rating Definition:	Short-time operation, Load factor >75%
	Operating hours:	max. 1000 h/year
	Overload:	Fuel stop (IFN)



Technical Data

Engine Specification

Bore/Stroke	130/160 (5.1 / 6.3 in.)
Configuration	6 cyl.-In-line
Cylinder displacement	2.12 lit. (129 cu in)
Displacement, total	12.7 lit. (775 cu in)
Fuel specification	EN 590; Grade Nr. 1-D/2-D



Reference conditions:

Intake air temperature:	25°C (77° F)
Ambient air pressure	1000 mbar
Altitude above sea level:	100 m (328 ft)

Engine	Dimensions (L x W x H) mm (in)	Mass, dry kg (lbs)
S60	1455 x 1000 x 1280 (57 x 36 x 54)	1290 (2635)

All dimensions are approximate; for complete information refer to the installation drawing.
Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 standard conditions)

Standard Equipment

Starting System	Electric starter 12 V Alternator 28VDC / 70 amp., belt driven
Fuel Oil 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 clamp
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 temperature
Flywheel/Housing	Cast iron flywheel housing
Engine Mounting	Resilient
Electronics and Instrumentation	

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/rear mounts
Certification	EPA, EURO and MSHA / Canmet nonroad certification

Subject to change without notice. Customization possible.
Engines illustrated in this pamphlet may feature options not fitted as standard to standard engines.
Consult your Detroit Diesel or MTU distributor/dealer or any other authorized DaimlerChrysler representative for the rating that will apply to your specific application.



<https://www.barringtondieselclub.co.za/>

DaimlerChrysler Off-Highway

MTU Friedrichshafen GmbH
88040 Friedrichshafen
Germany
Phone +49 7541 90 80 24
Fax +49 7541 90 81 35
powergen@mtu-online.com
www.mtu-online.com

MTU Detroit Diesel
13400 Outer Drive, West
Detroit, Michigan 48239-4001, USA
Phone +1 313 592 7459
Fax +1 313 592 5158
powergen@detroitdiesel.com
www.mtudetroitdiesel.com

[BDC for Manuals - specs - Bolt torques](https://www.barringtondieselclub.co.za/)
<https://www.barringtondieselclub.co.za/>