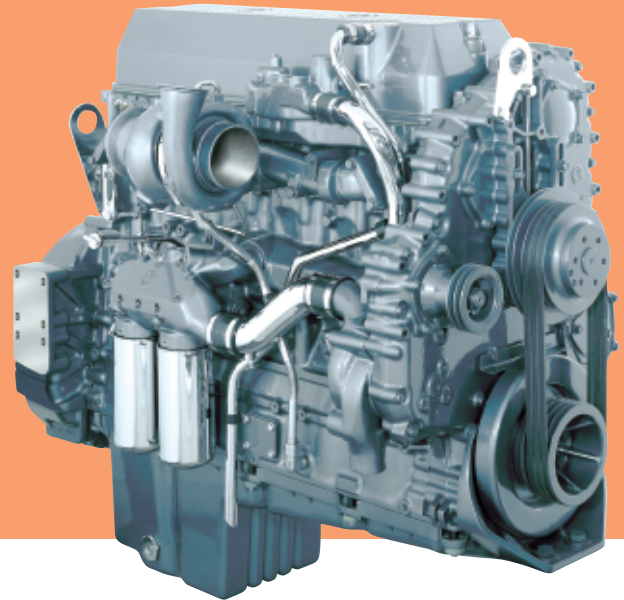


Series 60

Engines for Industrial Applications

EPA 1 / EC 1 compliant



Engine Model	DDC-Reference no.	Rated Power (5A)			Peak Torque		
		kW	bhp	rpm	Nm	lb-ft	rpm
S60 (12.7 l) 6 cyl./in-line	TK33-7276	261	350	2100	1704	1225	1200
	TK33-7275	280	375	2100	1763	1300	1200
	TK33-7278	298	400	2100	1898	1400	1200
	TK33-7341	298	400	2200	1830	1350	1200
Engine Model	DDC-Reference no.	Rated Power (5B)			Peak Torque		
S60 (12.7 l) 6 cyl./in-line	TK33-7277	317	425	2100	2000	1475	1200
	TK33-7340	332	445	2200	2000	1475	1200
	TK33-7280	336	450	2100	2102	1550	1200
	TK33-7279	354	475	2100	2102	1550	1200
S60 (14.0 l) 6 cyl./in-line	TK33-7296	410	550	2300	2373	1750	1200
Engine Model	DDC-Reference no.	Rated Power (5C)			Peak Torque		
S60 (12.7 l) 6 cyl./in-line	TK33-7281	373	500	2100	2102	1550	1200
	TK33-7339	373	500	2300	2237	1650	1200
S60 (14.0 l) 6 cyl./in-line	HK33-7289	447	600	2300	2576	1900	1200
	HK45-7289	447	600	2300	2576	1900	1200
	HK45-7295	447	600	2300	2237	1650	1200
	HK33-7297	470	630	2100	2576	1900	1200
	HK33-7354	496	665	2300	2576	1900	1200
	HK45-7354	496	665	2300	2576	1900	1200

EPA: US regulation 40 CFR part 89

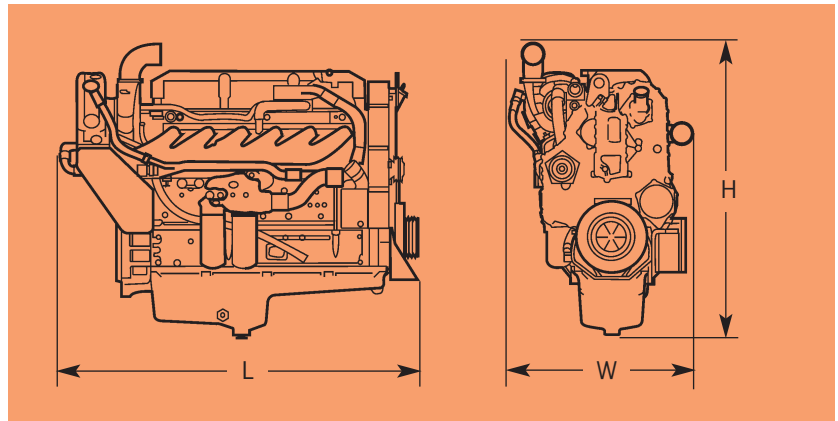
EC: EU directive 97/68 EC



Technical Data

Engine Specifications

Rated Power	IFN
Displacement total	12.7 l (775 cu in) 14.0 l (854 cu in)
Description	Exhaust turbocharging Charge-air cooling High-pressure injection system with solenoid-controlled unit injection pumps Electronic engine management



Application	Definition
5A	Heavy duty operation Load factor > 60%
5B	Medium duty operation Load factor < 60%
5C	Short-time operation

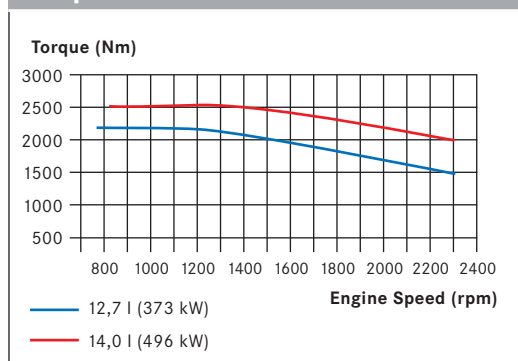
	Dimensions L x W x H mm (in)	Weight, dry kg (lbs)
12.7 l	1455 x 925 x 1380 (57 x 36 x 54)	1290 (2844)
14.0 l	1455 x 925 x 1380 (57 x 36 x 54)	1215 (2679)

All dimensions are approximate; for complete information refer to the installation drawing.
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 for the rating that will apply to your specific application.

Reference conditions:

- > Intake air temperature: 25°C (77°F)
- > Height above sea level: 100 m (328 ft)

Torque Curves



Power output within 5% tolerance at standard conditions.

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