

Technical data

Engine

Model	220 D	240 D		300 D	
Chassis Type	115.110	115.117	123.123	115.114	123.130
Engine	615.912	616.916	616.912	617.910	617.912
Operation	Four-stroke diesel engine				
Number of cylinder	4			5	
Arrangement of cylinders	Upright in line				
Bore	mm/in.	87/3.43	91/3.58 ¹⁾	90.90/3.58 ²⁾	
Stroke	mm/in.	92.4/3.64	92.4/3.64		
Total eff. piston displacement	cm ³ /cu.in.	2197/ 134.1	2404/146.7 ¹⁾ 2399/146.4 ²⁾	3005/183.4 ¹⁾ 2998/183 ²⁾	
Compression ratio	21:1				
Firing order	1-3-4-2			1-2-4-5-3	
Max. engine rpm (no load)	4350	5400	5200	5100	
Engine output	SAE net bhp/rpm	57/4200	62/4000	65/4200	77/4000
Max. torque	SAE net lb.ft./rpm	88/2400	97/2400	97/2400	115/2400
Crankshaft bearings	5			6	
Valve arrangement	Overhead				
Camshaft arrangement	OHC				
Oil cooling	Air-oil cooler				
Cooling	Water circulation pump, thermostat with by-pass line, fan with viscous coupling, finned tube radiator				
Lubrication	Forced oil circulation via gear-type oil pump				
Oil filter	Combination full-flow by-pass filter				
Air filter	Oil bath		Paper cartridge		

¹⁾ Up to model year 1978

²⁾ Starting model year 1979