

200

AVGAS ENGINE SERIES



For decades, students cutting their teeth in training airplanes were introduced to the wonders of flight powered by the Continental® O-200. Our tuned induction system provides improved cylinder-to-cylinder intake-air distribution for smoother operation and increased fuel efficiency in the IO-240 series. Then arrived the O200-D lightweight engine weighing in at 196 pounds. The O200-D lightweight offers aircraft builders a certified and pedigree engine that is lighter in weight without compromising performance, durability, or service life. This engine packs a powerful punch with 100 continuous horsepower at 2750 RPM. Pilots always remember the airplane they first soloed. With the amazing 200 series, they'll remember the engine too.

THE 200 SERIES IS A FAMILY OF AIR COOLED, NATURALLY ASPIRATED, HORIZONTALLY OPPOSED, 4-CYLINDER, GASOLINE, CARBURETED, SPARK IGNITION, FOUR-STROKE, DIRECT DRIVE, RIGHT (CW) ROTATING, AIRCRAFT ENGINE WITH MANUAL ENGINE CONTROLS FOR FIXED WING AIRCRAFT.

CERTIFIED FUELS:
80/87, 100/100LL AvGas

DISPLACEMENT:
3292 to 3928 cm³
201 to 240 in³

RATED POWER:
75 to 93 kW
100 to 125 HP

MAXIMUM RATED RPM:
2750 to 2800 r/min
2750 to 2800 rpm

BORE:
103.19 mm & 112.7 mm
4.062 in & 4.438 in

STROKE:
98.4 mm
3.875 in

COMPRESSION (COMP.) RATIO:
7.0:1 (200) & 8.5:1 (200D, 240)

HEIGHT:
589 to 667 mm
23.18 to 26.25 in

WIDTH:
798 to 802 mm
31.4 to 31.56 in

LENGTH:
666 to 739 mm
26.22 to 29.1 in

DRY WEIGHT:
89.3 to 131.2 kg
196.8 to 238.2 lbs

TIME BETWEEN OVERHAUL:
2000 to 2200 hrs or 12 yrs

200 AVGAS SERIES DETAILS



MODEL	# CYL	RATED POWER ¹	BORE × STROKE	DISPLACEMENT	DRY WEIGHT ²	CERTIFIED FUEL GRADE	COMP. RATIO	TIME BETWEEN OVERHAUL (TBO)	FAA TCDS
O-200-A	4	75 kW @ 2750	103.19 × 98.4 mm	3292 cm ³	98.0 kg	80/87	7.0:1	2000 hrs or 12 yrs	E-252
		100 HP @ 2750	4.063 × 3.875 in	201 in ³	216.1 lbs				
O-200-D	4	75 kW @ 2750	103.19 × 98.4 mm	3292 cm ³	89.3 kg	100/100LL	8.5:1	2200 hrs or 12 yrs	E-252
		100 HP @ 2750	4.063 × 3.875 in	201 in ³	196.8 lbs				

240 AVGAS SERIES DETAILS

MODEL	# CYL	RATED POWER ¹	BORE × STROKE	DISPLACEMENT	DRY WEIGHT ²	CERTIFIED FUEL GRADE	COMP. RATIO	TIME BETWEEN OVERHAUL (TBO)	FAA TCDS
IO-240-B	4	93 kW @ 2800	112.71 × 98.4 mm	3928 cm ³	125.9 kg	100/100LL	8.5:1	2200 hrs or 12 yrs	E750
		125 HP @ 2800	4.438 × 3.875 in	240 in ³	277.6 lbs				

1. Engine rated power at sea level standard day inlet conditions (29.92 in Hg, 59°F, 0 water vapor) with maximum allowable cylinder head and oil temperatures with full rich (maximum) fuel flow.

2. Dry engine weight including all accessories.

