

# 360

## AVGAS ENGINE SERIES



Power is everything in aviation. Give an airplane more to play with, and it will climb better and cruise faster, putting a business meeting within arm's reach or extra vacation time in your pocket. Some Continental® 360 series engines top the horsepower charts in this class, up to an impressive 220 horsepower in turbocharged and aftercooled form.

However, power is nothing without manners. All 360s have six smooth-running cylinders and are fuel injected for outstanding efficiency and range. Among the newest 360 series designs by Continental® is the IO-360-AF (Alternative Fuel) developed for lower octane/unleaded fuels in international markets. For the money, you'd be hard pressed to find a better value in the air.

**THE 360 SERIES IS A FAMILY OF AIR COOLED, NATURALLY ASPIRATED, HORIZONTALLY OPPOSED, 6-CYLINDER, GASOLINE, FUEL INJECTED, SPARK IGNITION, FOUR-STROKE, DIRECT DRIVE, RIGHT (CW) ROTATING, AIRCRAFT ENGINE WITH MANUAL ENGINE CONTROLS FOR FIXED WING AIRCRAFT.**

**CERTIFIED FUELS:**  
100/100LL  
AvGas minimum  
& alternative fuels

**DISPLACEMENT:**  
5892 cm<sup>3</sup>  
360 in<sup>3</sup>

**POWER:**  
145 to 164 kW  
195 to 220 HP

**MAXIMUM RATED RPM:**  
2575 to 2800 r/min  
2575 to 2800 rpm

**BORE:**  
112.71 mm  
4.438 in

**STROKE:**  
98.43 mm  
3.875 in

**COMPRESSION (COMP.) RATIO:**  
7.5:1  
8.5:1

**HEIGHT:**  
569.7 to 833.6 mm  
22.43 to 32.82 in

**WIDTH:**  
797.1 to 908.8 mm  
31.38 to 35.78 in

**LENGTH:**  
864.4 to 1460.5 mm  
34.03 to 57.5 in

**DRY WEIGHT:**  
150 to 205.2 kg  
330.6 to 452.3 lbs

**TIME BETWEEN OVERHAUL:**  
1600 to 2200 hours

# 360 AVGAS SERIES DETAILS



MODEL	# CYL	RATED POWER <sup>1</sup>	BORE × STROKE	DISPLACEMENT	DRY WEIGHT <sup>2</sup>	CERTIFIED FUEL GRADE	COMP. RATIO	TIME BETWEEN OVERHAUL (TBO)	FAA TCDS
IO-360-AF	6	145 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	151.7 kg	UL 91, UL 94 100/100LL	7.5:1	2200 hours or 12 years	E1CE
		195 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	334.5 lbs				
IO-360-CB	6	157 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	151.8 kg	100/100LL	8.5:1	1700 hours or 12 years	E1CE
		210 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	334.6 lbs				
IO-360-DB	6	157 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	150 kg	100/100LL	8.5:1	1700 hours or 12 years	E1CE
		210 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	330.6 lbs				
IO-360-ES	6	157 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	172.2 kg	100/100LL	8.5:1	2200 hours or 12 years	E1CE
		210 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	379.6 lbs				
IO-360-GB	6	157 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	150 kg	100/100LL	8.5:1	1700 hours or 12 years	E1CE
		210 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	330.6 lbs				
IO-360-HB	6	157 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	151.1 kg	100/100LL	8.5:1	1700 hours or 12 years	E1CE
		210 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	333.1 lbs				
IO-360-JB	6	145 kW @ 2600	112.7 × 98.4 mm	5892 cm <sup>3</sup>	150.3 kg	100/100LL	8.5:1	1700 hours or 12 years	E1CE
		195 HP @ 2600	4.438 × 3.87 in	360 in <sup>3</sup>	331.3 lbs				
IO-360-KB	6	145 kW @ 2600	112.7 × 98.4 mm	5892 cm <sup>3</sup>	151.2 kg	100/100LL	8.5:1	2200 hours or 12 years	E1CE
		195 HP @ 2600	4.438 × 3.875 in	360 in <sup>3</sup>	333.4 lbs				
TSIO-360-CB	6	155 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	161.4 kg	100/100LL	7.5:1	1600 hours or 12 years	E9CE
		208 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	355.7 lbs				
TSIO-360-EB	6	160 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	176.6 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		215 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	389.3 lbs				
LTSIO-360-EB	6	160 kW @ 2575	112.7 × 98.4 mm	5892 cm <sup>3</sup>	176.6 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		215 HP @ 2575	4.438 × 3.875 in	360 in <sup>3</sup>	389.3 lbs				
TSIO-360-FB	6	149 kW @ 2575	112.7 × 98.4 mm	5892 cm <sup>3</sup>	179.9 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		200 HP @ 2575	4.438 × 3.875 in	360 in <sup>3</sup>	396.6 lbs				
TSIO-360-KB	6	164 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	180.3 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		220 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	397.5 lbs				
LTSIO-360-KB	6	164 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	175 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		220 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	385.8 lbs				
TSIO-360-LB	6	157 kW @ 2800	112.7 × 98.4 mm	5892 cm <sup>3</sup>	179.7 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		210 HP @ 2800	4.438 × 3.875 in	360 in <sup>3</sup>	396.2 lbs				
TSIO-360-MB	6	157 kW @ 2700	112.7 × 98.4 mm	5892 cm <sup>3</sup>	205.2 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		210 HP @ 2700	4.438 × 3.875 in	360 in <sup>3</sup>	452.3 lbs				
TSIO-360-RB	6	164 kW @ 2700	112.7 × 98.4 mm	5892 cm <sup>3</sup>	185.4 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		220 HP @ 2700	4.438 × 3.875 in	360 in <sup>3</sup>	408.8 lbs				
LTSIO-360-RB	6	164 kW @ 2600	112.7 × 98.4 mm	5892 cm <sup>3</sup>	185.5 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		220 HP @ 2600	4.438 × 3.875 in	360 in <sup>3</sup>	409 lbs				
TSIO-360-SB	6	164 kW @ 2600	112.7 × 98.4 mm	5892 cm <sup>3</sup>	198.7 kg	100/100LL	7.5:1	2000 hours or 12 years	E9CE
		220 HP @ 2600	4.438 × 3.875 in	360 in <sup>3</sup>	438 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. Typical engine weight including all accessories.