

# CD-300

## JET-A ENGINE SERIES



Continental® continues its leadership in advanced technology by offering a line of Jet-A piston powered engines to meet the needs of a growing global market. Jet-A fueled engines offer distinctive advantages for your aircraft. A diesel cycle engine is designed for outstanding durability and reliability, making it suitable for commercial aviation applications. Jet-A fueled engines operate continuously in an efficient manner by design; therefore, they do not require leaning. Self-ignition means no danger of detonation, since fuel is not introduced until the optimal moment of combustion. The CD-300 series concept is a liquid-cooled and turbo-charged engine. The full line of Jet-A powered engines is yet another example of our commitment to the advancement of general aviation technology and customer value.

**THE CD-300 IS LIQUID COOLED, TURBOCHARGED, 6-CYLINDER, DIESEL, FUEL INJECTED, COMPRESSION IGNITION, FOUR-STROKE, GEARED, RIGHT (CW) ROTATING, AIRCRAFT ENGINE WITH FADEC DUAL CHANNEL ENGINE CONTROLS FOR FIXED WING AIRCRAFT.**

**CERTIFIED FUELS:**

Jet A1

**DISPLACEMENT:**

2987 cm<sup>3</sup>  
182.3 in<sup>3</sup>

**POWER:**

202 kW  
296 HP  
300 DIN HP

**TORQUE:**

918 Nm  
677 ft. lbs

**ENGINE SPEED RPM:**

3880 r/min  
3880 rpm

**BORE:**

83 mm  
3.26 in

**STROKE:**

92 mm  
3.62 in

**COMPRESSION**

**RATIO:**  
15.5:1

**HEIGHT:**

700 mm  
27 in

**WIDTH:**

790 mm  
31 in

**LENGTH:**

980 mm  
38.6 in

**DRY WEIGHT  
(INCLUDING GEARBOX):**

265 kg  
584 lbs

**TIME BETWEEN  
REPLACEMENT (TBR):**

1200 hours  
Projected 2000 hours

# CD-300 JET-A SERIES DETAILS

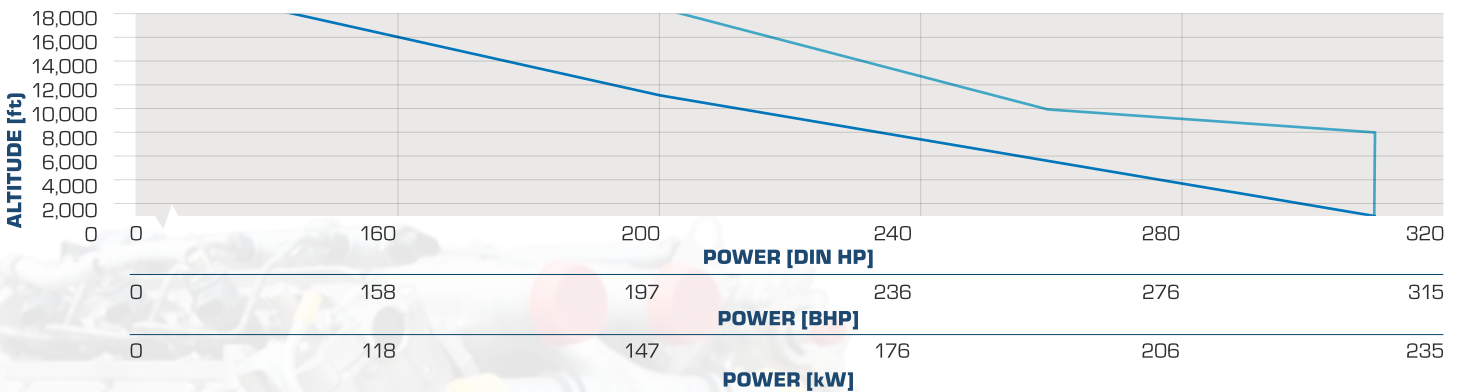


MODEL	# CYL	RATED POWER <sup>1</sup>				BORE × STROKE	DISPLACEMENT	DRY WEIGHT	CERTIFIED FUEL GRADE	COMPRESSION RATIO
		HP	kW	DIN HP	RPM					
CD-300	6	296	202	300	3880	83 x 92 mm	2987 cm <sup>3</sup>	265 kg	Jet A1	15.5:1
						3.268 x 3.622 in	182 in <sup>3</sup>	584 lbs		

1. Rated power is expressed in kW and DIN HP 15°C. To convert to BHP, multiply DIN HP by 0.98632.

## CD-300 ENGINE PERFORMANCE POWER AT ALTITUDE

■ Continental® CD-300  
■ Lycoming®\* IO-540-AC, 300 HP



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