

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 piston 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 cm³
182.3 in³

TAKE-OFF POWER (5MINS):

221 kW
296 HP
300 DIN HP

MAXIMUM CONTINUOUS POWER:

200 kW
268 HP
272 DIN HP

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:

930 mm
36.6 in

DRY WEIGHT (INCLUDING GEARBOX):

265 kg
584 lbs

TIME BETWEEN REPLACEMENT (TBR):

1200 hours
Projected 2000 hours

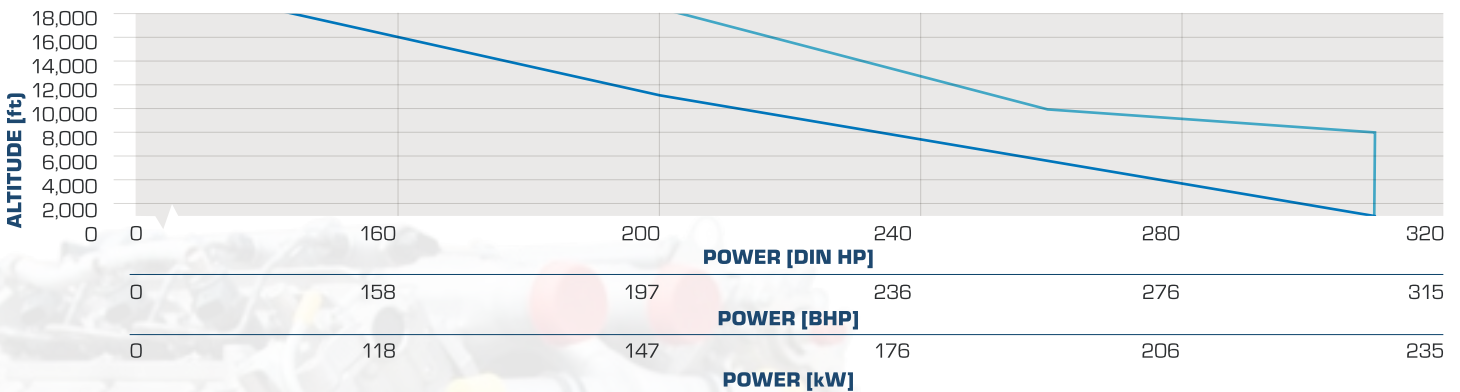
CD-300 JET-A SERIES DETAILS



MODEL	# CYL	TAKE-OFF POWER (5 MINS)			MAXIMUM CONTINUOUS POWER			RPM	BORE × STROKE	DISPLACEMENT	DRY WEIGHT	CERTIFIED FUEL GRADE	COMP. RATIO
		kW	HP	DIN HP	kW	HP	DIN HP						
CD-300	6	221	296	300	200	268	272	3880	83 x 92 mm	2987 cm ³	265 kg	Jet A1	15.5:1
									3.268 x 3.622 in	182 in ³	584 lbs		

CD-300 ENGINE PERFORMANCE POWER AT ALTITUDE

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



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