

CD-155

JET-A ENGINE SERIES

Continental® continues its leadership in advanced general aviation technology with Jet-A piston powered engines, meeting the needs of a growing global market. By offering Jet-A engines, customers gain distinctive advantages on their aircraft. A Jet-A diesel cycle engine, like a Continental® AvGas engine, is designed for outstanding durability and reliability, making it suitable for commercial aviation applications. Jet-A fuelled engines always operate in the lean condition, eliminating the extra fuel burn during rich of peak take off conditions. Continental® CD-155 Jet-A engine is automotive based, liquid cooled, and turbocharged. The engine is another example of our commitment to the advancement of general aviation technology.

THE CD-155 SERIES IS A FAMILY OF LIQUID COOLED, TURBOCHARGED, 4-CYLINDER, FUEL INJECTED, COMPRESSION IGNITION, FOUR-STROKE, GEARED, RIGHT (CW) ROTATING, AIRCRAFT ENGINE WITH FADEC DUAL CHANNEL ENGINE CONTROLS.

CERTIFIED FUELS:

Jet-A, Jet A1, Jet Fuel No. 3, TS-1, JB-8, JP-8+100, Diesel (EN 590)

DISPLACEMENT:

1991 cm³
122 in³

POWER:

114 kW
153 HP
155 DIN HP

SPEED:

2300 rpm

BORE:

83 mm
3.268 in

STROKE:

92 mm
3.622 in

COMP. RATIO:

15.5:1 (CD-155P)
18.0:1 (CD-155)

HEIGHT:

636 mm
25.03 in

WIDTH:

778 mm
30.63 in

LENGTH:

816 mm
32.12 in

DRY WEIGHT (INCLUDING GEARBOX):

134 kg
295.4 lbs

TIME BETWEEN REPLACEMENT (TBR):

1200 hrs (CD-155P)
2100 hrs (CD-155)
or 12 yrs

CONFIGURATION OPTIONS:

Tractor, Pusher

CD-155 JET-A SERIES DETAILS



MODEL	# CYL	RATED POWER ¹				BORE × STROKE	DISPLACEMENT	DRY WEIGHT	CERTIFIED FUEL GRADE	COMP. RATIO	EASA TCDS
		kW	HP	DIN HP	RPM						
CD-155	4	114	153	155	2300	83 x 92 mm	1991 cm ³	134 kg	Jet-A, Jet-A1, Jet Fuel No. 3, TS-1, JB-8, JP-8+100, Diesel (EN 590)	18.0:1	E.055
						3.268 x 3.622 in	122 in ³	295.4 lbs			
CD-155P	4	114	153	155	2300	83 x 92 mm	1991 cm ³	134 kg	Jet-A1, Diesel (EN 590)	15.5:1	E.055
						3.268 x 3.622 in	122 in ³	295.4 lbs			

1. Rated power is expressed in kW and DIN HP 15°C.

CD-155 ENGINE SERIES PERFORMANCE POWER AT ALTITUDE

— CD-155
— CD-155P

