

# CD-200

## 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. Jet-A diesel cycle engines, like Continental® AvGas engines, are designed for outstanding durability and reliability, making it suitable for commercial aviation applications. Jet-A engines operate continuously and efficiently by design and do not require leaning. The emissions produced by these engines including lead, nitrogen oxides, and more, are reduced significantly. CD-200 series engines are horizontally-opposed, air/oil cooled, 4-cylinder, and turbocharged. The full line of Jet-A powered engines is another example of our commitment to the advancement of general aviation technology.

**THE CD-230 TO CDR-285 IS A FAMILY OF FOUR-STROKE 4-CYLINDER, AIR/OIL-COOLED, HORIZONTALLY OPPOSED, DIRECT-DRIVE PISTON AIRCRAFT ENGINES WITH TURBOCHARGER AND DIRECT INJECTION. THE ENGINE HAS A MAXIMUM CONTINUOUS POWER OF 265 HP @2500 RPM OR 264 HP @ 2700 RPM IN A ROTORCRAFT APPLICATION.**

**CERTIFIED FUELS:**  
Jet-A, Jet-A1, TS-1,  
No 3 Jet Fuel

**DISPLACEMENT:**  
4976 cm<sup>3</sup>  
304 in<sup>3</sup>

**POWER:**  
172 to 195 kW  
234 to 265 HP

**MAXIMUM PROPELLER RPM:**  
2200 to 2700 rpm

**BORE:**  
126 mm  
4.96 in

**STROKE:**  
100 mm  
3.94 in

**COMPRESSION RATIO:**  
15:1

**HEIGHT:**  
676.4 mm  
26.63 in

**WIDTH:**  
926.3 mm  
36.47 in

**LENGTH:**  
860.7 mm  
33.89 in

**DRY WEIGHT:**  
198.8 kg  
438.3 lbs

**CRUISE FUEL CONSUMPTION:**  
44.44 liters/hour  
11.7 gallons/hour

**TIME BETWEEN OVERHAUL (TBO):**  
2000 to 2400 hours  
(Proposed)

# CD-200 JET-A SERIES DETAILS



MODEL	# CYL	RATED POWER <sup>1</sup>	BORE × STROKE	DISPLACEMENT	DRY WEIGHT	CERTIFIED FUEL GRADE	COMPRESSION RATIO	PROPOSED TIME BETWEEN OVERHAUL (TBO)
CD-230	4	172 kW @ 2200	126 x 100 mm	4968 cm <sup>3</sup>	198.8 kg	Jet-A, Jet-A1 TS-1 No 3 Jet Fuel	15:1	2000 hours or 12 years
		234 HP @ 2200	4.96 x 3.94 in	302 in <sup>3</sup>	438.3 lbs			
CD-265	4	195 kW @ 2500	126 x 100 mm	4976 cm <sup>3</sup>	198.8 kg	Jet-A, Jet-A1 TS-1 No 3 Jet Fuel	15:1	2400 hours or 12 years
		265 HP @ 2500	4.96 x 3.94 in	304 in <sup>3</sup>	438.3 lbs			

# CDR-200 JET-A SERIES DETAILS (ROTARY APPLICATION)

MODEL	# CYL	RATED POWER <sup>1</sup>	BORE × STROKE	DISPLACEMENT	DRY WEIGHT	CERTIFIED FUEL GRADE	COMPRESSION RATIO	PROPOSED TIME BETWEEN OVERHAUL (TBO)
CDR-265	4	194 kW @ 2700	126 x 100 mm	4988 cm <sup>3</sup>	198.8 kg	Jet-A, Jet-A1 TS-1 No 3 Jet Fuel	15:1	2200 hours or 12 years
		264 HP @ 2700	4.96 x 3.94 in	304 in <sup>3</sup>	483.3 lbs			

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