

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 cm³
304 in³

POWER:
172 to 195 kW
230 to 262 HP
233 to 265 DIN HP

MAXIMUM PROPELLER RPM:
2200 to 2700 rpm

BORE:
126 mm
4.96 in

STROKE:
100 mm
3.94 in

COMPRESSION RATIO:
15:1
17:1

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 ¹	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	4988 cm ³	198.8 kg	Jet-A, Jet-A1 TS-1 No 3 Jet Fuel	17:1	2000 hours or 12 years
		230 HP @ 2200						
		233 DIN HP @2200	4.96 x 3.94 in	304 in ³	438.3 lbs			
CD-265	4	195 kW @ 2500	126 x 100 mm	4976 cm ³	198.8 kg	Jet-A, Jet-A1 TS-1 No 3 Jet Fuel	15:1	2400 hours or 12 years
		262 HP @ 2500						
		265 DIN HP @ 2500	4.96 x 3.94 in	304 in ³	438.3 lbs			

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

MODEL	# CYL	RATED POWER ¹	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 ³	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 ³	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.