

# Bombardier Q200



## General

Crew	2+1
Passengers	37-39

## Engines

Number	Two Pratt & Whitney Canada PW123C/D turboprops
Power	2,150 shp
Propellers	Hamilton Standard 14SF-23 four-blade, reversible pitch

## Avionics

Honeywell SPZ-8000 dual-channel digital AFCS  
 Dual digital air data system  
 Primus 660 weather radar  
 Collins nav/comm systems

## Performance

### Range:

Maximum range (37 pax)	925NM	1,065SM	1,713KM
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### Speeds:

Maximum cruise speed	290 kts	334 mph	537 km/h
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### Airfield Performance:

FAR takeoff field length (SL, ISA) at MTOW	3,280 ft	1000 m
FAR landing field length (SL) at MLW	2,560 ft	780 m

### Ceiling:

Maximum operating altitude	25,000 ft	7,620 m
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### Noise Level:

	<b>EPNdB</b>
Takeoff	80.5
Sideline	85.6
Approach	94.7

## Dimensions

### External:

Length overall	73 ft	22.3 m
Wingspan	85 ft	25.9 m
Wing area (net)	585 ft <sup>2</sup>	54.3 m <sup>2</sup>
Height overall	24 ft 7 in	7.49 m
Fuselage maximum diameter	8 ft 10 in	2.69 m

### Internal:

Cabin length (excluding cockpit)	30 ft	9.1 m
Cabin maximum width (centreline)	8 ft 3 in	2.51 m
Cabin width (floor level)	6 ft 8 in	2.03 m
Maximum height	6 ft 5 in	1.95 m
Floor area (excluding cockpit)	254 ft <sup>2</sup>	23.6 m <sup>2</sup>
Cabin volume	1,328 ft <sup>3</sup>	37.6 m <sup>3</sup>
Baggage volume	300 ft <sup>3</sup>	8.5 m <sup>3</sup>

### Doors & exits:

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#### Passenger door (LH, fwd)

Height	5 ft 5 in	1.65 m
Width	2 ft 6 in	0.76 m
Height to sill	3 ft 7 in	1.09 m

#### Baggage door (LH, aft)

Height	5 ft	1.52 m
Width	4 ft 2 in	1.27 m
Height to sill	3 ft 7 in	1.09 m

### Weights

Maximum takeoff weight	36,300 lb	16,466 kg
Maximum landing weight	34,500 lb	15,649 kg
Maximum zero fuel weight	32,400 lb	14,696 kg
Typical operating weight empty	23,111 lb	10,483 kg
Maximum payload	9,289 lb	4,213 kg
Payload with full fuel	7,511 lb	3,407 kg
Fuel capacity	835 U.S. gal / 695 Imp. Gal	3,160 L

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All performance and specifications are subject to change without prior notice.  
 The aircraft type specification should be consulted for complete and current details.