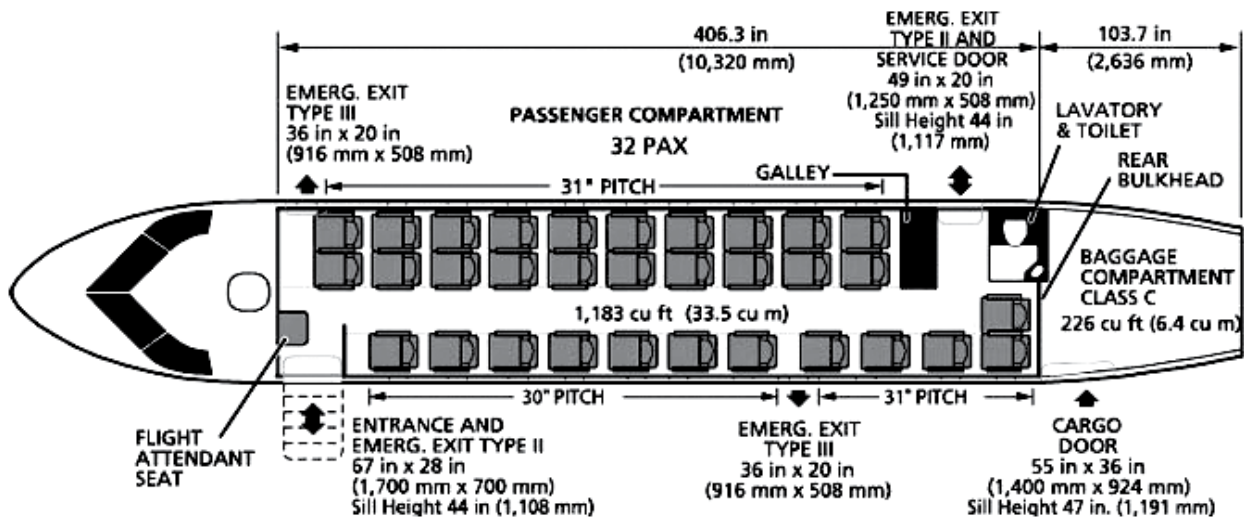
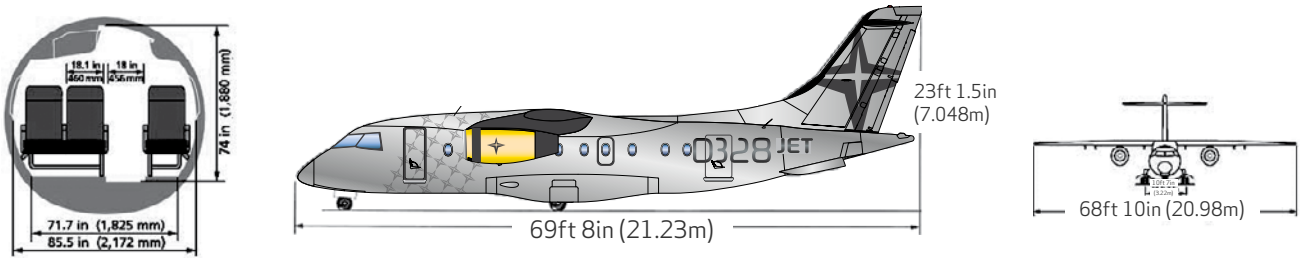


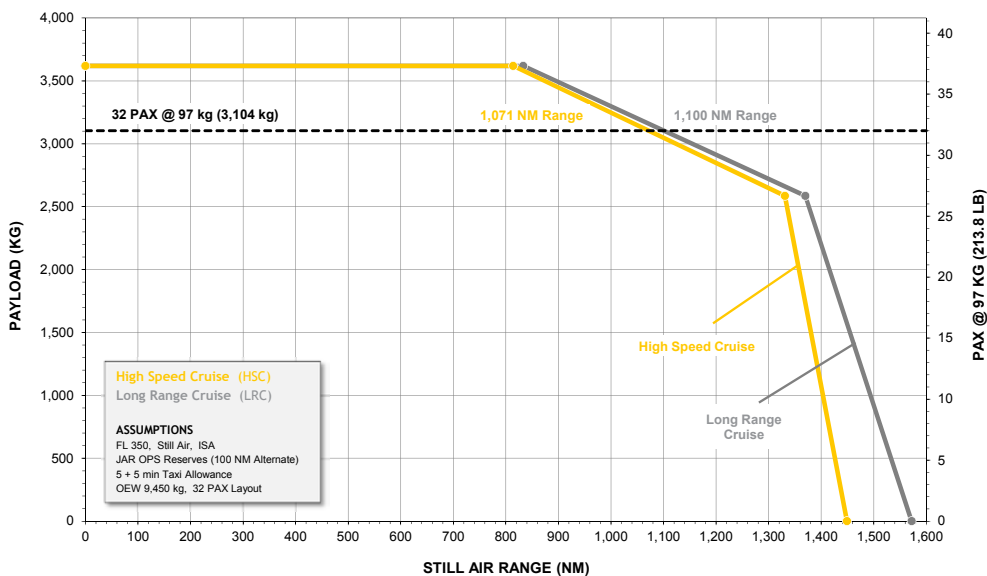


+49 8153 88111 2512  
 enquiries@328.eu  
 www.328.eu

# Dornier 328-310 (Heavy Jet)



## PAYLOAD RANGE CAPABILITY





## certification basis

Regulations	JAR 25 / FAR PART 25	
<b>SEATING</b>		
Crew & Passenger Capacity	3 + 32 = 35	
Cabin Volume	1.183 cu ft	33,5 cu m
Cabin Floor Area	203 sq ft	18,9 sq m
Cabin Baggage Volume	35 cu ft	1,0 cu m
35 cu ft	226 cu ft	6,4 cu m
1,0 cu m	1.653 lb	750 kg
<b>POWERPLANTS</b>		
Engine Manufacturer/Model	Pratt & Whitney Canada/PW 306B	
Takeoff Power	2x 6,050 lb	2x 26,9 kN
<b>PRESSURIZATION</b>		
Differential Pressure (STD)	6,75 psi	465 mbar
Sea Level Cabin Altitude	16.029 ft	4.886 m
Max Operating Altitude - STD	31.000 ft	9.449 m
Max Operating Altitude - OPT	35.000 ft	10.668 m
<b>BASIC WEIGHTS</b>		
Max Ramp Weight	34.789 lb	15.780 kg
Max Take Off Weight	34.524 lb	15.660 kg
Max Landing Weight	31.725 lb	14.390 kg
Max Zero Fuel Weight	28.814 lb	13.070 kg
Typical Operating Empty Weight (incl. crew)	20.768 lb	9.420 kg
Fuel Capacity (fuel density 0.80 kg/l)	8.011 lb	3.634 kg
Max Useful Load	13.757 lb	6.240 kg
Max Payload	8.047 lb	3.650 kg
<b>PERFORMANCE (ISA, SEA LEVEL)</b>		
Power Loading - MTOW	2.85 lb/lb thrust	291 kg/kN
Wing Loading - MTOW	80.2 lb/sq.ft	391.5 kg/sq.m
Takeoff Field Length - MTOW	4.485 ft	1.367 m
Initial Rate of Climb - MTOW	3.690 ft/min	1.125 m/min
Gross Climb Gradient 2nd Segment - MTOW	5.4 %	
Time to Climb to 31,000 ft - 95% MTOW	16,9 min	
Time to Climb to 35,000 ft - 95% MTOW	22,7 min	
Service Ceiling Single Engine - 95% MTOW	24.700 ft	7.529 m
Max Cruise Speed - 95% MTOW	400 kts	460 mi/h / 740 km/h
Landing Field Length - MLW (1/0.6) - 95% MTOW	4.285 ft	1.306 m

FLIGHT PERFORMANCE (ISA +10°C)							
DISTANCE		FLIGHT LEVEL	BLOCK TIME	BLOCK FUEL		PAX LOAD	SPEED
NM	KM			LB	KG		
100	185	170	0:32	954	433	32	HSC
200	370	270	0:48	1.528	693	32	HSC
300	556	350	1:05	1.910	866	32	HSC
400	741	350	1:21	2.358	1.070	32	HSC
500	926	350	1:37	2.808	1.274	32	HSC
600	1.111	350	1:53	3.260	1.479	32	HSC
700	1.296	350	2:09	3.715	1.685	32	HSC
800	1.482	350	2:25	4.173	1.893	32	HSC
900	1.667	350	2:41	4.635	2.102	32	HSC
1000	1.852	350	2:56	5.085	2.307	31	HSC

- No winds, 5 + 5 min. ground allowance, 3 min. maneuvering allowance  
100 nm IFR reserves with 45 min. LRC @ Cruising FL, Passenger weight 225 lb each

## basic configuration

Airline Transport Aircraft, alternatively: Corporate/Executive, Special Mission

2 Pilots, 1 Flight Attendant, 32 Passengers & Cargo

Operating Empty Weight is subject to equipment installed

## interior

32 seats standard, other configurations available as required  
Galley/Refreshment Center, Aft Lavatory, Wardrobes

## avionics (honeywell primus 2000)

EFIS, EICAS, 5 CRT's (7 in x 8 in), Flight Management System

Dual Primus II Integrated Radio System, Dual Integrated Avionics Computer

Automatic Flight Control System, Dual Digital Air Data Reference Unit

Dual Altitude and Heading Reference System, Primus 660 Weather Radar

Mode S Transponder, Fault Recording

Traffic Alert and Collision Avoidance System (TCAS 2000)

Enhanced Ground Proximity Warning System (EGPWS) with Wind Shear Detection & Guidance

## standard equipment

Air Turbine Starter, Allied-Signal GTCP 36-150 APU, Ground Spoiler

## optional equipment

GPS with Non Precision Approach, Primus 880 Weather Radar, HF, CAT II Approach

2nd FMS, RVSM Compliance, FL 350

Electronic Flight Bag, LED lights, SATCOM/WIFI