Dornier 328-300 (Light Jet)

**Colours / Finishes**
- Yellow: ref. pantone 109 / RAL 1003 GLOSS
- Black ref. 90% tint / RAL 7021 GLOSS
- Silver ref. Akzo Nobel 'moonglow silver' E99060 METALLIC

**PAYLOAD RANGE CAPABILITY**

High Speed Cruise (HSC)  
Long Range Cruise (LRC)

**ASSUMPTIONS**
- FL 350, Still Air, ISA
- JAR OPS Reserves (100 NM Alternate)
- 5 + 5 min Taxi Allowance
- OEW 9,320 kg, 32 PAX Layout

328 Group  -  18/06/2013  -  D328-100 & D328-300 Payload Range Charts - 2013-06-18.xlsx / Payload-Range (328-300) Page 2

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### FLIGHT PERFORMANCE (ISA +10°C)

<table>
<thead>
<tr>
<th>Distance</th>
<th>Block Time</th>
<th>Block Fuel</th>
<th>Pax Load</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM</td>
<td>KM</td>
<td>LB</td>
<td>KG</td>
<td></td>
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<tr>
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<td>185</td>
<td>170</td>
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<td>954</td>
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<td>370</td>
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<td>5.085</td>
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</tbody>
</table>

- 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

### Certification Basis

#### Regulations
- JAR 25 / FAR PART 25

### Seating
- Crew & Passenger Capacity: 3 + 32 = 35
- Cabin Volume: 1,183 cu ft / 33.6 cu m
- Cabin Floor Area: 203 sq ft / 18.9 sq m
- Cabin Baggage Volume: 35 cu ft / 1.0 cu m
- Max Take Off Weight: 33,510 lb / 15,200 kg

### Powerplants
- Engine Manufacturer/Model: Pratt & Whitney Canada/PW 306B
- Takeoff Power: 2x 6,050 lb / 2x 26.9 kN

### Pressure
- Differential Pressure (STD): 6.75 psi / 465 mbar
- Sea Level Cabin Altitude: 16,029 ft / 4,886 m

### Basic Weights
- Max Ramp Weight: 34,789 lb / 15,780 kg
- Max Take Off Weight: 33,510 lb / 15,200 kg
- Max Landing Weight: 31,063 lb / 14,090 kg
- Max Zero Fuel Weight: 27,800 lb / 12,610 kg
- Typical Operating Empty Weight: 20,28 lb / 9,200 kg

### Performance (ISA, Sea Level)
- Power Loading - MTOW: 2.85 lb/Ib 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 m/h / 740 km/h
- Landing Field Length - MLW (1/0.6)- 95% MTOW: 4,285 ft / 1,306 m

### 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
- 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