Dornier 328-100 (TP)

**Colours / Finishes**
- Yellow: ref. pantone 109 / RAL 1003 GLOSS
- Black ref. 90% tint / RAL 7021 GLOSS
- Silver ref. Akzo Nobel ‘moonglow silver’ E99060 METALLIC
- Pattern Black 40% tint

**Specifications**
- Length: 68ft 10in (20.98m)
- Height: 23ft 1.5in (7.048m)
- Width: 69ft 8in (21.23m)
- Cabin: 32 Pax

**Payload Range Capability**

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

**Assumptions**
- FL 310, Still Air, ISA
- JAR OPS Reserves (100 NM Alternate)
- 5 + 5 min Taxi Allowance
- OEW 9,100 kg, 32 Pax Layout

**Range**
- 708 NM Range
- 688 NM Range

**Payloads**
- 32 Pax @ 97 kg (3,104 kg)

**Graph Data**
- Payload Range Chart
- Still Air Range (NM)
- Payload (KG)

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PERFORMANCE (ISA, SEA LEVEL)

**Power Loading** - MTOW 7.07 lb/SHP 4.30 kg/kW

**Wing Loading** - MTOW 71.6 Ib/sq.ft 349.8 kg/sq.m

**Takeoff Field Length** - MTOW 3,570 ft 1,088 m

**Initial Rate of Climb** - MTOW 2.060 ft/min 628 m/min

**Gross Climb Gradient 2nd Segment - MTOW** 5.4 %

**Time to Climb to 25,000 ft - 95% MTOW** 14.5 min

**Service Ceiling Single Engine - 95% MTOW** 15,570 ft 4,746 m

**Max Cruise Speed - 95% MTOW** 335 kts 386 m/h / 620 km/h

**Landing Field Length - MLW (1/0.6)** 3.525 ft 1.075 m

**Landing Distance - MLW, unfactored (Part 91)** 2.115 ft 645 m

FLIGHT PERFORMANCE (ISA +10°C)

<table>
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<th>DISTANCE</th>
<th>FLIGHT LEVEL</th>
<th>BLOCK TIME</th>
<th>BLOCK FUEL</th>
<th>PAX LOAD</th>
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**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

**optional equipment**

Allied-Signal GTCP 36-150 APU, Ground Spoiler

5% Engine Thermodynamic Power Increase (PW 119C)

FL 310, RVSM Compliance, Steep Approach Supplement

GPS with Non Precision Approach, Primus 870 Weather Radar, HF, CAT II Approach

2nd Radar Altimeter, 2nd Mode S Transponder

Enhanced Ground Proximity Warning System (EGPWS)