

## TECHNICAL PERFORMANCE

### CAPACITY

|                    |           |
|--------------------|-----------|
| Flight Crew        | 2         |
| Minimum Cabin Crew | 2         |
| Passengers         | up to 103 |

### EXTERNAL DIMENSIONS

|            |   |       |
|------------|---|-------|
| Wings Span | m | 27.80 |
| Length     | m | 29.94 |
| Height     | m | 10.28 |

### BAGGAGE CAPACITY

|   |                |       |
|---|----------------|-------|
| Cargo Volume  | m <sup>3</sup> | 21.76 |
| Checked Baggage per Pax                             | m <sup>3</sup> | 0.25  |
| Total Baggage Capability<br>(checked and unchecked) | m <sup>3</sup> | 28.86 |
| Total Baggage per Pax                               | m <sup>3</sup> | 0.33  |

### PERFORMANCE

|   |    | Basic          | Long Range |
|---|----|----------------|------------|
| Maximum Range<br>87 seats (100 kg per pax)                                    | km | 2.960          | 4.320      |
| Maximum Cruise Speed  | M  | 0.81           | 0.81       |
| Takeoff Field Length(TOFL)<br>[ISA, SL, MTOW, zero wind,dry RWY,<br>no slope] | m  | 1.760 (1.675*) | 1.940      |
| Landing Field Length [MLW, ISA, SL,<br>zero wind, dry RWY, no slope ]         | m  | 1.425          | 1.425      |

### WEIGHTS

|                                 |    |        |        |
|---------------------------------|----|--------|--------|
| Maximumramp weight (MRW)        | kg | 46.080 | 49.650 |
| Maximum Takeoff Weight (MTOW)   | kg | 45.880 | 49.450 |
| Maximum Landing Weight (MLW)    | kg | 41.000 | 41.000 |
| Maximum Zero Fuel Weight (MZFW) | kg | 40.000 | 40.000 |
| Maximum Fuel Weight             | kg | 12.690 | 12.690 |

\*- B100 option with SaM-146-1S18 engine