

◆ **DEGREE OF PROTECTION :**

The motors are designed for protection IP55 according to @DIN EN 60034-5 (complete protection against contact, protection against harmful dust, so also, protection against water directed through a hose in any direction.

◆ **FRAME DESIGN :**

The motors are in Aluminium alloy housing. Terminal box for all the above frames is of Aluminium.

All foot mounted motors in frames 63 to 100 are with integral mounting feet. Foot mounted motors in frames 112 and 132 have bolted feet.

The motors are suitable for horizontal as well as vertical mounting - universal type of construction.

◆ **COOLING :**

The external cooling fan is of plastic and the fan cowl of corrosion protected sheet steel.

◆ **PAINT :**

The normal paint is in shade RAL 7030 (grey). This paint is suitable for climate group worldwide as per DIN IEC 721, Part 2-1 and also for aggressive atmospheres up to 1% acid and alkali concentration or permanent dampness in sheltered rooms.

◆ **RATING PLATE AND CE marking :**

The motors have international rating plate. The 50/60 Hz data, the service factor and CE marking are provided on the rating plate of all motors.

Bearings & Cable Sizes					
Frame Size	Motor Type	Bearings		Terminal Box Position	Maximum Conductor Size
		DE	NDE		
63	1LA206	6201 2ZC3	6201 2ZC3	Top @	1 x 2.5 mm ²
71	1LA707	6202 2ZC3	6202 2ZC3	Top @	1 x 2.5 mm ²
80	1LA708	6004 2ZC3	6004 2ZC3	Top @	1 x 2.5 mm ²
90 S	1LA709	6205 2ZC3	6004 2ZC3	Top @	1 x 2.5 mm ²
90 L	1LA709	6205 2ZC3	6004 2ZC3	Top @	1 x 2.5 mm ²
100 L	1LA710	6206 2ZC3	6205 2ZC3	Top*	2 x 4 mm ²
112 M	1LA7113	6206 2ZC3	6205 2ZC3	Top*	2 x 4 mm ²
132 S	1LA713	6208 2ZC3	6208 2ZC3	Top*	2 x 6 mm ²
132 M	1LA713	6208 2ZC3	6208 2ZC3	Top*	2 x 6 mm ²

@ can be rotated in steps of 90°

* integral with enclosure