

EFFICIENCY :

Efficiency values of motors remain unchanged from 100% to 60% of rated output utilisation.

NOISE LEVEL :

Motors are designed for low noise levels in accordance with IS : 12055.

COOLING AND VENTILATION :

Type of cooling is IC 0141 as per IS : 6362. All motors have an external, bi-directional centrifugal fan.




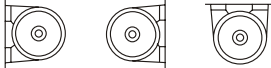






PAINT :

Standard paint (RAL 7030) is provided and is suitable for tropical conditions. However special paint is available on request.

CONSTRUCTION :

Standard motors with single shaft extension are horizontal foot mounted (IMB3 as per IS : 2253 and IEC 34, Part 7). Frame sizes 160M-315L (except 2 pole motors of frame size 315) in IMB3 construction, can be mounted in IMB6, IMB7, IMB8, IMV5 and IMV6 construction. Other types of construction as shown below, available on request.

TYPES OF CONSTRUCTION

	Type of construction	Frame Size
	IMB3	160M-355L
	IMB5	160M-315M ²⁾
	IMB35	160M-315L
	IMB6*, IMB7*, IMB8	160M-315L
	IMV5* without canopy	160M-280M 315M, 315L ¹⁾
	IMV5* with canopy	160M-315L ¹⁾
	IMV1 without canopy	160M-280M ²⁾ 315M, 315L ¹⁾
	IMV1 with canopy	160M-315L ¹⁾
	IMV3	160M-280M 315M
	IMV6*	160M-280M 315M, 315L ¹⁾

* For installation of foot mounting motors on a wall, a support should be provided for the mounting feet.

1. Two pole motors for 60Hz cannot be supplied from frame size 315L upwards.
2. The motors are delivered ex-works with two eyebolts corresponding to the type of construction 'IMB5' whereby one of them can be changed for achieving the type of construction 'IMV1'. It should be observed that the through hole of the eyebolt is fitted at right angles to the direction of force.