







DEGREE OF PROTECTION

The degree of protection as classified in IS:4691 is given below. It is denoted by two digits. The first digit denotes protection against solid bodies or particles and the second digit denotes protection against liquid. All our standard TEFC motors have degree of protection IP 55, unless otherwise specified.*

Second Characteristics Numeral →		0	1	2	3	4	5	6
First Characteristics Numeral ↓	No Protection							
		No Protection	Water Falling Vertically shall not harm	Water falling up to 15° from vertically shall not harm	Water falling up to 60° from vertically shall not harm	Water splashes shall not harm	Water projected by nozzle shall not harm	Water from heavy seas shall not harm
0	No Protection							
1	Special Protection against bodies 50 mm dia							
2	DP Protection against bodies 12 mm dia		IP 21	IP 22	IP 23			
4	TEFC Protection against bodies 1 mm dia					IP 44		
5	TEFC Protection against powder					IP 54	IP 55	IP 56

* Motors in Frame 63 to 132 are IP 54. However IP 55 could be offered, if requested.