

TABLE 3
DEGREES OF PROTECTION INDICATED BY THE FIRST AND SECOND CHARACTERISTIC NUMERALS [MG1 TABLE 5-1 & 5-2]

First Characteristic Numeral	Brief Description	Brief Definition	Second Characteristic Numeral	Brief Description	Brief Definition
—	—	—	7	Motor protected against effects of immersion	Ingress of water is not possible when immersed under stated conditions of pressure and time
—	—	—	8	Motor protected against continuous submersion	Motor is suitable for continuous submersion subject to conditions stated by the manufacturer

TABLE 4
TYPICAL METHODS OF COOLING (IC CODE)

NEMA	IC	Circuit Arrangement	Primary Coolant	Method of Movement	Secondary Coolant	Method of Movement
WP-I	IC	0	A	1		
WP-II	IC	0	A	1		
ODP	IC	0	A	1		
TEFC (guarded)	IC	4	A	1	A	1
TEBC	IC	4	A	1	A	6
TENV	IC	4	A	1	A	0
TEAO	IC	4	A	1	A	7

Complete designation — full description {3 or 5 numerals or letters {numeral letter numeral [letter numeral]}}

Simplified designation — 2 or 3 numerals or letters in the final position {numeral numeral numeral or numeral numeral letter}.

Example: The COMPLETE designation of TEFC guarded would be IC4A1A1; the SIMPLIFIED designation would be IC 411.

TABLE 5
UNFILTERED VIBRATION LIMITS [MG1-7.8.2]

Speed, rpm	Rotational Frequency, Hz	Velocity, in/s peak (mm/s)
3600	60	0.15 (3.8)
1800	30	0.15 (3.8)
1200	20	0.15 (3.8)
900	15	0.12 (3.0)
720	12	0.09 (2.3)
600	10	0.08 (2.0)