

3. Standards

3.3 Cooling

Designation system concerning methods of cooling refers to Standard IEC 34-6

Example

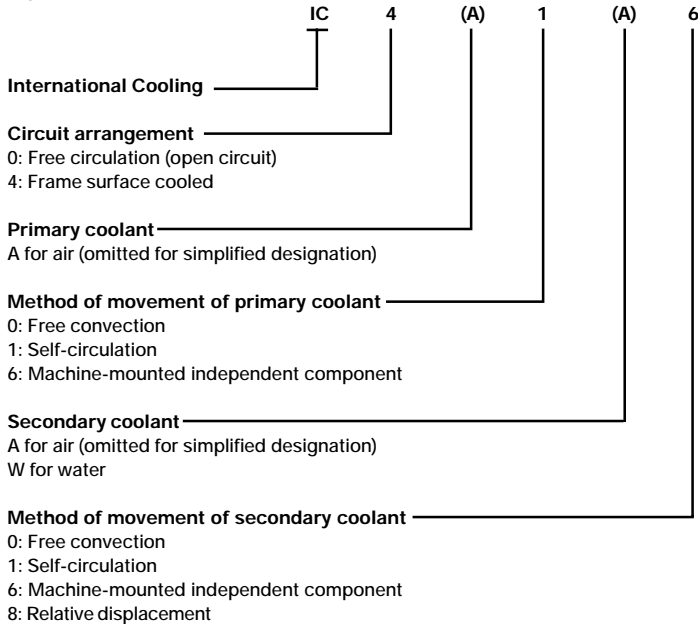


ABB Motors can deliver motors as below :

- IC 410: Totally enclosed motor without fan
- IC 411: Totally enclosed standard motor, frame surface cooled with fan
- IC 416: Totally enclosed motor with auxiliary fan motor
- IC 418: Totally enclosed motor, frame surface cooled without fan
- IC 01: Open motors
- IC 31W: Inlet and outlet pipe or duct circulated: water cooled

Note :

Motors without fan can deliver same output power provided installation are according to IC 418.

3. Standards

3.3 Cooling

Motors without fan according to IC 410 on request.

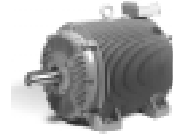
ABB Motors range:

Cooling designation

Motors range, frame sizes 63-400

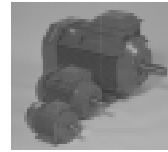
IC 410

Typical examples are roller table motors



IC 411

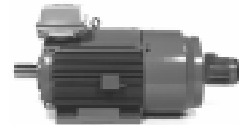
Standard motors



IC 416

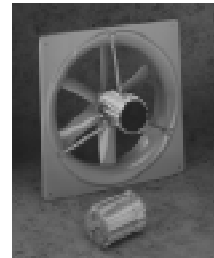
Standard motors

(Normally bigger frame sizes only equipped with auxiliary fan).



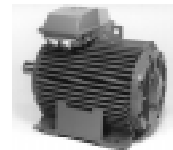
IC 418

Fan application motors without a cooling fan, cooled by the airstream of the driven machine



IC 01

Open drip proof motors



IC 31 W

Water cooled motors

