

# **INGRESS PROTECTION (IP) RATINGS FOR IEC ELECTRIC MOTORS**

**ALL  
TORQUE**  
INDUSTRIAL POWER TRANSMISSION SOLUTIONS



[www.alltorque.com.au](http://www.alltorque.com.au)

Code	Degree of Protection (SOLID)
0	No Protection
1	Protection against large foreign bodies (dia. <50mm)
2	Protection against medium foreign bodies (dia. <12.5mm)
3	Protection against small foreign bodies (dia. 2.5mm)
4	Protection against small foreign bodies (dia. <1mm)
5	Dust protected
6	Dust tight

Code	Degree of Protection (LIQUID)
0	No protection
1	Protection against vertical water drops
2	Protection against inclined water drops (15° from vertical)
3	Protection against splash water all directions (60° from vertical)
4	Protection against splash water all directions
5	Protection against water jets from any angle
6	Protection against temporary flooding
7	Protection against water submersion to 1m for 30min
8	Protection against high pressure water and indefinite submersion