

Cable Gland Recommended Torque REFERENCE TABLE - AGM series



CAUTION

The table below details the reference tightening torque values recommended for tightening of the cable gland.

Excessive tightening may damage, or cause deformation to the cable, or to the cable gland itself.

It is recommended to both utilize the table as a reference when tightening, as well as performing actual field testing to ascertain if the product/s are suitable to be used under the required conditions.

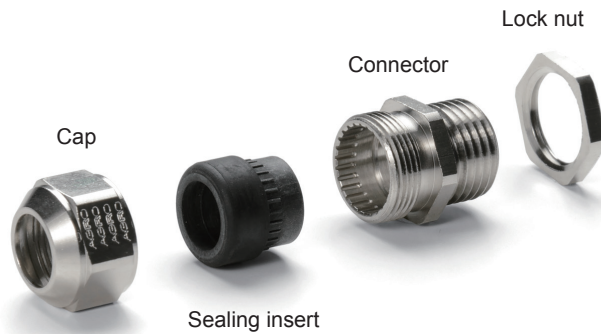
Precautions should be taken when tightening to prevent damage and deformation of the components.

When tightening, the connector should be held with a tool to prevent co-rotation.

Waterproofing ability may also be affected depending on the cable material, cable diameter tolerance, material hardness, environmental temperature, tightening method, and so on.

Listed tightening torque values are reference values only, and is to be used as a reference / guideline only.

Depending on usage conditions and environment, among other variables, required torque values may vary.



February 20, 2023

Product no.	Cable range	Recommended torque (N·m)	
		Cap	Lock nut
AGM6-2.5	φ 2.0~φ 2.5	0.5~1.2	1.8
AGM6-3	φ 2.5~φ 3.0	0.4~0.7	1.8
AGM6-3.5	φ 3.0~φ 3.5	0.4~0.7	1.8
AGM8-5	φ 3.5~φ 4.7	1.0~1.2	1.8
AGM10-6	φ 4.0~φ 6.0	1.0~2.0	2.0
AGM12-8	φ 6.5~φ 8.0	1.0	3.0
AGM16-10.5	φ 8.0~φ10.5	2.0~3.0	3.5
AGM20-15	φ11.0~φ15.0	3.0	3.5
AGM25-20	φ16.0~φ20.0	4.0	4.0
AGM32-25.5	φ21.0~φ25.5	4.0~4.5	5.0
AGM40-28.5	φ24.0~φ28.5	10.0	10.0
AGM40-33	φ28.5~φ33.0	10.0	10.0
AGM50-37	φ33.0~φ37.0	14.0	14.0
AGM50-42	φ37.0~φ42.0	14.0	14.0

*Listed values are for reference use only.