

Additional datasheet for protection degree IP68

1 General

According to EN 60 529, the conditions for the fulfillment of the degree of protection IP 68 between manufacturer and user must be agree on

SCHIEBEL actuators in protection class IP 68 - meet the following requirements :

Head of water max . 5m hydrostatic head , 72 hours

When submersed in other media additional corrosion protection measures may be required; please contact us.
Submersion in aggressive media , such as Acids or alkalis is not permitted.

2 IP68 design

The actuators are designed with special seals

The actuators are subjected to a special testing for tightness

3 Important notes

The degree of protection IP 68 refers to the interior of the actuators

The actuator must be sealed to the driven gear or for fitting to the flange surface against water ingress. Between the valve flange and the actuator, a suitable sealant must be used.

If a seal to the valve is not possible at the output forms a water inlet in case of flooding can not be ruled out.

When using output drive type A and Am (thread jack) as well as B and B1 can not be prevented in case of flooding that along the valve stem water from entering the bore of the hollow shaft and leads to corrosion. Moreover, the water runs in the thrust bearings of output drive type A, what corrosion and damage to the bearings may result.

Therefore, after flooding, the output form must be cleaned and dried out and hard to be greased at the grease nipples to the penetrated water is displaced.

