

Protection ratings for spring-applied brakes BFK457 and BFK458

The protection classes listed in the table were classified under the test conditions stipulated by the DIN EN 60529 standard (protection by housing) and the DIN EN 60034-5 standard (rotating electric machines).

usually restricted when it has a slot for manual release. Generally, if the brake is used in damp conditions, it is necessary to ensure there is water drainage and ventilation.

When the brake is mounted under the fan cowl, it is necessary for the brake to be protected by the fan and the cowl from splashes of water. This protection by the cowl is

Mounting position	BFK458 without additional components	BFK458 with seal and shaft seal	BFK457 without additional components
On the machine's free side frame	IP00	IP54	IP00
Under the fan cowl <i>without</i> manual release	IP55	IP55	IP55
Under the fan cowl <i>with</i> manual release	IP22	IP55	IP22

BFK458



BFK457



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