



All **ULKA** motors, both three-phase and single-phase, are available with brake. These motors, on the non-drive end, are equipped with a electro-magnetic spring-pressure brake with negative action. In absence of power supply, the brake stops the motor instantly (see tables).

The brake is attached to the motor through a cast-iron rear cover. The shafts of these motors are made by a special steel.

Direct current Brake “DC”

The direct current brakes are powered through a rectifier, usually connected to the motor terminal board .

We use an high-speed rectifier.

Alternating current Brake “AC”

The alternating current brakes are usually powered through the motor terminal board.

Upon request, we can provide additional terminal board.



ASYNCHRONOUS BRAKE MOTORS:

Asynchronous three phase brake motor for industrial applications, totally enclosed, externally fan-cooled.

- Brake power by alternating current A.C.
- Brake powered by direct current D.C.

Protection IP 55, Thermal insulation class F, Duty S1, Motor frame cast iron, Brake supply from separate line.

Sizes : 180 ... 280

Powers : 15 kW ... 55 kW

Braking torque : 130 Nm ... 600Nm

Poles : 2, 4, 6, 8



Asynchronous three phase brake motor for industrial applications, totally enclosed, externally fan-cooled.

- Brake power by alternating current A.C.
- Brake powered by direct current D.C.

Protection IP 55, Thermal insulation class F, Duty S1, Motor frame aluminium, Brake supply from separate line.

Sizes : 63 ... 160

Powers : 0,12 kW ... 18,5 kW

Braking torque : 2 Nm ... 200Nm

Poles : 2, 4, 6, 8



Asynchronous three phase or single phase brake motor for industrial applications, totally enclosed, externally fan-cooled.

- Brake power by alternating current A.C.
- Brake powered by direct current D.C.
- Brake decelerator or parking brake

Protection IP 55, Thermal insulation class F, Duty S1, Motor frame aluminium.

Sizes : 56 ... 160

Powers : 0,06 kW ... 26 kW

Braking torque : 2 Nm ... 200Nm

Poles : 2, 4, 6, 8, 2/4, 2/6, 2/8, 4/6, 4/8, 6/8

