

## Smoke Extraction Motors



### Description

These smoke removal systems are applied in a broad range of applications including large buildings, shopping malls, factories, warehouses, enclosed parking lots, tunnels, among others. In other words, they are used where a large concentration of people in commercial and industrial facilities is present. Additional advantages include reduction of damage and financial loss by preventing smoke logging, reduction of roof temperatures and delay in fire spreading.

### Features

- ✓ Suitable to operate at 200°C to 400 °C ambient temperature during 01 to 02 hours EN12101-3 (once only)
- ✓ Efficiency Level: Standard efficiency- IE1 – According to the IEC60034-30 Standard
- ✓ Output: 0.18 up to 440 kW
- ✓ Frame sizes: 80 to 355M/L
- ✓ Rubber drain plugs on both endshields
- ✓ Grease nipples for frames 160M to 355M/L
- ✓ Cooling method: TEAO (Totally enclosed air over)
- ✓ Voltage: 220-240/380-415//440-460 V for frames 80 to 100L and 380-415/660//440-460 V for frames 112M to 355M/L
- ✓ Mounting: B30L(D) for frames 80 to 250S/M and B3L(D) for frames 280S/M to 355M/L
- ✓ Degree of Protection: IP55
- ✓ Shaft sealing: V'ring for frames 80 to 200L and WSeal for frames 225S/M to 355M/L
- ✓ Supplied without terminal box and with 1 meter length loose leads
- ✓ Squirrel cage rotor / Aluminium die cast
- ✓ Class "H" insulation

## Available Sizes

Range KW	Speed	Duration
0.18KW to 400KW	2P,4P,6P,8P	200 °C/ 2 hours
0.18KW to 400KW	2P,4P,6P,8P	300 °C/ 1 hours
0.18KW to 400KW	2P,4P,6P,8P	400 °C/ 2 hours