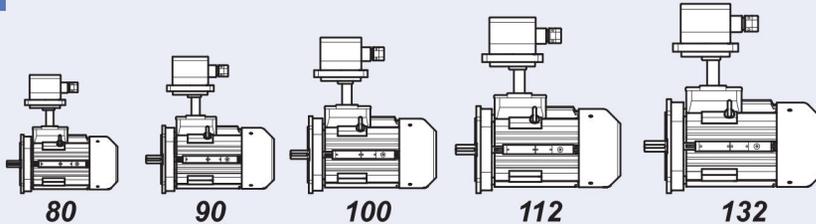


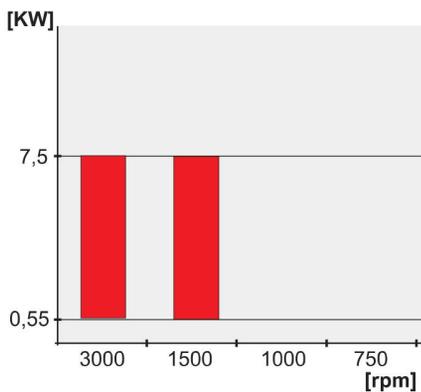
Flame-Proof Squirrel Cage Motors for Mining

Range of Motors:
dSOK(1) (for Axial Fans)

AVAILABLE FRAME SIZE



OUTPUT RANGE: 0,55 - 7,5 kW



The motors are designed for working in the mines endangered by the explosion of methane and coal dust, for driving the devices (pipes vents) which work in undergrounds of coal mines.



DESCRIPTION

- Operating duty S1
- Rated voltage: 500V, frequency 50 Hz
- Insulation class F, degree of protection IP 54
- Terminal box with one cable inlet (connected with the housing with distance tube and special flange) equipped in 3 current terminals, terminal for PE wire, CK1 unit
- Ambient temperature -20°C ÷ +40°C
- The cable inlet and terminals adapted for connection of mining copper cable conductors
- According to PN-EN 60034-1, PN-G- 38010:1997 (for 1000V) and EN 50014, EN 50018 for I group
- Motors as device from group I category M2 acc. to Directive 94/9/EC

CUSTOMISED VERSION

- Different supply voltage to 1000V
- Frequency 60 Hz
- Degree of protection IP66
- With thermal protection of winding
- With thermal protection of drive end bearing
- Terminal box with two cable inlets
- Terminal unit CK2 for testing of PE wire continuity (diode and resistor)
- With rubber ring seals for other cable diameter
- Different versions according to customer's specifications



ISO 9001

IEC

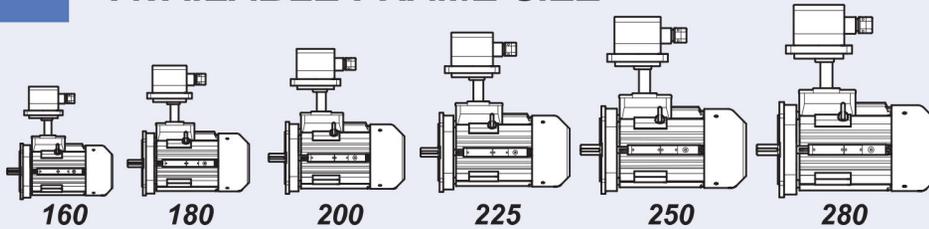
Detailed technical data on request.

Flame-Proof Squirrel Cage Motors for Mining

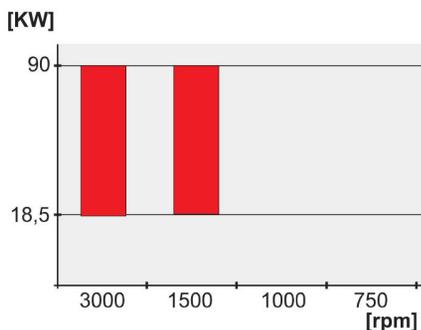
Range of Motors:

dSOKg-E (for Axial Fans)

AVAILABLE FRAME SIZE



OUTPUT RANGE: 18,5 - 90kW



The motors are designed for working in the mines endangered by the explosion of methane and coal dust. For driving the devices (pipes vents) working in undergrounds of coal mines.



I M2 EExd I
I M2 Exd I

acc. to EN 50014

acc. to EN 60079-0

DESCRIPTION

- Operating duty S1
- Rated voltage : 500V or 1000V
- Frequency 50 Hz
- Insulation class F
- Degree of protection IP 56
- Thermal protection of winding (bimetallic)
- Thermal protection of bearings (bimetallic) : frame 160 and 180 - drive end bearing, frame 200-225 both bearings
- Terminal box with one cable inlet (connected with the housing with distance tube and special flange) equipped with 3 current terminals, 3 or 4 auxiliary terminals , terminal for PE wire, CK1 unit
- Ambient temperature -20°C ÷ +40°C
- The cable inlet and terminals adapted for connection of mining copper cable conductors
- According to PN-EN 60034-1, PN-G- 38010:1997 (for 1000V) and EN 50014, EN 50018 for I group Motors as device from group I category M2 acc. to Directive 94/9/EC

CUSTOMISED VERSION

- Different supply voltage to 1140V
- Frequency 60 Hz
- With thermal protection of winding and bearings (PTC)
- With thermal protection of drive end bearing (frame 160 and 180)
- With Pt100 in winding or bearings
- With heaters in winding (frame 200 and 225)
- Terminal box with max 4 cable inlets, 6 current terminals and plug
- Terminal unit CK2 for testing of PE wire continuity (diode and resistor)
- With rubber ring seals for other cable diameter
- Different versions according to customer's specifications



ISO 9001

IEC

Detailed technical data on request.