

ENGINEERED TO PERFORM. BUILT TO LAST.

HIGH QUALITY MOTORS FOR
AGGRESSIVE MINING APPLICATIONS.

-  HIGH QUALITY
-  MAXIMUM EFFICIENCY
-  RUGGED RELIABILITY
-  SUPERIOR PROTECTION
-  LONG SERVICE LIFE

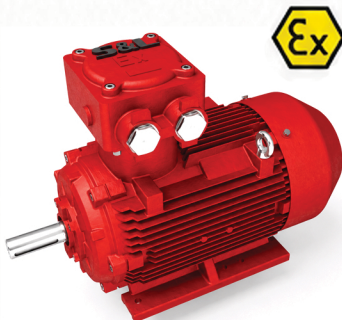
S&L AFRICA™ – POWERING AFRICA. DRIVING TOMORROW.

CAST IRON MOTOR



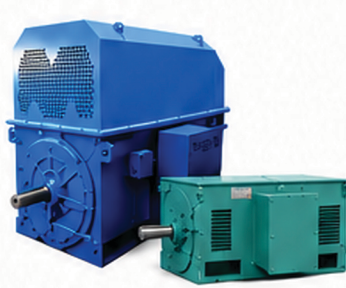
- Frame Size: H80 ~ H400
- Output Range: 0.75kW ~ 1000kW
- Voltage: 380V, 660V, 50Hz
400V, 690V, 50Hz / 440V, 60Hz
- Degree of Protection: IP55,
IP56, IP65
- Cooling Type: IC411, IC416, IC410
- Ambient: -20°C ~ +40°C /
-45°C ~ +40°C

SLEX SERIES MOTOR



- Output Range: 0.55 ~ 355kW
- Voltage: Max. 1140V
- Frequency: 50/60Hz
- Degree of Protection: IP55, IP56
- Cooling Type: T4
- Gas Group: IIB, IIC
- Dust Group: IIB, IIC
- Ambient: -40°C ~ +55°C

HIGH VOLTAGE MOTOR



- Frame Size: H355 ~ H800
- Output Range: 185kW ~ 5600kW
- Voltage: 3kV, 6kV, 10kV, 11kV
- Frequency: 50/60Hz
- Degree of Protection: IP23, IP55
- Cooling Type: IC01, IC611, IC616,
IC66, IC81W, IC86W, IC511
- Ambient: -20°C ~ +40°C /
-45°C ~ +40°C

EXPLOSION-PROOF HIGH VOLTAGE MOTOR



- Frame Size: H355 ~ H630
- Output Range: 185kW ~ 3150kW
- Voltage: 3kV, 6kV, 10kV, 11kV
- Degree of Protection: IP55
- Cooling Type: IC411, IC416
- Ex Protection: Exd I Mb
Ex d IIB T4Gb

LOW VOLTAGE HIGH CAPACITY MOTOR



- Frame Size: H315 ~ H560
- Output Range: Max. 2500kW
- Voltage: 380V, 660V, 400V,
690V, 1140V
- Degree of Protection: IP55, IP66
- Cooling Type: IC411, IC416

SLHV TEFC SERIES COMPACT HIGH VOLTAGE MOTOR



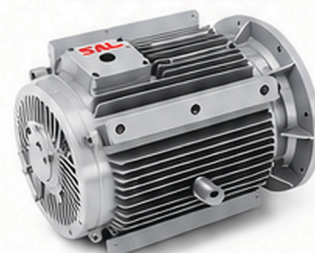
- Frame Size: H355 ~ H630
- Output Range: 185kW ~ 3150kW
- Voltage: 3kV, 6kV, 10kV, 11kV
- Degree of Protection: IP55
- Cooling Type: IC411, IC416

SLSF STEEL FRAME MOTOR



- High strength steel construction
- Designed for extreme duty cycles
- Superior structural integrity
- Excellent vibration resistance
- Ideal for underground mining
applications

SLPAD & SLAL CAST IRON & ALUMINIUM PAD MOUNTED MOTOR



- Compact and robust design
- Easy installation and maintenance
- High efficiency and low noise
- Multiple mounting configurations
- Ideal for pumps, fans,
compressors & conveyors

RUGGED RELIABILITY

Built with premium materials and advanced manufacturing for unmatched durability in harsh mining conditions.

THERMAL PERFORMANCE

Optimised cooling designs ensure stable operation and extended service life even under extreme ambient conditions.

SUPERIOR PROTECTION

IP55 – IP66 enclosures and explosion-proof options provide maximum protection against dust, moisture and hazardous atmospheres.

MAXIMUM EFFICIENCY

IE3, IE4 and IE5 efficiency classes deliver lower energy consumption and reduced total cost of ownership.

LONG SERVICE LIFE

Engineered for continuous duty with extended maintenance intervals and minimal downtime in the toughest environments.

APPLICATIONS



PUMPS



FANS



COMPRESSORS



CONVEYORS



CRUSHERS



MINING
EQUIPMENT

WHY CHOOSE S&L AFRICA®?

- ✓ Mining proven designs
- ✓ Local support & technical expertise
- ✓ Fast lead times & competitive pricing
- ✓ Full range LV & HV up to 11kV

CONTACT US

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