



Corporate

Information & Product Selection

Guide



Motors for the long run

Authorized Distributor

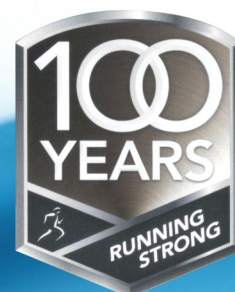


Approved
Partner

Large Drive (LD)
Mechanical Drive
(MD)



marathon™



MTT / SLA / HLA SERIES

Three Phase, cast aluminium motors, 2, 4, 6 and pole, 0.09 to 18.5kw, ideal for the OEM market. The SLA series features a multi-mount arrangement incorporating bolt on feet or pad mount configuration.

- Lightweight
- Top mounted terminal box standard (rotatable)
- Ideal for alloy gear boxes
- B3, B5, B14A, multi, pad mounting
- Multi speed available
- SLA is MEPS (2002) compliant (Eff2)



HK / SGA / MART SERIES

Enhanced performance cast iron three phase squirrel cage motors. Low temperature rise through conservative design. 0.37 to 315kw, frames 71 to 355. 2, 4, 6, 8 and 10 pole. IP55 protection.

- Robust construction
- Generous service factors
- Hazardous location versions: Ex e, Ex n, DIP
- Mining spec versions
- HGA is MEPS (2006) compliant (Eff1)
- Smokespill applications
- Multi speed
- Left hand and top mount terminal box also available
- SGA is MEPS (2002) compliant (Eff2)

HGA / HJN - CAST IRON MOTORS

- Ie2 industrial heavy duty cast iron motors
- Standard with thermal protection 3xPTCs 150°C
- Power range: 0.75kW~355kW
- IEC sizes 80~355, class F/B, Ip55
- Available with RHS or LHS terminal box for sizes 80~315
- Available with "Stromag" brake
- Quality Bearings (SKF, FAG, NTN)



HPD SERIES

Hazardous location Ex d, zone 1, Group IIA & IIB, T4 temperature class motors. Cast iron, Ip66, three phase 0.55 to 90kw. 2, 4, 6 and 8 pole

- Top mounted terminal box
- Class F Insulation
- Low noise
- Meets IEC Standards
- Foot or flange mounting
- Up to 1100 volts
- Complies with AS3947-2



cemp®
 Flameproof
 Motors

- Frame size 355 (IEC)
- Power from 160 to 375kw
- Three phase 1 or 2 Speed
- 400 V, 50Hz
- Pole 2, 4, 6
- IP55 with terminal box IP65
- Multi-voltage power supply: 380-400-420V / 50Hz and 460V/ 60Hz
- Class F Insulation
- PTC thermistor



PPA and PPC SERIES (MINING MOTORS)

Premium motors. High efficiency, cast iron constructions, IP66, three phase 0.55 to 1000kw. 2, 4, 6 and 8 pole. Australian (PPA) and CENELEC (PPC) kw frame allocations. Complies with MEPS high efficiency standards as per AS / NZS 1359.5-2000

- Class H insulation
- Thru flush grease relief valves
- Low noise
- Epoxy paint
- AS / NZS 1359 (IEC 60034 & 60072) dimensions
- Frames 80 to 450

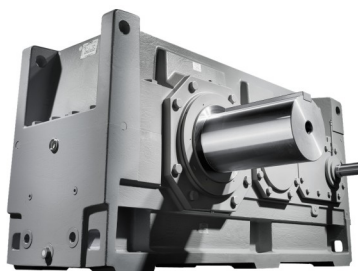
GEAR UNITS



STANDAR GEARBOX (FZG)



PLANETARY GEARBOX_00535V

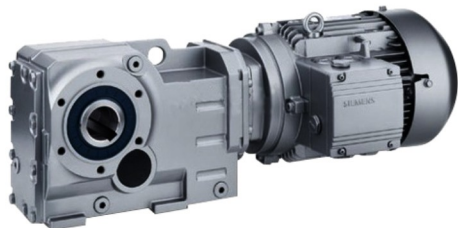


FZG HORIZONTAL GEARBOX

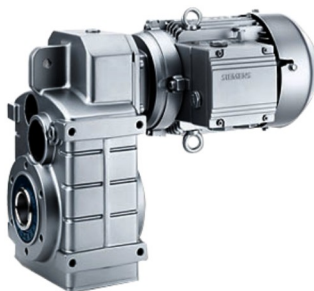


CUSTOMED GEARBOX_00483V

GEARED MOTOR



BEVEL HELICAL GEARED MOTORS



PARALLEL SHAFT GEARED MOTORS



HELICAL GEARED MOTORS D-Z

COUPLING

RIGID



ZAPEX SERIES

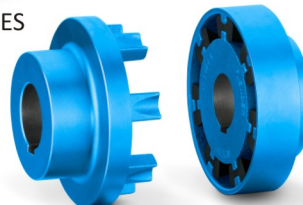
FLEXIBLE



ELPEX SERIES



RUPEX SERIES



N-EUPEX SERIES

FLUID



FLUIDEX SERIES

VERKOL INDUSTRY LUBRICANTS

CLOSED NGEARBOXES:

- COMPOUND-E
- COMPOUND-MP
- VERCOL GT-7
- CORVYS-EP
- PATELA

HYDRAULICS AND TRANSMISSIONS:

- VESTA HLP
- VESTA HLP SUPERFILTRADO
- VESTA HV
- GLYNKOL HFC

SLIDEWAYS:

- GULAS

GREASES SPECIAL APPLICATIONS:

- ANTARES-2 EP
- ATLANTA
- CADENAS-WT
- COBERTONE
- GVA-MO
- VERKOL ALC
- VERKOLMAX SG
- VERKOLPLEX XP
- PASTA DE COBRE

HEAT TRANSFER:

- TERMAL 320

COMPRESSOR:

- NAVAPAR
- NAVASYNT
- NAVA

CHAIN OILS:

- SYNKOL

GREASE MULTIPURPOSE:

- EPX
- ASTURUS

LUBRICANT H1 FOOD-GRADE FOR THE FOOD INDUSTRY

OIL:

- LACERTA FG
- VESTA FG 32, 46, 68
- NAVASYNT FG 46
- COMPOUND FG 220, 320, 460
- VASELINE MADICINAL

GREASES:

- VERKOL FOOD FG 2
- VERKOL FOOD COMPLEX
- VERKOL FOOD WR-2
- VERKOL FOOD LT-2
- MERKUR 55



KOP-FLEX®

Coupling Products Offer Many Customized Application Designs That Are Engineered The Following Specifications:

- API (American Petroleum Institute) 671 (ISO 10441) • API 610 (ISO 13409) • or your own specifications



GRID COUPLINGS



DISC COUPLINGS



DIAPHRAGM COUPLINGS



INDOOR CT & PT



CAST RESIN TRANSFORMER

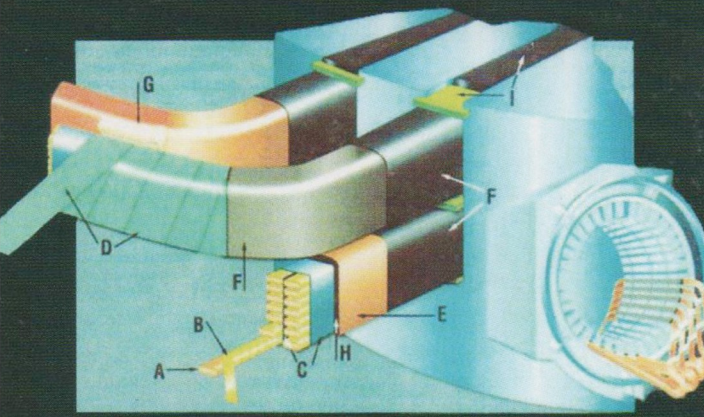


HERMETICALLY & CONSERVATOR DISTRIBUTOR TRANSFORMER

Since 2017 - Transformer - Electro Motor Cleaning, Re-Varnish, Bake Oven, Dynamic Balancing, Mechanical, Testing

Glossary

Insulation Systems



Important: the combination of all different materials included in this selector guide in regards of compatibility have to be confirmed by VRI personnel

- A. Conductor:
Copper Conductor
- B. Conductor insulation:
Direct insulation of copper conductors
- C. Stack consolidation:
Materials used to maintain the different conduction assembled
- E. Finishing tapes:
Tapes used in areas where main wall tapes could be damaged such as in overhangs or angles
- F. Corona Protection:
Electrical conductive and semi conductive tapes to protect against the corona effect
- G. Winding and bracing:
Materials for tying applications, specially designed for the VPI impregnation process
- H. VPI Resins:
Impregnation medium. The selection of the resin must be adjusted to the tape and the class system used
See enclosed table
- I. Slot Wedging and Support brackets:
Laminates for stator wedging



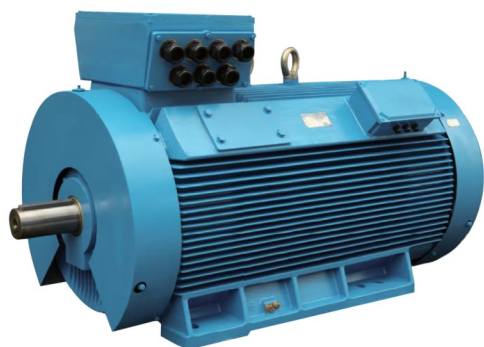
OTHER PRODUCTS



Sole Agent

marathonTM
CMG Motors

REGAL



LVX - LARGE LV MOTORS

- Industrial quality cast iron three-phase motors
- Power range: 132kW ~ 1500kW
- 2p, 4p, 6p, 8p, 10p, 12p
- IEC frame sizes 355~560, class F/B, Ip55
- 6x PT100 in winding
- 1x PT100 in each bearing
- anti-condensation heaters

HCM - HIGH VOLTAGE MOTORS

- "Standard Line" High Voltage motors
- Cast iron range of motors
- Frame size 355- 560
- 2, 4, 6, 8 pole
- IP55
- 160kW - 1800kW
- 50Hz: 3kV 3.3kV 4.16kV 5kV 6kV 6.6kV 10kV
- 60Hz: 4kV 4.16kV 6.6kV 13.8kV



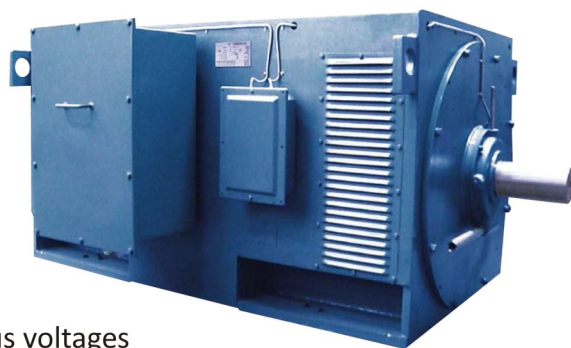
HAA - HIGH VOLTAGE MOTORS

- "Standard Line" High Voltage motors
- Fabricated steel frame motors
- Frame size 355- 630
- 2, 4, 6, 8, 10, 12 pole
- IP55
- 185kW - 2240kW
- 50Hz: 3kV 3.3kV 4.16kV 5kV 6kV 6.6kV 10kV
- 60Hz: 4kV 4.16kV 6.6kV 13.8kV
- Custom motors can be modified from "Standard Line"
- up to 9,000kW, 1000frame, various voltages



HDP - HIGH VOLTAGE MOTORS

- "Standard Line" High Voltage motors
- Fabricated steel frame motors
- Frame size 355- 630
- 2, 4, 6, 8, 10, 12 pole
- IP2
- 185kW - 2800kW
- 50Hz: 3kV 3.3kV 4.16kV 5kV 6kV 6.6kV 10kV
- 60Hz: 4kV 4.16kV 6.6kV 13.8kV
- Custom motors can be modified from "Standard Line"
- up to 10,000kW, 1000frame, various voltages



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