

INDUSTRIAL MARKETS



Wide range of products, infinite configurations to meet any application need.

- MATERIAL HANDLING
- MINING/CEMENT/STEEL
- PACKAGING
- TEXTILE
- FOOD/BEVERAGE
- PLASTIC/RUBBER
- WASTE WATER
- POWER GENERATION/RENEWABLE ENERGY

GEARBOXES AND GEARMOTORS



A SERIES

HELICAL BEVEL GEARMOTORS

Torque Range: up to 123,900 in-lb
Power Rating: up to 200 hp
Gear Ratios: 5.4...1,715



C SERIES

HELICAL GEARMOTORS

Torque Range: up to 106,200 in-lb
Power Rating: up to 250 hp
Gear Ratios: 2.6...1,481



F SERIES

SHAFT MOUNTED GEARMOTORS

Torque Range: up to 123,900 in-lb
Power Rating: up to 150 hp
Gear Ratios: 6.4...2,099



S SERIES

SINGLE REDUCTION HELICAL GEARMOTORS

Torque Range: up to 1,770 in-lb
Power Rating: up to 15 hp
Gear Ratios: 1.4...13.1



300 SERIES

PLANETARY GEARMOTORS

Torque Range: up to 11,388,250 in-lb
Power Rating: up to 1,400 hp
Gear Ratios: 3.4...5,234



VF/W SERIES

UNIVERSAL WORM GEARBOXES

Torque Range: up to 62,840 in-lb
Power Rating: up to 100 hp
Gear Ratios: 7...10,000



RAN SERIES

BEVEL GEARS

Torque Range: up to 5,310 in-lb
Power Rating: up to 100 hp
Gear Ratios: 1...7.7



TA SERIES

SHAFT MOUNTED REDUCERS

Torque Range: up to 141,610 in-lb
Power Rating: up to 200 hp
Gear Ratios: 5...31.5



HDO SERIES

BEVEL HELICAL GEAR REDUCERS

Torque Range: up to 1,857,770 in-lb
Gear Ratios: 5.6...490



HDP SERIES

PARALLEL SHAFT GEARBOXES

Torque Range: up to 1,858,650 in-lb
Gear Ratios: 7.1...500



3/H SERIES

COMBINED GEARBOXES

Torque Range: up to 10,620,890 in-lb
Power Rating: up to 1,250 hp
Gear Ratios: 100...1,000



PRECISION PLANETARY

INLINE & RIGHT ANGLE GEARBOXES

Torque Range: up to 10,621 in-lb
Gear Ratios: 1...1,000
Backlash: 2...17'



MOTORS/VARIATORS



BC

PERMANENT MAGNET DC-MOTORS

Torque Range: up to 40 in-lb
Speed: 1500, 2000, 3000 rpm
Supply: 12,24,36,48,65,110,180 VDC



BCR/BMD/BTD

HIGH PERFORMANCE & COMPACT SERVO-MOTORS

Stall Torque: up to 1,018 in-lb
Rated Speed: 1600...6000 rpm
Power Rating: up to 24 hp
Supply: 230, 400 VAC



BN/BS/BX

IE3 & SINGLE PHASE AC-MOTORS

Power Rating (4p): up to 40 hp
Frame Sizes: 56A...200L
Pole Numbers: 2, 4, 6, 8, 2/4, 2/6, 2/8, 2/12, 4/6, 4/8
Mounting: Foot IM B3, Flange IM B5 & IM B14



V SERIES

MECHANICAL VARIABLE SPEED DRIVES

Min to Max Speed: 5.2 times
Power Rating: up to 12 hp
Additional Reductions: in=2.6...6.3



SERVO DRIVES AND FREQUENCY INVERTERS (VFD)



ANG

MOTION SERVO DRIVES ☆

Supply: 240, 480 VAC ± 10%
Power: up to 536 hp (480V)
up to 12 hp (240V)
Output Frequency: 0...599 Hz
Cubic Interpolation, Fast Control Loop, Two Position Sensor Inputs



ACU

ACTIVE CUBE SERVO DRIVES ☆

Supply: 240, 480, 690 VAC ± 10%
Power: up to 1609 hp (690V)
up to 536 hp (480V)
up to 12 hp (240V)
Output Frequency: 0...1600 Hz
IP 54 Available, PLC Functions



iBMD

SERVO-MOTORS WITH INTEGRATED DRIVES ★★

Stall Torque: up to 318.6 in-lb
Rated Speed: 3000 rpm
Output Frequency: up to 9 hp
Supply: 560 VDC



ACT

ACTIVE CLOSED LOOP VFD

Supply: 240, 480 VAC ± 10%
Power: up to 177 hp (480V)
up to 12 hp (240V)
Output Frequency: 0...1600 Hz



AGL

AGILE SMART SENSORLESS VFD ☆

Supply: 240, 480 VAC ± 10%
Power: up to 15 hp (480V)
up to 10 hp (240V)
Output Frequency: 0...1600 Hz
PLC Functions



S2U

PLUG & PLAY VFD (V/Hz)

Voltage: 240 VAC ± 10%
Power: up to 3 hp (240V)
IP 66 Available



★ Optional Communication Modules: PROFIBUS-DP V1, CANopen, RS232, RS485, DeviceNet, EtherCAT®, PROFINET, VBUS/TCP*, Modbus TCP*, EtherNet I/P (*) Optional 2 Ports