



# CORPORATE & PRODUCTS



## MADACAN AFRICA INDUSTRIAL SUPPLY (PTY) LTD.

Madacan Africa is dedicated to supplying first in class industrial electrical and mechanical products from innovative manufacturers you know and trust. Madacan Africa is proud to be distributors for TECO and TECO Westinghouse group of products, Motovario gear reducers and MGM brake motors, focussing on Electrical Motors, Brake Motors, Gear Reducers and Controls. We provide exceptional support for Southern Africa and the Indian Ocean. We are focussed on industrial markets including petrochemical, oil & gas, energy, aggregate and mining. Madacan Africa is a subsidiary of the QI Group of companies.



### QI SUPPLY LTD.

QI Supply is focused on providing industrial solutions to the Oilsands, Pipelines/Pipeline Terminals and Mining process industries. Our product range includes Industrial Valves, Seals, Gaskets, Fittings, Expansion Joints, Fasteners and related MRO products. We are exclusive distributors for "Danex" double block and bleed valves and MSA Pipeline Ball, Gate and Check Valves.

### PEX INDUSTRIAL PIPING SOLUTIONS

Pex Industrial Piping Solutions is the exclusive North American marketing company for PEXGOL Durable Piping systems. PEXGOL is a unique Cross linked PE pipe material that is suitable for Industrial applications from -50 to +110C and pressure up to 450 PSI. PEXGOL also has exceptional chemical and abrasion resistance and is preferred piping material when compared to Carbon Steel, SS, Duplex, Rubber Lined and FRP piping.

### CANTHAI INDUSTRIAL SERVICE & SUPPLY

Canthai is a Thailand based JC company that is focused on Industrial Services and Supply. Our services include Industrial Scaffold rental and erecting, Refractory brick lining, Boiler Inspections and maintenance, Belt Splicing and Rubber lining. Our supply range includes Gaskets, Seals, Valves, Expansion points, PEXGOL durable piping systems and instrumentation.

### MADACAN SARLU

Madacan is a registered Madagascar company located in the port city of Tamatave. Madacan provides Industrial services including rubber lining, refractory/acid brick lining service, Boiler Inspections and general plant maintenance. In addition, Madacan also provides Industrial products including Valves, Gaskets, Fasteners, Seals, PEXGOL durable piping systems, Fittings and Expansion Joints.

### VERSACAN INDUSTRIAL SERVICE & SUPPLY

Versa-Can is a joint venture company located in the Philippines. Established to supply top quality industrial goods to the Mining, Petroleum, Power Generation and Food/Beverage Industries, we can provide cost effective products and services that make your plant/facility more profitable and efficient. Our sales and service group has an extensive background in supplying Valves, Gaskets, Seals, Expansion Joints, Pipe, Pipe Fittings, Instrumentation Products and Rubber linings.



**MAXe1 INDUSTRIAL MOTOR**



TECO MAXe1 INDUSTRIAL CAST IRON TEFC TYPE ASV1W

Type:	SCIM
Supply:	525 Volt 3 Phase 50 Hz
Supply:	400 Volt 3 Phase 50 Hz
Enclosure:	TEFC IC0411
Efficiency:	IE1 to IEC60034-30
IP Rating:	55
Frame:	Cast Iron
Terminal Box:	Cast Iron
Insulation Class / Temperature Rise:	F / B
Service Factor / Ambient:	1.0 @55°C, 1.15 @ 40°C AMB (refer nameplate)
Thermistors; 1 set of PTC thermistors:	160°C (alarm) D160 and larger
Warranty:	5 years

**MAXe3 PREMIUM SEVERE DUTY HIGH EFFICIENCY MOTORS**



TECO MAXe3 PREMIUM SEVERE DUTY HIGH EFFICIENCY MOTOR

Type:	SCIM
Supply:	525 Volt 3 Phase 50 Hz
Supply:	400 Volt 3 Phase 50 Hz
Enclosure:	TEFC IC0411
Efficiency:	IE1 to IEC60034-30
IP Rating:	66
Frame:	Cast Iron
Terminal Box:	AEEB-NE-AEMB-AEMV Cast Iron
Insulation Class / Temperature Rise:	F / B
Service Factor / Ambient:	1.0 @55°C, 1.15 @ 40°C AMB (refer nameplate)
Thermistors; 1 set of PTC thermistors:	150°C (alarm) D160 and larger
Warranty:	5 years



**MEDIUM/HIGH VOLTAGE AND ENGINEERED MACHINES**

TECO offers a diverse line of Medium and High Voltage Motors to meet your application requirements. Our products range from 100KW to over 25,000KW and are available in ODP/WPI, TEFC, WP11, TEACC, TEFV and TEWAC enclosures. We have a complete line of Standard Medium Voltage solutions for your applications, as well as we offer Custom Engineered products available upon request.

**VSF**  
SERIES



**NMRV**  
**POWER**

*Worm geared motors and gear reducers*

Sizes:	063-075-090-110
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	725 Nm
Ratio:	7,5 ÷ 100
Power:	up to 12 kW
Certifications:	ATEX 2GD/3GD



**NMRV POWER® - HW**  
**NMRV + HA31**

*Helical worm geared motors and gear reducers*

Sizes:	040-050-063-075 090-110
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	1.189 Nm
Ratio:	22,1 ÷ 1,083
Power:	up to 1,85 kW
Certifications:	ATEX 2GD/3GD



**NMRV®**

*Worm geared motors  
and gear reducers*

Sizes:	025-030-040-050 130-150
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	1.550 Nm
Ratio:	5 ÷ 100
Power:	up to 15 kW
Certifications:	ATEX 2GD/3GD



**SW**

*Worm geared motors  
and gear reducers*

Sizes:	030-040-050-063 090-105
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	630 Nm
Ratio:	5 ÷ 100
Power:	up to 11 kW



**NMRX**  
Aggressive Environments

*Worm geared motors*

Sizes:	040-050 063-075-090
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	396 Nm
Ratio:	5 ÷ 100
Power:	up to 4,8 kW



**SWX**  
Clean Environments

*Worm geared motors*

Sizes:	030-040 050-063-075 090-105
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	660 Nm
Ratio:	5 ÷ 100
Power:	up to 4,8 kW



**SWFX**  
Food Environments

*Worm geared motors*

Sizes:	030-040 050-063-075 090-105
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	660 Nm
Ratio:	5 ÷ 100
Power:	up to 4,8 kW

**H**  
SERIES



**H-CH-IH**  
**(Aluminium)**

*Helical geared motors and gear reducers*

Sizes:	A30-A40-A50-A60
$M_{N2}$ ( $n_1=1400$ rpm) Normal Torque:	500 Nm
Ratio:	1,33 ÷ 353,98
Power:	up to 4,8 kW
Certifications:	ATEX 3GD



**H-PH-CH-IH**  
**(Iron)**

*Helical geared motors and gear reducers*

Sizes:	030-040-050-060 080-100-125-140
$M_{N2}$ ( $n_1=1400$ rpm) Normal Torque:	8.000 Nm
Ratio:	1,23 ÷ 282,1
Power:	up to 45 kW
Certifications:	ATEX 2GD/3GD

**B**  
SERIES



**B-CB-IB**  
**(Aluminium)**

*Helical bevel geared motors and gear reducers*

Sizes:	A40-A50-A60
$M_{N2}$ ( $n_1=1400$ rpm) Normal Torque:	450 Nm
Ratio:	7,62 ÷ 442,76
Power:	up to 4,8 kW
Certifications:	ATEX 3GD



**B-PB-CB-IB**  
**(Cast Iron)**

*Helical bevel geared motors and gear reducers*

Sizes:	060-080-100 125-140-150-160
$M_{N2}$ ( $n_1=1400$ rpm) Normal Torque:	13 000 Nm
Ratio:	5,71 ÷ 187,24
Power:	up to 90 kW
Certifications:	ATEX 2GD/3GD

**S**  
SERIES NEW



**S-PS-CS-IS**  
**(Cast Iron)**

*Shaft mounted geared motors and gear reducers*

Sizes:	050-060-080 100-125-140-150
$M_{N2}$ ( $n_1=1400$ rpm) Normal Torque:	9500 Nm
Ratio:	4,06 ÷ 394,69
Power:	up to 45 kW
Certifications:	ATEX 2GD/3GD up to size 125 ATEX3GD 140-150



## PBH (Cast Iron)

*Parallel helical and Bevel helical geared motors and gear reducers*

Sizes:	180-200-225-250 280-320-355
Reduction Stages:	1-4 Parallel 2-4 Bevel
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	78.000 Nm
Power:	1,25 ÷ 760
Certifications:	ATEX 3GD (on request)



## TXF (Aluminium)

*Motovariators*

Sizes:	002-005-010
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	12 Nm
Ratio:	109 ÷ 2,000
Power:	up to 2,2 kW



## VHA (Aluminium)

*Motovariator-gear reducers*

Sizes:	TXF+A30-A40 A50-A60
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	480 Nm
Ratio:	0,8 ÷ 1,500
Power:	up to 2,2 kW



## S (Cast Iron)

*Motovariators*

Sizes:	003-005-010-020 030-050-100
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	144 Nm
Ratio:	122 ÷ 2,000
Power:	up to 9,2 kW
Certifications:	ATEX 2GD/3GD



## VH (Cast Iron)

*Motovariator-gear reducers*

Sizes:	S+030-040-050 060-080-100-120
$M_{N2}$ ( $n_1 = 1400$ rpm) Normal Torque:	5.000 Nm
Ratio:	0,6 ÷ 1,541,7
Power:	up to 9,2 kW
Certifications:	ATEX 2GD/3GD

**M** SERIES NEW



**New IE3 range  
TS-TH-TP-TBS-TBH-TBP-D-DB-S-HSE**

*Electric motors*

Sizes:	056 ÷ 280
Poles:	2-4-6-8
Power:	up to 90 kW
Efficiency: (only T-TB)	IE1 up to 0,55 kW IE2 from 0,75 kW up to 5,5 kW IE3 from 0,75 kW up to 90 kW

**D** SERIES



**drivon®**

*Inverter motors*

Type:	DRIVON 230V 1PH/3PH	DRIVON 400V 3PH
Power supply range:	(200 ÷ 260)V / 50-60Hz	(360 ÷ 480)V / 50-60Hz
Motor Sizes:	071 ÷ 090	071 ÷ 132
Power range: (kW)	0,25 ÷ 1,5	0,25 ÷ 5,5
Speed range:	0 ÷ 2500 rpm	0 ÷ 3000 rpm
Integrated fieldbus:	CANopen-Modbus	CANopen-Modbus



**BA Series**



- BA SERIES**
- Brake Motors
  - IEC Metric Motors from 71 to 225 frame size
  - Totally Enclosed Fan Cooled (TEFC)
  - IP 54 enclosure (IP55 on request)
  - F class insulation
  - Continuous Duty
  - 3~230/400V 50Hz (different voltages on request)
  - AC and DC Brake
  - Very high brake torque
  - HeavyDutyCycle
  - Low Maintenance
  - Aluminum frame up to 132 frame size, cast iron frame from 160 to 225 frame size
  - Cast iron flanges starting from 100 frame size
  - Manual brake release screw
  - Hexagonal hole on shaft end for manual rotation
  - CE mark
  - cCSAus mark (on request)
  - CCC mark (on request)

**BM Series**



- BM SERIES**
- Brake Motors
  - IEC Metric Motors frame from 56 to 160 frame size
  - Totally Enclosed Fan Cooled (TEFC)
  - IP54 enclosure (IP55 on request)
  - F class insulation
  - Continuous Duty
  - 3~230/400V 50Hz (different voltages on request)
  - DC Brake
  - Low noise brake
  - Aluminum frame up to 132 frame size, 160 frame size in cast iron
  - Cast iron flange starting from 100 frame size
  - CE mark
  - cCSAus mark (on request)
  - CCC mark (on request)



**MADACAN AFRICA Johannesburg**  
7 Volt Close, Kya Sands, Randburg, South Africa, 2163  
+27 (0)76 712 7128

**MADACAN AFRICA Cape Town**  
Marconi Road, Montague Gardens, Cape Town, South Africa, 7441  
+27 (0)21 555 3055

[info@madacan-africa.com](mailto:info@madacan-africa.com) | [www.madacan-africa.com](http://www.madacan-africa.com)