

Edington Agencies

Edington



Power Transmission Products

About Us & Contact Us

Power Transmission Products

OPTIBELT

- ▶ Chloroprene Timing Belts 2-4
- ▶ Polyurethane Timing Belts
- ▶ V Belts

Mitsuboshi Belts & Pulleys Overview 5

- ▶ V Belts
- ▶ Timing Belts
- ▶ Special Application Belts

Power Transmission 6

- ▶ Chain & Sprockets
- ▶ Couplings
- ▶ Gearboxes
- ▶ Pulleys

Electric Motors

CMG Motor

- ▶ HGA Motor 7-10
- ▶ CW Motor
- ▶ HLA Motor & PPA Motor
- ▶ PPD Motor & High Efficiency Motor

SPG & Oriental Motor 11

- ▶ AC Motors
- ▶ DC Motors
- ▶ Special Options

Baldor 12

- ▶ Geared DC Motors
- ▶ DC Motors

Copyright:

This catalogue is protected by international copyright law, and may not be altered or copied in any manner. One copy may be downloaded/printed from the website to be used for reference purposes only.

Disclaimer:

Edington Agencies has made every effort to keep this catalogue accurate and up to date. However, we do not accept any responsibility or liability for incorrect information.



Edington Agencies

Pty. Ltd.

Edington Agencies was established in 1991 as an independent wholesaler and retailer of electric motors products in Australia and the Pacific Island Region.

We have since expanded to become a major distributor of quality motors and power transmission products from global companies including Fasco, Baldor, AMETEK, Ebm-Papst and Ziehl-Abegg.

As a major distributor, we also work in partnership with a network of motor repairers and wholesalers throughout Queensland and NSW.

We carry a full range of quality Mitsuboshi and Optibelts products including V belts, timing belts and special application belts, and a wide range of power transmission products including pulleys, couplings, chain and sprockets, and gear boxes.

Our product range is diverse and continually expanding; this publication may not contain all products which we carry. Please do not hesitate to contact our sales staff by phone or email if you require additional information or assistance.

Edington Agencies will offer you the best practical solution for your electric motor and power transmission requirements. We pride ourselves with friendly, prompt service and industry specific technical support.

Thank you for your time in reviewing our product range; We look forward to a rewarding and continuing partnership with you.

Edington Agencies
Your first Choice for Electric Motors and Power Transmission Products

Contact Details



44 Harries Road
 COORPAROO QLD 4151



PO BOX 1032
 COORPAROO DC QLD 4151



(07) 3397 4575



(07) 3397 4143

www.edingtonagencies.com.au
sales@edingtonagencies.com.au



OPTIBELT

Chloroprene Timing Belts

Optibelt OMEGA

- ▶ Synchronous Speed
- ▶ Free & Low Noise Operation
- ▶ Temperature Range -30 deg c up to + 100 deg c
- ▶ For use with Standard HTD & RPP Timing Belts
- ▶ Applications: suitable for all areas of machine Construction
- ▶ Sections: 2M; 3M; 5M; 8M; 14M



Optibelt OMEGA HP

- ▶ High level of Precision & Low Noise Operation
- ▶ Last 18 times Longer than Standard Timing Belts
- ▶ Maintenance Free & Low Bearing Load
- ▶ Temperature Range -30 deg c up to + 100 deg c
- ▶ Applications Include: Textile, Tool, Printing Wood Processing & Paper Machine and Compressors
- ▶ Sections: 3M HP; 5M HP; 8M HP; 14M HP



Optibelt OMEGA HL

- ▶ Ideal for High Torque Levels
- ▶ High Level of Precision & Low Noise Operation
- ▶ Temperature Range -30 deg c up to + 100 deg c
- ▶ Low Bearing Load & Maintenance Free
- ▶ Applications Include Machine Construction Drives, Conveyor Belt Systems, Wood & Paper Industry, Textile Machines and Garden Appliances
- ▶ Sections: 8M HL; 14M HL



Optibelt OMEGA linear & HP linear

- ▶ Low level of Tensile Strength
- ▶ Low Stretch & Maintenance Free
- ▶ High Level Positioning Accuracy
- ▶ Complies with ISO 13050
- ▶ Extended Temperature Resistance
- ▶ Suitable for Medium to High Load Levels
- ▶ Low Noise Emission & Improved Oil Resistance
- ▶ Standard Range section width:
 - OMEGA 3M 9; 5M 10; 5M 15; 5M 25; 8M 10; 8M 15; 8M 20; 8M 25;
 - HP 3M9; HP 5M 10; 5M 15; 5M 25; HP 8M 10; 8M 15; 8M 20; 8M 25





OPTIBELT

Polyurethane Timing Belts



Optibelt ALPHA



- ▶ High Pitch Accuracy & Low Tolerances
- ▶ High Level Polyurethane Bonding onto Tension Card
- ▶ Belt Lengths up to 2,350 mm
- ▶ Nominal Sleeve Width 380 mm
- ▶ Sections: T5; T10; T20; ZRP; MXL; XL; L

Optibelt ALPHAflex



- ▶ Length Range (approx) 1500 to 2,400 mm
- ▶ Length Range Available in Pitch Steps
- ▶ Fabric Coating on Toothing
- ▶ Identical Power Coates as Moulded Optibelt ALPHA
- ▶ Speeds up to 10,000
- ▶ Sections: DT5; DT10; DT20; AT5; At10; AT20; 5M; 8M; 14M

Optibelt ALPHA linear



- ▶ High Amounts of Tensile Forces can be Transferred
- ▶ Even Lengths Measuring > 100,000 mm available on Roll Goods
- ▶ Optional Fabric Coating on Toothing and Belt Top Surfaces
- ▶ Reinforced Designs for Linear Technology
- ▶ High Level of Positioning Accuracy & Low Maintenance
- ▶ Sections: XL; L; H; XH; T5; T10; T20; AT5; AT10; AT10L; AT20; 5M; 8M; 14M



OPTIBELT

V Belts

VB, SK, X Power, TX Profiles



- ▶ VB Classical Profiles A, B, C, D, E & Z
- ▶ SK Wedge Profiles SPZ, SPA, SPB & SPC
- ▶ Super X-Power Cogged Wedge Profiles SPZ, SPA, SPB, SPC
- ▶ Super TX Cogged Classical Profiles ZX, AX, BX & CX



KB Profiles

- ▶ KB Wedge Profile Banded Belt Profiles SPZ, SPA, SPB, SPC, 3V/9J, 5V/15J & 8V/25J
- ▶ KB - Classical Banded Belt Profiles A/HA, B/HB, C/HC & D/HD



Maintenance Free

- ▶ **Red Power III**
High Performance to BS 3790, DIN 7753 Part 1/ISO 4184,....Available Profiles SPZ, SPA, SPB & SPC
High Performance to USA Standard RMA/MPTA.... Available Profiles 3V/9N, 5V/15N & 8V/25N
- ▶ **Blue Power**
High Performance to BS 3790, DIN 7753 Part 1/ISO 4184 & USA Standard RMA/MPTA.... Available Profiles SPB, SPC & 8V/25N





Power Transmission

V Belts, Timing Belts, Special Application Belting

Belts that transmit power. Since 1919, this is the origin of Mitsubishi belts.

Mitsubishi has been a key participant in Japanese industrial development since 1919. Since then, Mitsubishi has expanded and its product range caters for a diverse market from industry machine components through to major infrastructure projects.

Mitsubishi provides a diverse range of belts including V belts, timing belts and special application belts.

Mitsubishi V belts include classical, narrow wedge, banded and perforated. The timing belt range includes classical and metric, and special belting applications include agricultural and variable speed.

Mitsubishi is the quality solution for power transmission applications.

V Belts

- ▶ Classical A, B, C, D, E, & M Section
- ▶ Narrow SPA, SPB, SPC & SPZ Section
- ▶ Wedge 3V, 5V & 8V Section
- ▶ Banded V-Belts in various sections
- ▶ Perforated (open ended) A, B, C & M Section



Timing Belts

- ▶ Classical
- ▶ Metric
- ▶ HTD
- ▶ STPD



Special Application Belting

- ▶ Agricultural: (low profile) La & Lb Section
- ▶ Automotive: Fan Belts, Rib-belts, OHC Timing belts
- ▶ Poly-Vee Belts J, L, M & PK Section
- ▶ Variable Speed Belts: Large range available



Power Transmission

Chain & Sprocket, Couplings, Gearboxes & Pulleys

Alloy Pulleys

- ▶ 1A, 2A, 1B, 2B
- ▶ Sizes 1 1/4 inches - 18 inches
- ▶ Bores 1/2, 5/8, 3/4, & 1 inch ex stock
*Special bores on request
- ▶ Stepped Pulley Available on Request



Cast Iron Pulleys

- ▶ Taper Lock Pulleys: SPA, SPB, SPC, SPZ section
- ▶ Alloy Pulley A & B section
- ▶ Timing Pulley
- ▶ Taper Lock Bushes



Chain & Sprocket

- ▶ Comprehensive Range Available
- ▶ Pilot Bore Bossed Sprockets
Pinions (*Simplex, Duplex, Triplex*)
- ▶ Pilot Bore Plate Wheels
- ▶ Taper Bore Sprockets (*Simplex & Duplex*)



Couplings

- ▶ Tyre Couplings
- ▶ HRC Couplings
- ▶ Jaw Couplings
- ▶ Chain Couplings



Gearboxes

- ▶ Geared AC/DC Motors
- ▶ Worm Gearboxes
- ▶ Bevel Helical Right Angle Gearboxes
- ▶ Helical Inline Gearboxes





CMG Motor HGA Motor

Edington

CMG's electric motors are built to Australian and international standards.

CMG specialise in three phase motors including light industrial aluminium motors up to 18.5 kilowatts and industrial cast iron motors up to 1,000 kilowatts, with voltages available up to 1,100 volts. In addition, CMG offer single phase motors up to 3.7 kilowatts,

CMG motors offer high efficiency, enhanced performance and high specification motors popular in the mining industry.

The hazardous location motors are AUS Ex, IEC Ex, and ATEX approved. Also available are Lloyd's Register Approved marine motors.

CMG also specialises in customised motors, brake motors, multi-speed motors, smokespill and cooling towers and the high voltage motor "Centurion" ranges up to 13 megawatts.

Features and Benefits

- ▶ Three phase
- ▶ Cast Iron
- ▶ Squirrel cage
- ▶ MEPS2 compliant (Eff1)
- ▶ 2, 4, 6, 8 and 10 pole
- ▶ IP55
- ▶ 0.37 to 315kW
- ▶ Frames 71 to 355
- ▶ Multi speed
- ▶ 2 Year warranty
- ▶ Generous service factors
- ▶ Mining specification versions available
- ▶ Left hand or top mount terminal box versions also available

Standards and specifications:

- ▶ International Standard IEC 60034 and IEC 60072
- ▶ Australian Standard As1359

Certifications

- ▶ SGA HGA Smoke-Spill 80 to 180 200C 2h
- ▶ SGA HGA Smoke-Spill 80 to 315 300C 2h
- ▶ SGA HGA Smoke-Spill 80 to 200 200C 2h 300C 0.5h
- ▶ HGA CE Declaration

Applications

- ▶ Spokespill applications
- ▶ Airstream motors for axial fans
- ▶ Cooling tower motors
- ▶ Mining specification motors
- ▶ Brake motors

HGA Motor



CMG



CMG Motor CW Motor

Edington

CMG Single and Three Phase CW



- ▶ Single and three phase
- ▶ Rolled steel body construction in B56 and IEC
- ▶ 2, 4, 6, 8 and 12 pole
- ▶ 0.12 to 2.2kW continuous rating, and up to 4kW short term
- ▶ IP44 (ratings up to IP55 are available)
- ▶ Class F insulation and Class B (80K) temperature rise (alternatives available)
- ▶ B3, B5, B3/B5, B14 and B3/B14 mounting arrangements
- ▶ Special shaft designs and materials available
- ▶ Full service and parts available
- ▶ Australian made

Applications

- ▶ Industrial washing machines
- ▶ Farming equipment
- ▶ Wood lathes
- ▶ Gearboxes
- ▶ Refrigerated containers
- ▶ Evaporative coolers
- ▶ Materials handling
- ▶ Catering equipment
- ▶ Drill presses
- ▶ Brake motors
- ▶ Compressors
- ▶ Brick Saws
- ▶ Cement Mixers
- ▶ Fan Motors
- ▶ Grain Feeders

CMG





CMG Motor

HLA Motor, PPA Motor

Edington

CMG Three Phase HLA Motors



- ▶ Three phase
- ▶ Cast Aluminium
- ▶ MEPS2 compliant (Eff1)
- ▶ 2, 4, 6 and 8 pole
- ▶ 0.09 to 18.5kW
- ▶ IP55
- ▶ B3, B5, B14A, multi and pad mounting
- ▶ Top mounted terminal box standard (rotatable)
- ▶ Light weight
- ▶ Multi speed available

Standards and Specifications

- ▶ International Standard IEC 60034 and IEC 60072
- ▶ Australian Standard AS1359

Certification

- ▶ HLA CE Declaration Application:
- ▶ Ideal for the OEM market
- ▶ Ideal for alloy gearboxes
- ▶ Locked drive end bearing on all flange mounted motors from 90 to 160 frame is ideal for pump applications where minimal axial shaft movement is critical

CMG Three Phase PPA Motors



- ▶ PPA(C) motors exceed Eff 1 and correspond to IE2 (Premium
- ▶ Efficiency) of the new international standard IEC 60034-30
- ▶ Three phase
- ▶ Cast Iron
- ▶ IP66
- ▶ MEPS2 compliant (Eff1)
- ▶ Hazardous locations: Ex e, Ex nA and Ex tD
- ▶ 0.37 to 1000kW
- ▶ Frames 80 to 450
- ▶ Australian (PPA) and CENELEC (PPC) kW/frame allocations
- ▶ 2, 4, 6 and 8 poles
- ▶ Class H insulation
- ▶ Thru flush grease relief valves
- ▶ Low noise
- ▶ 20 year design life

- ▶ International International Standard IEC 60034 and 60072
- ▶ Australian and New Zealand Standard AS/NZS 1359

Applications

- ▶ Arduous environments
- ▶ Mining Industry
- ▶ Food and Beverage Industry

CMG



CMG Motor

PPD Motor,
High Efficiency Motor

Edington

CMG Hazardous Location PPD Motor

- ▶ Ex d, Zone 1, Group I and IIB, T4 temperature class
- ▶ Three phase
- ▶ Cast iron
- ▶ IP66
- ▶ 0.55 to 90kW
- ▶ 2, 4, 6 and 8 pole
- ▶ Class F insulation
- ▶ Up to 1100 volts
- ▶ Top mounted terminal box
- ▶ Foot or flange mounting
- ▶ Low noise
- ▶ Standards and specifications:
- ▶ International Standard IEC 60072
- ▶ Australian and New Zealand Standard AS/NZS 1359



Certifications

- ▶ PPD AusEx 80 to 100
- ▶ PPD AusEx 112 to 180
- ▶ PPD AusEx 200 to 280
- ▶ Applications
- ▶ Hazardous Areas

CMG XPA High Efficiency Motor

- ▶ XPA motors exceed Eff 1 and correspond to IE3 (High Efficiency) of the new international standard IEC 60034-30
- ▶ Three phase
- ▶ Cast Iron
- ▶ IP66
- ▶ 5.5 to 150kW
- ▶ Frames 132 to 315
- ▶ 2, 4 and 6 poles
- ▶ Class H insulation
- ▶ Thru flush grease relief valves
- ▶ Low noise
- ▶ 20 year design life
- ▶ Standards and specifications:
- ▶ International Standard IE3 (Premium Efficiency)
- ▶ International Standard IEC 60034 and 60072
- ▶ Australian and New Zealand Standard AS/NZS 1359



CMG



SPG Co. Ltd, based in South Korea has rapidly become one of the fastest growing electric geared motor manufacturers in South East Asia. Its manufacturing facility has achieved certification to ISO14001 and ISO900 and the products it produces are certified with CE, UL and EM Marks.

The product range is vast, encompassing AC/DC Geared motors, capacitor run motors, standard DC Geared motors and small DC motors.

The company is focused on providing quality products, engineered in-house and supported with a high level of after sales technical service.

SPG & Oriental Motor

AC Motors, DC Motors, Special Options

AC Motors

- ▶ 6W to 200W
- ▶ Wide Range of AC Voltages in Single Phase & 3 Phase
- ▶ Available with Standard Shafts or Gear Cut Shaft to allow attachment to Large Range of Gear-heads.



DC Motors

- ▶ 6W to 300W
- ▶ 12V, 24V or 90V
- ▶ Available with Standard Shafts or Gear Cut Shaft to Allow Attachment to Large Range of Gearheads.



Special Options

- ▶ Instant Reversing Motors
- ▶ Variable Speed Motors
- ▶ Electromagnetic Brake Motors
- ▶ Speed Controllers
- ▶ Braking Modules





Baldor offers the broadest line of industrial electric motors, drives, generators, motion control products, and gear products available from one company. Motors range from less than 1/50th horsepower to 1,500 horsepower. Our complete drives line offers customers a variety of application solutions in both AC and DC voltages. Generators range from 1.1 to 2000 kilowatts.

Our motion control product line has been called our "sleeping giant." With more and more applications in a variety of industries requiring automation and high-speed accuracy of movement, we have one of the most complete lines of motion control products available, making this a growth opportunity for Baldor.

BALDOR

Single & 3 Phase Geared & DC Geared Motors, Motor Controls

Geared DC Motors

- ▶ Parallel Output
- ▶ Right Angle Output
- ▶ Foot Mount & Flange Mount
- ▶ Permanent Magnet 180V DC



DC Motors

- ▶ Versatile
- ▶ Foot Mount & Flange Mount
- ▶ IEC Standard & NEMA Frame
- ▶ Permanent Magnet & Shunt Wound



Geared Motors Single & 3 Phase

- ▶ Versatile
- ▶ Parallel Output Shaft
- ▶ Right angle Output Shaft
- ▶ 0.03kW to 0.37kW Output



Edington

NOTES

Lined area for notes.

Edington

Edington Agencies Pty. Ltd.

www.edingtonagencies.com.au
sales@edingtonagencies.com.au

 44 Harries Road
COORPAROO QLD 4151

 07 3397 4575

 PO BOX 1032
COORPAROO DC QLD 4151

 07 3397 4143

