

Kaman Industrial Technologies



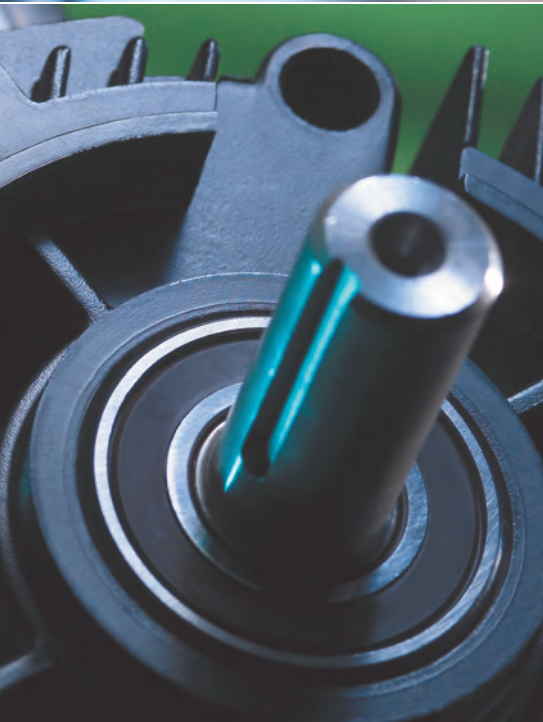
KAMAN

and

ALLIED

BEARINGS SUPPLY CO.

COMBINED PRODUCT LINES



PRODUCT LINES

Black text = current products available through Allied Bearings Red text = new products available with Kaman



BEARINGS

Ball Bearings

Agricultural
Angular Contact
Cartridge
Ceramic Hybrid
Corrosion Resistant
Deep Groove
Double Row
Flanged
Instrument
ISO Class
Linear
Machine Tool
Miniature
Molded Plastic
Polymer
Self Aligning
Single Row
Slim
Spindle
Super Precision
Thrust
Unground

Mounted Units

Babbitt
Ball
Bronze
Cartridge
Ceramic
Corrosion Resistant
Ductile Iron
Flanged
Graphite
High Temperature
Hinged Top
Non-Metallic
Pillow Block
Piloted Flange
Pressed Steel
Roller
Sleeve
Spherical
Split Housing
Split Roller
Split Spherical
Stainless
Take Up & Frames
Tapered Roller

Roller Bearings

Cam Followers
Cylindrical
Journal
Needle
Needle Clutch
Precision
Roller Clutches
Rollneck
Spherical
Tapered
Thrust

Sleeve Bearings

Alloy Bronze

Aluminum Bronze
Babbitt
Graphited
Machined
Non-Metallic
Oil Impregnated
Powdered Iron
Sintered Bronze
Solid Bronze
Spherical Bushings
Wear Plates

Special & Others

Ball Transfers
Hanger Bearings
Lazy Susan
Made-To-Order
Pulley Bearings
Rod Ends

POWER TRANSMISSION

Belt Drives

Cog
Flat
Flex-Link
High Torque Drives (HTD)
Kevlar
Leather
Metric
Micro V
Multiple Band
Multiple Fabric
Steel Cable
Synchronous
Timing
V Belts

Chain Drives

Attachment
Box
Conveyor
Custom
Delrin
Engineered
Ladder
Multi-Strand
Non-Metallic
O-Ring
Roller
Side Bow
Silent/HV
Stainless
Table Top

Clutches & Brakes

Air
Backstop
C-Face Modules
Cam
Electric
Fail Safe
Foot
Mounted
Indexing
Pneumatic
Shaft Mount

Shear Pin
Sprag
Tension Control
Torque Limiters
Wheel Brakes
Wrap Spring

Couplings

Chain
Elastomer
Flexible
Fluid
Gear
Jaw
Magnetic
PTO Shafts
Rubber Element
Shear Pin
Torque Limiting
Universal Joints
Zero Backlash/Ultra Precise

Gears

Bevel
Helical
Herringbone
Miter
Non-Metallic
Planetary
Rack
MTO
Spiral Bevel
Spur
Worm

Speed Reducers

Anti-Backlash
Bevel
C-Face
Cycloidal
D-Flange
Helical
Herringbone
In-Line
Miter
Multi-Stage Reduction
Parallel Shaft
Planetary
Precision
Right Angle
Scoop Mount
Shaft Mount
Spiral Bevel
Vertical Mixer
Worm

Mechanical

Adjustable Drives

Dry Friction Disc
Hydraulic
PIV
Variable Pitch Belt

Sheaves/Pulleys

Conveyor
Crowned
Finish Bore

Fractional Horsepower (FHP)
High Torque Drives (HTD)
Keyless Bushing
Lagged
Magnetic
Multiple Groove
Pressed Steel
QD
Split Taper
Steel Cable
Taper Lock
Timing
Winged

Sprockets

Conveyor Chain
Made-to-Order
Plain Bore
QD
Roller Chain
Shear Pin
Silent Chain
Split Taper
Taper Lock

ELECTRICAL

AC Drives

Custom Drive Systems
Flux Vector
General Purpose
Micro-Drives
Sensorless Vector
Sub Micro-Drives
Variable Torque
Washdown

DC Drives

1 and 3 Phase
Analog
Digital
MG Conversion
PWM DC
Regenerative

Performance Drives

Servo Amplifiers
Servo Controllers
Stepper Drives

Clutches & Brakes

C-Face Modules
Electronic Controls
Fail Safe Brake
Foot Mounted
Shaft Mounted
Tension Control
Torque Limiters
Wheel Brakes

Control Products

Counters & Timers
Encoders & Resolvers
HMI's
Light Curtains
Limit Switches
Line Conditioners

Load Monitoring

Measurement Devices
Motion Controllers
Motor Control Centers
Panel Meters & Displays
Photo Electric Sensors
PLC's
Power Supplies
Pressure Sensors
Protective Devices
Proximity Sensors
Reduced Voltage Starters
Regulators
Relays
Rotopulsers
Signal Conditioners
Soft Start Controls
Tachometers
Temperature Controllers
Transformers
Vibration Monitoring
Wiring Solutions

AC Motors

Aggregate Duty
Brake Motors
Chemical & Mill Duty
Explosion Proof
General Purpose
High Torque
IEC
IEEE 841
Intermediate Duty
Inverter Duty
NEMA Premium
Pump
Severe Duty
Vector Duty
Washdown

DC Motors

Brake Motors
Permanent Magnet
Sub-Fractional
Washdown
Wound Field

Performance Motors

Brushless
Linear
Servo
Stainless Steel
Stepper

Electronic Repair

AC/DC Drives
Calibration
PC Boards
Process Control
Renewal Parts
Servos

Safety Control

E Stop Push Buttons
Interlocks and Switches
Light Curtains
Safety Relays

MATERIAL HANDLING

Belting

Cleating/V-Guide
Conveyor Belting
Elevator Belt Punching
Endless Belting
Fabricated
Food Grade
Heat Oven Belting
Mono Filament
Pulley Lugging
Skiving
Slab Slitting
Transmission
Vulcanizing

Bulk Handling

Bucket Elevators
Bulk Bag
Car Unloaders
Pneumatic
Shake-Out-Tables
Vibrating Screens

Bulk Conveyors

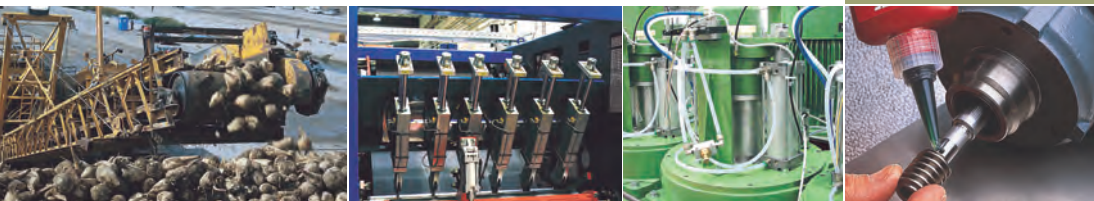
Apron
Belt
Drag Chain
En Masse
Flight
Portable
Roller
Screw
Shuttle
Slat
Stacker
Steel Hinge
Vibrating

Unit Conveyors

Accordion
Ball Transfer
Belt
BDLR
CDLR
Extendible
Gravity Feed
In-Floor
Magnetic
Motorized Roller
Overhead
Portable
Roller
Skate Wheel
Slat
Table Top
Telescoping
Trolley
Wire Hook Belt
Wire Mesh

Components

Ball Transfers
Belt Cleaners
Belt Lacing
Belt Plows



BEARINGS



POWER TRANSMISSION



ELECTRICAL



MATERIAL HANDLING



MOTION CONTROL



FLUID POWER



MRO SUPPLIES

Belt Scrapers
Buckets
Casters/Wheels
Cleated Belts
Conveyor Hoods
Double Roll Idlers
Elevator Chain
Impact Slider Board
Lagged Pulleys
Levelers
Magnetic Bars
Magnetic Pulleys
Motorized Pulleys
Rollers & Drives
Screen Protectors
Skirt Board
Spouting
Takeups
Traction Wheels
Troughing Idlers

Equipment

Air Locks
Balers
Belt Scales
Cranes
Crushers
Grinders
Hoists
Mixers
Radio Control

Feeders

Reciprocating
Reclaimers
Scissor Lifts
Screens
Shredders
Slings
Stackers

MOTION CONTROL

Components

Acme Screws
Ball Bushings
Ball Splines
Ball Screws
Carriages
Cross Roller Slides
Hardened Shafting
Linear Actuators
Precision Gear Heads
Precision Lead Screws
Precision Shafting
Precision Tables
Profile Rail
Protective Bellows
Rodless Actuators
Rodless Cylinders
Shaft & Rail Assemblies
Tracks
X-Y Tables

Power & Controls

Amplifiers
Linear Motors

Motion Controllers
PLCs
Programming
Sensors
Servo Motors & Drives
Stepper Motors & Drives
Touch Panels

FLUID POWER

Hydraulic Cylinders

AG & Mobile
Custom
NFFA
Rotary Actuators
Telescopic

Hydraulic Motors

Gear
LSHT Geroler
Piston
Vane

Hydraulic Pumps

Gear
Piston
Vane

Hydraulic Valves

Ball
Cartridge
Directional Control
Flow Control
Pressure Control
Proportional
Servo

Hydraulic

Accessories

Accumulators
Filters, Filter Carts
Flow Meters
Gauges
Heat Exchangers
Hose & Fittings
Quick Disconnects
Reservoirs, Accessories

Pneumatic Air Preparation

Aftercoolers
Dryers
Filters
Lubricators
Regulators

Pneumatic Cylinders

Custom
Low Profile
NFFA
Rodless Cylinders
Rotary Actuators
Round Stainless Steel

Pneumatic Motors

Piston
Vane

Pneumatic Valves

Ball
Directional Control
Flow Control
Logic
Quick Exhaust
Solenoid

Pneumatic Accessories

Blow Guns
Compressors
Fittings, Hose & Tubing
Mufflers/Silencers

Lubrication & Fluid Transfer

Fluid Control Handles
Fluid Control Nozzles
Live Swivels
Pumps
• Diaphragm
• Drum
• Gear
• Mag-Drive
• Piston
Rotary Unions
Valves
• Ball
• Gate
• Solenoid

MRO SUPPLIES

Chemicals

Adhesives & Epoxies
Anti-seize
Lubricants & Greases
Mold Release Agents
Sealants
Solvents, Cleaners
& Degreasers

Maintenance Tools

Alignment Devices
Bearing Pullers
Hand Tools
Hydraulic Tools
Induction Heaters
Janitorial Supplies
Lubrication Devices
& Systems
Mounting Tools
Pneumatic Tools
Power Tools
Safety Equipment
Saw Blades
Welding Supplies

Condition Monitoring Equipment

Counters
Leak Detection
Probes
Sensors
Shock/Pulse
Temperature

Vibration Analyzers

Safety Products

Anti-Fatigue Mats
Barricade & Flagging Tape
Disposable Masks & Respirators
Drain Guards, Plugs & Seals
Ear Plugs & Ear Muffs
Entrance Mats
Ergonomic Supports
(Back, Knee, Wrist)
Hand & Arm Protection
Harnesses & Lanyards
Hi-Vis Apparel
Industrial Mats
Lifelines & Anchor Systems
Protective Eyewear
Self-Contained Breathing Apparatus (SCBA)
Signage & Identification
Spill Berms
Spill Containment
Spill Control
Temperature Control Apparel
Welding Protection

Sealing & Retaining

Adapters
Bearing Isolators
Bellows
Boot Seals
Compression Packing
Expansion Joints
Gasketing
Hydraulic Seals
Lock Nuts/Washers
O-Rings
(Inch/Metric)
Oil Seals
(Inch/Metric)
Retaining Compounds
Retaining Rings
Rotary Seals
Sealing Cord
Shaft Collars
Way Wipers

Miscellaneous

Batteries
Casters
Key Stock
Paints
Shim Stock
Shop Supplies
Steel Balls
Trolley Wheels
Wearing Compounds

SERVICES

Belt Fabrication

Cleating/V Guide
Elevator Belt Punching
Endless Belt
Field Installation

Mechanical Lacing
Pulley Lagging
Skiving
Slab Slitting
Vulcanizing

Engineering Services

Electrical Control Systems
Linear Systems
Shaft & Rail Assemblies
Hydraulic/Pneumatic Systems

Fluid Power

Hydrostatic Drive Units
Power Units
Repair/Rebuild Services
System Design

Reducer Assembly

Gear Motors –
5 to 100 Horsepower
Ratios from 5:1 to 1500:1
Custom Configurations

Maintenance & Repair Services

Bearings
Conveyor Belts
Cut-to-Length Hose
Gear Reducers/Motors
Hydraulic Cylinders
PC Boards
Pumps
Rail & Shaft
Spindles
Valves

ASSET MANAGEMENT

Supply Management

Custom Bar Coding
Inventory Management
Procurement Management
Product Standardization

Partnership Programs

Database Management
Documented Savings™
eBusiness Solutions
EDI (Electronic Data Interchange)
International Programs
Maintenance Seminars
National Account Services
Plant, Equipment & Storeroom Surveys
Preventative Maintenance
Project/Program Management

Kaman Industrial Technologies

KAMAN

Innovative Solutions. Bottom Line Results.

A

80/20
Accuflex
AC Tech Drives
Accushim
Adantex
Aeroquip
Aetna Bearing
Ajax-Renold
Air-Pel
Alemite
Alinabal
Allenair
Allied-Locke
Allor Manufacturing
Alloy Wire Belt
All-State Belting
Altra Industrial Motion
Alves
Alvey Conveyor
AMEC
American Air Filter
American Metric
American Packing
American Roller Bearing
Ameridrives (Zurn)
Ametek U.S. Gauge
Amflo
AMI Bearings
Amplex
Anchor Fluid Power
Anderson Copper
Anderton Retaining Rings
Andrews
Anver Corporation
Apache Belting
Arguto Wear Strips
Armstrong Tools
ARO
ASCO
ASGCO
Associated Dynamics
Atlas Balls
Atlas Brass Bushings
Auburn
Aurora Bearing
Avtron

B

Bal Seal
Baldor Electric
Ball Screws & Actuators
Bal-Tec-Balls
Baltzer
Band-it
Barden
Bayside Controls
BCA
Behringer Pipe Systems
Belleville Disc Springs
Belt Service
Beltservice
Berliss Bearing
Bijur Lubricating
Bishop-Wisecarver
Bison Gear
Bi-Torq
B-Loc Keyless Bushings
Bodine
Bondhus Tools
Bonfiglioli
Bostik Never-Seez®
Boston Bronze
Boston Gear
Boundbrook
Bower
Bremen
Brennan Industries
Brewer Machine & Gear
Brewton Engineering
Brook Hansen
Browning
Bryant Telescopers
Buckeye
Bunting Bearing
Burrell Leder Beltech

C

Cambelt
Cambridge Wire
Carlisle
Carter
Chantland Pulley
Chicago Rawhide (SKF)
Climax Metal Products
Collars and Couplings
Colson Caster
Cone Drive
Consolidated
Continental Hydraulics
Conveyco Tech.
Conveyor Comp.
Conveyors, Inc.
Cooper Bearing
Couplamatic
Craft
CRC Industries
Cross Manufacturing
Crown Mats & Matting
Cunningham Mfg. Co.

D

Dalton Gear
Danaher Motion
Danfoss Drives
David Brown
Dayco
Deck Mfg.
Deltran PT
DE-STA-CO
Deublin Unions
Devan-Johnson Keys
Devcon
Diamond Case Linear
Diamond Chain
Dichtomatik
Dixon Valve & Coupling
Dodge
Donaldson
Douglas Manufacturing
Dow Corning
Dri-Slide Moly
Drives, Inc.
Duff-Norton
Dura-Buket
Durkee Atwood
Dynacorp
Dynapar
Dynaveyor

E

Eagle Belting
Eaton
EDT
Eklind Tools
Electra Gear
Electrical South
Electro Static Technologies
Electroid
Emerson Control Techniques
Emerson Motor Technologies
Emerson Power
Transmission
Energizer
Enerpac
EOE
Ergodyne
Ever Flex
Ever-Tite Coupling Products
Exair
EZ-FLO-Couplings

F

Fabreeka
Fafnir
Fafnir
FAG Bearings
Falk
Fast
Faultless Caster

Federal Bronze Bushings
F-E-I
Felpro
Fenner Drives
Fenner-Dunlop
Fincor
Flairline
Flexaust
Flexco
Flir
FMC
Foote-Jones/Illinois Gear
Formsprag Clutch
Foster Manufacturing.
Frantz Mfg.
FYH

G

Garlock Klokzure
Gates Corp.
General Bearing
Global Mfg
Globe
Goodman Conveyor
Goodyear Engineered
Products
Grant
Graphite Metallizing
Grove Gear
Guardair
Guardian

H

Habasit Belting
Hammond Power Systems
Hansen
Hartford Steel Ball
Harwal
Hewitt Robbins
High-Tech Ring Pliers
Hilman Rollers
Hi-Lo Manufacturing
Hitachi Maxco
HIWIN Linear
Hoerbiger-Origa
Holo-Krome
Holz Rubber
Hoover Steel Ball
Hose Master
Howard Leight
Hub City
Huskey Lubricant
Hyatt
Hytec

I

IKO Bearings
INA Bearing
Industrial Control Repair
Industriol Retaining Ring
Ingersoll-Rand
Interroll
Intralox
IPTCI
Isopur
Isostatic Industries

J

Jason Industrial
Jefferson Solenoid
Jeffrey Chain
Jervis B. Webb
JM Clipper
Joe's Hand Cleaner
Joyce Dayton

K

Kaman Filtration Products
Kaman Services Group
Kaydon-Keene
KB Electronics
KBC

Ketchie Houston
Key Instruments
Keystone Lubricants
Kilian
Klüber
Kop-Flex
Koyo
Krylon
Kuriyama
KVP
KWS Manufacturing
L
Lee Control
Leeson Electric Corp.
Legris
Lincoln Motors
Lincoln St. Louis
Link-Belt
Linn Gear
Litton
LM76
Loctite
Longwood Elastomers
Lovejoy
LPS Laboratories
Lube-Site
Lubriko
Lubriplate
Lyon Metal Products

M

Mac Chain
Magnaloy
Marathon Electric
Marbett
Marion
Marland
Martin Engineering
Martin Sprocket & Gear
Maryland Wire Belts
Maska
Master Drive
Maston
Mathews Conveyor
Maurey Manufacturing
Maxi-Lift
Mayr
MB Bearings
McGill
Messenger Bearing
MHS Caster & Manufacturing
Micron Gearing
Miether Bearing Products
Milbar Pliers
Miller Fall Protection
Miller Fluid Power
Minarik
Mol Belting
Moline
Morse
Motortronics
MPB
MRC Bearing

N

National Oil Seals
National Rod Ends
NB Corp.
Never Seez
New Age Industries
New Hampshire Ball Bearing
New London Eng.
Nexen Group
Nice Bearing
Nilos
Nitta Belting
NMB Technologies
NN Ball & Roller
Nolu
Nook Industries
NoPaK Cylinders
Nord Gear
Norgren
Norman Filters

NSK Bearing
NTN Bearing
Numatics
NyCoil
O
Ohio Gear
Oil Purification Systems
Oilite
Omni Metalcraft
Omron Electronics
Osborn
Overly Hautz

P, Q

P.T. International
Pacamor
Pacific Bearing
Package Conveyor
Parker Dayco
Parker Rotary Seals
(Includes JM Clipper Seals)
Patlite Corp
Payson Casters
Peer Bearing
Peerless-Winsmith, Inc.
Permatex
PIAB
PIC Design
Plessey
Polaris Laboratories
Poly Hi Solidur
Power Supply
Power Team
Precision Brand
Precision Pulley
Precismeca
Presco Polymers
Price Rubber
Prince Mfg.
Pro Gold

R

R&W Couplings
Radwell International
Ramsey Products
Ramsey Spirolox Rings
Randall
RBC/Heim
Reading Technologies
Reeves
Regal Beloit
Reliance Electric
Renold Jeffrey
Rexnord
Rexroth
RHP
Ringfeder
Ringspann
RIV
RMB Miniature
Rockford Ball Screw
Rollway Bearing
Rotex
Rotor Clip
Royersford
Rubber Fab
Ruland Manufacturing
Rulon Self-Lube

S

Saftronics
Saginaw
Sapphire
Sat-T-Loc
Scandura
Schatz
Schrader Bellows
Screw Conveyor
Sealmaster
Seco
SEW-Eurodrive
Shamban Non-Metallic
Sheffer
Sherwin-Williams
Shop Aid Shim Stock

Siegling America
Sier Bath
Simple Green
SKF
SKR
SL Lube/Systems
Smalley
SMC
Smith
Snap Idle
Snap-Tite Couplings
SNR
Solidur Plastics
Solus Industrial
Innovations
Southeastern Shafting
Mfg.
Southwest Rod Ends
Specialty Steel Balls
Speed Selector
Sperian Protection
Spirolox
Split Ball Bearing
SPM Instrument
Sprayon
SST
St. Mary's Carbon
Stafford
Manufacturing
Standard
Standard Locknut, Inc.
Standard Set Collars
Stearns Brake
Stephens-Adamson
Stewart Warner
Stober
Stone
Sumitomo Machinery
Superior Electric
System Plast

T

TB Wood's
TCM Seal
TDI Rod Ends
Thermal Energy Intl.
THK Linear
Thomas Conveyor
Thomson Industries
Timken Bearing
Tompkins
Torrington
Trackstar Belt and Chain
Guides
Trans Coil
Transall
Transcom
Trantorque Keyless
Bushings
Trellex Marine
Tri Flow
Triangle
Triboguard
Tribon Carbon
Trico
Trostel
TSE
Tuthill
Tyson

U, V

U.S. Electric Motor
U.S. Gauge
U.S. Seal
U.S. Tsubaki, Inc.
Ultratech International
Uni-Chains
Manufacturing
Union Gear & Sprocket
Uvex
Valu Guide
Van Gorp
Vellumoid Gaskets
Veyance Technologies
Voith Fluid
Volta Specialty Belt
Von Ruden

W, X, Y, Z

Waldron
Walter Surface Technologies
Warner Electric
WD-40
Weatherhead
Webster Manufacturing
WEG
Western Fluidyne
Wheeler Bronze
Bushings
White Hydraulics
Whittet Locknuts
Whittet-Higgins
Wyott Oil Bath Heaters
Yaskawa Electric
Zero Max

* Supplier authorized locations may vary.

SERVICES

Belt Fabrication
Specialized and conveyor belt fabrication, vulcanization, lacing, slitting, cleating and perforation.

Fluid Analysis
Hydraulic/pneumatic fluids, lubricants and coolant analysis helps detect system failures in progress and prevent catastrophic shutdowns.

Fluid Power
Hydraulic/pneumatic system design, assembly and rebuild services.

Linear Systems
Precision positioning systems, modified linear components and sub-assemblies.

Material Handling
Equipment and systems to handle standard and unique process flow requirements.

Panels & Systems
Engineering and design of industrial control panels and related systems.

Reducer Assembly
Custom assembling reducers and gear motors to specification.

Repair Services
Specialty services for the repair, overhaul and reconditioning of all types of key industrial components.

Kaman Industrial Technologies

KAMAN

www.kamandirect.com