

Driven to be the Best

A Team Dedicated to Customer Satisfaction

The entire GROVE GEAR team is committed to providing superior customer service and engineering support, exceptional design, manufacturing quality, competitive pricing and one of the best lead times in the industry. Our focus on quality, combined with our state-of-the-art machinery, software, quality assurance systems and testing equipment, has positioned us as a leading solutions provider in today's fast-paced industrial environment.



Product Support is Just a Click Away



www.grovegear.com

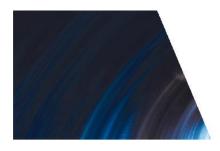
Download

- Catalogs
- Shaft-hand assembly change procedures
- Instruction and maintenance manuals
- 2-D and 3-D CAD drawings
- Parts lists

Visit the Grove Gear Online Product Configuration

- Search product by serial number or model number
- Select Grove Gear worm products by center distance, ratio, assembly or style
- View dimensions

- Download 2D and 3D CAD files
- Compare products to optimize selection
- Request a quote online



A Multitude of Applications



Chemicals

Processing

GR Series Worm Reducers



- Power range available from 0.01-67 kW.
- Available in single, double, triple reduction with ratios from 5-3600.
- · Torque ranges from 16-10344 Nm.
- NH Series features a compact housing design to fit in reduced space allocations.
- O-ring on input and output covers eliminate gaskets, sealants and leaks.
- Output shaft key provided.
- Mounting dimensions are interchangeable with most major brands.

EL Series Worm Reducers



- Power range available from 0.01-28.3 kW.
- Available in single, double, triple reduction with ratios from 5-3600.
- Torque ranges from 16-10344 Nm.
- · Clean, polished and paint-free finish.
- · Lightweight alternative to cast iron
- · Low cost alternative to stainless steel

SS Series Worm Gear Reducers



- Power range available from 0.09-4 kW.
- Available in single, double, triple reduction with ratios from 5-102.
- Torque ranges from 5-583 Nm.
- Worm are cut, heat-treated, ground and polished to provide efficient, quiet operations.

Interchangeability
Quality
Reliability

Replace all major brands

Superior Design and Precision Manufacturing

Trust your partners with over 10,000,000 gear reducers installed worldwide.

GROVE GEAR

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Mea

Car Wash

Food Processing

Conveyors

Bravo, Quadro and Bodmo Series Aluminum Gear Reducers



- Bravo worm reducers available with power rating from 0.06 -7.5 kW and in ratios from 5-3000, with output torque ranges from 5-1009 Nm.
- Quadro worm reducers available with power rating from 0.06-15 kW and in ratios from 5-4080, with output torque ranges from 5-1596 Nm.
- Bodmo worm reducers available with power rating from 0.09 - 22kW and in ratios from 5-100, with output torque range from 5-2230 Nm.
- Fits into small spaces. Up to one third smaller than other brands.
- · Sealed for life, never change or add oil.
- Lightweight OEM design suitable for equipment and difficult installations.

K(CI) Series Helical Bevel Gear Reducers



- •.Power range available from 0.02-97 kW.
- Available in single, double, triple reduction with ratios from 5-3341.
- Torque ranges from 172-11150 Nm.
- The High efficiency have a modular design.
- High efficiency reducers are dimensionally interchangeable to major worldwide brands.

E(SS) Series Helical Bevel Gear Reducers



- Power range available from 0.55-8.9 kW.
- Available in single, double, triple reduction with ratios from 6-140.
- · Torque ranges from 332.1-1057 Nm.
- Available with premium stainless steel housing and features.
- Reducers are dimensionally interchangeable to major worldwide brands.





Specialty Lifts

Communication

Solar Power

X(AL) Series Helical Bevel Gear Reducers



- Power range available from 0.06-5.5 kW.
- Available in single, double, triple reduction with ratios from 4.8-590.
- Torque ranges from 12-472 Nm.
- Reducers are dimensionally interchangeable to major worldwide brands.

P(AL) Series Inline Helical Gear Reducers



- Power range available from 0.12-9.8 kW.
- Available in single , double, triple reduction with ratios from 3.4-480.
- Torque ranges from 12-587 Nm.
- Reducers are dimensionally interchangeable to major worldwide brands
- Fit into small spaces. Up to one third smaller than other brands.
- Lightweight OEM design suitable for equipment and difficult installations.

HC Series Inline Helical Gear Reducers



- Power range available from 0.03-93 kW.
- Available in single, double, triple reduction with ratios from 2.2- 21342.
- Torque ranges from 9-23200 Nm.
- The High efficiency have a modular design.
- High efficiency reducers are dimensionally interchangeable to major worldwide brands.





Dairy Medical Bottling

F(CI) Series Parallel Shaft Gear Reducers



- Power range available from 0.05-22 kW.
- Available in single , double, triple reduction with ratios from 2.6-3333.
- Torque ranges from 166-2380 Nm.
- The High efficiency have a modular design.
- High efficiency reducers are dimensionally interchangeable to major worldwide brands.

FA(AL) Series Parallel Shaft Gear Reducers



- Power range available from 0.06-5.5 kW.
- Available in single, double, triple reduction with ratios from 2.9-561.
- Torque ranges from 46-589 Nm.
- Lightweight OEM design suitable for equipment and difficult installations.
- •Reducers are dimensionally interchangeable to major worldwide brands.

TX Series One Step Gear Reducers



- One Step Stainless steel reducers available with power rating from 0.37-1.5 kW and in ratios from 1.5-10.8, with output torque ranges from 16-46 Nm.
 One Step Cast Iron reducers available with power rating from 0.25-4 kW and in ratios from 1.3-10.8, with output torque ranges from 4-113 Nm.
- All ratios multiplier feature helical gearing to optimize system efficiency.
 Dual purpose design can be used as a stand alone single reduction inline reducer or as a bolton to the input of any c-faced gear reducer to multiply overall reduction ratio.



TECHNICAL INFORMATION

A.G.M.A. SERVICE			DOUBLE ACTING PUMPS 2 or mem Cylinders 8 ingle Cylinders	1.25	1.68 Contact Factory	METAL MILLS Draw Bosolt Carriages & Male Drives	1,25	1,59
Application	3-10	ce Factor Over 10	DRAW BENCH (Matel Rills)		ecumer Lacrack	Piseh, Dryer and Serubber	1.20	
- chhiicenaii	Hours	Hours	Carriago & Main Drive	1.25	1.60	Rolle Reversing	1.25	Contact Factor
ACITATORS Para Liquida	1.00	1.25	DREDGES			Table Conveyors Non-Reversing		Property (
Litualds & Solids	1.25	1.60	Cable Reels, Correyon Catter Head & Jig Orbree	1.25 1.75	1.68 2.00	Graup Ortons Individual Orton	1.25	1.88 1.75
Liquido-Variable Density	1.25	1.58	Massarraring Winches, Parapa	1.25	1.60	Reversing Wire Drawing & Fisthening		
APRON CONVEYORS Uniformly Leaded or Fed	1.00	1.26	Serve Orive Stackers, Utility Winches	1.80 1.25	1.7% 1.60	Machine Wire Winding Machines	1.25	1.50 1.60
Heavy Duly	1.85	1.58	ELECATORS	1,60	1.00	MILLS, ROTARY		
APRON FEEDER®	1.25	1.50	Backet-Uniform Load	1.00	1.25	Bell and Red Mills with		77 m february 77
ASSEMBLY CONVEYORS			Backet-Continuous	1.25 1.00	1.60 1.25	Spor Fling Chear with Holical Fling Goar		1.75 1.50
Uniformly Leaded or Fed	1.00	1.26	Centrifupei Dischurus	1.00	1.25	Direct Connect		1.80
Heavy Duly	1.25	1.58	Escalatore Fraight		Het Approved Het Approved	Compat Kiles, Oryans, Coolors, Pabble, Plain & Wadge Har Mills		1.88
BARGE HAUL PULLERS	1.50	1.75	Grandly Discharge	1.00	1.25	Terebiling Beare to	1.60	1.76
BARKING		4.79	Man Lifts, Parsonger		Net Approved	MDCER8 (Also use Agitatore)		
Drums (Coupling Competing) Hischardesi		1.76 1.75	EXTRUDERO (Planic)			Constant Devotte Constant Devotte	1.25	1.88
BAR SCREENS (Bornos)	1.00	1.25	Film Sheet, Coaling, Mede, Pine Tubbing	1.25	1.25	Variable Density	1.80	1.25 1.80
BELT CONVEYORS	1111111		Blow Meldors, Pro-plantistrors	11100	1.88	OIL INDUSTRY		
Uniformly Loaded or Fed	1.00	1.26	FAN8			Children	1.25	1.50
Housey Duly	1.25	1.58	Contringel	1.00	1.25	Oli Well Punging Pendin Filler Proce	1.25	Contest Fester 1,58
BELT FEEDERS	1.25	1.58	COOLING TOWERS		Contact Factory	Rolery III no	1.25	1.88
BLOWERS	200000	26/26/20	Forumi Denii Induced Denii	1.25	1.2% 1.68	PAPER WILLS		Contest Fester
Contribuyal	1.00 1.25	1.26 1.50	Large (Mine, ele.)	1.25	1.88	PASSENGER ELEVATORS		Contest Fester
Vano	1.00	1.26	Large industrial Light (Sarall Clameter)	1.25 1.00	1.60 1.25	PLATE PLANERS	1.80	1.73
BOLTING MACHINERY	1.00	1.26	ST - NO STATE OF THE PROPERTY OF THE	1.86	1.24		1.00	
BREWING & DISTELLING			FEEDERA Agron, Bett	1.25	1.60	PRINTING PRESSES		Contest Fester
Bettiling Muchinery	1.00	1.25	Diae	1.00	1.25	PUMPS Contributi	1.80	1.25
Brow Kettlee, Coat. Daty Can Filling Machines	1.00 1.00	1.25 1.25	Raci proceeding Server	1.75	2.00 1.00	Propertioning	1.25	1.80
Ce elsers-Cost. Duty	1.00	1.25	FLIGHT		1111 0	Raciproceding Single Adi, 3 or more Cyl.	1.25	1.88
Manh Tulas-Court. Duty	1.00 1.25	1.25	Conveyors, Uniform	1.00	1.25	Double Act, 2 or more Cyl.	1.25	1,60
Seale Happers-Frequent Starts	1.20	1.60	Comeyers, Heavy	1.25	1.60	Single Adi, 1 or 2 Cyl		Contact Feater
BUCKET Compas Uniform	1.00	1.25	FOOD INDUSTRY	83263	6223	Double Act, 1 Cyl. Roleny: Bear, Lobe, Vane	1.00	Contact Factor 1,25
Conveyors Heavy Duty	1.25	1.68	Best Alltors Betling, Çan Filling Mach.	1.25 1.00	1.60 1.25	PUNCH PRESSES (Sear Origon)	1.60	1.78
Escritoro Cont. Escritoro Uniliaria	1.00 1.00	1.25 1.26	Cereni Coekera	1.00	1.25	RUBBER & PLASTIC INDUSTRIES	1.00	
Electron Heavy Duty	1.25	1.58	Dough Milmers, Meat Grinders	1.25	1.88	Colonian		1.60
CALENDARS			HAMMER MILLS	1.60	1.7%	Creature		1.78
Rabber		1.60	HOISTS			Laboratory Equipment Mills (2 on line)	1.25 1.80	1.50
Textile	1.25	1.58	Housy Duly Medium Duly	1.75	2.00 1.60	Mille (3 on live)	1.25	
GANE KNIVES		1.58	Skip Helal	1.25	1.60	Missing Mills: Rollinsis	1.00	1.50 1.50
Can filling machines	1.00	1.25	INDUCED DRAFT FANS	1.25	1.60	Sheeters		1.88
CAR DUMPERB	1.50	1.75	LAUNDRY WASHERS AND			Tire Building & Mechines Tire & Take Press Openers		Contact Factor
CAR PULLERS	1.25	1.58	TUMBLERS	1.25	1,60	Taban & Strainers		1.60
CENTRIFUGAL			LINE SHAFTS	1,60	1.00	Warming Mills		1.88
Blowers, Compressors, Discharge			Oriving Processing Equipment Other Line Simile, Light	1.25	1,60	SCREENS	12022	125.00
Elecator, Farm or Pumps	1.00	1.25	Other Line Shalle, Light	1.00	1.25	Air Westing Robers-Sand or Bravel	1.80	1.25
CHAIN CONVEYORS Uniformly Leaded or Fed	1.00	1.26	LUMBER BIDUSTRY			Traveling Water Intake	1.80	1.25
Housey Dudy	1.25	1.58	Harkers-Spindle Fand Berkers-Mein Ortvu	1.25 1.75	1.80 1.75	SEWAGE DISPOSAL		
CLARIFIERS	1.00	1.25	Carriago Orivo		Contest Festery	Enr Sersens Chemical Feeders	1.00	1.25
CLASSIFIERS	1.25	1.58	CONVEYORS			Callegiora	1.80	1.25 1.25
CLAY WORKING INDUSTRY	2530-5	0.00000	Berner	1.25	1.60	Develoring Screens Seem Broaders	1.25	1.50
Brick Press	1.75	Z.00 2.00	Main or Heavy Duty Main Log	1.50 1.75	1.60 2.00	Siew er Rugid Mizers	1.25	1.60 1.60
Brignotte Machines City Working Steehinery	1.75 1.25	2.00 1.50	Re-saw Merry-Bo-Rossell	1.25	1.88	Thiskasore	1.25	1.88
Ping Mills	1.25	1.58	Sink Transler	1.75	2.00 1.80	Vector Ritero	1.25	1,60
COMPRESSORS			Chales-Hoer	1.50	1.60	SKI TOWS & LIFTS		Net Approved
Contribução	1.00	1.26	Chaine-Green Cut-Oil Sann-Clarks & Drag	1.50 1.50	1.7% 1.7%	STOKERS	1.80	1.25
Labe Resignation	1.25	1.58	Debariday Drame	1.75	2.00	STONE CRUSHERS	1.50	1.75
Maiti-Cylinder	1.25	1.58	Frech-Edger	1.25	1.60	SUGAR INDUSTRY		
Single Cylinder	1.60	1.78	Feede-Gang Feede-Trimmer	1.80 1.25	1.60 1.60	Caso Katuca, Crachara, Mille		1.88
CONCRETE MIXERS		10.00	Lag Desk	1.60	1.68	TABLE CONVEYORS (Non-Resenting)		
Court macona Internatibliant	1.25 1.25	1.58 1.69	Log Hesis-Incilno Well Type Log Terring Coriose	1.50 1.50	1.60 1.60	Grup Brives Individual Orivos	1.25	1.50 1.75
CONVEYORS-Uniformly Loaded or Fed	1100	1.00	Planer Fund	1.25	1.68	Revening		Contact Factor
Agron, Amountly, Boll, Bucket, Chain,			Pisser Tilling Helet Rolls-Live-Off Beering-Reli	1.80	1.60	TEXTLE INDUSTRY		
Flight, Oren, Seren	1.00	1.26	Case	1.60	1.88	Batahara, Calandara	1.25	1.88
CONVEYORS Severe Duly			Serting Table, Tipple Holet	1.25	1.60	Card Machines Dry Cane, Dryers	1.25	1.60 1.60
Live Rail Resignmenting, Sheker	1.50	Contact Factory 1.76	Transfero-Chain & Cransway Tray Drives	1.60 1.25	1.7% 1.60	Dyeing Machinery	1.25	1.50
COOLING TOWER FANS	1.00		Venoer Lethe Erfree		Contact Festery	Cutting Machinery Lecure, Mangine, Nappure, Pade	1.25	Çanlest Fester 1,58
		Contact Festery	MACHINE TOOLS			Range Drives		Çenlest Fester
CRANES Dry Book Grasss		Contact Factory	Auxillary Drives Sending Rolls	1.00	1.25 1.88	Sherbarn, Saupern, Spirmern Torder Framoe, Whaltern, Windows	1.25	1.50 1.60
Main Heist	1.00	1.25	Main Driven	1.25 1.25	1.60			
Bridge and Trailor Travel		Contact Factory	Roleting Press (Stallar) Pinta Phones		Contest Festery	TUMBLING BARRELS	1.00	1.73
CRUSHERS		4.77		1.50 1.50	1.76 1.78	VANE BLOWERS	1.00	1.25
	1.60	1.76 1.50	Punk Passer Punk Press (Seared) Tapping Machines	1.50 1.50 1.50	1.76 1.76	WINDLASS	1.	
GRUSHERS Dre er Stane	1.50 1.00		Panels Proce (Beared)	1.60	1.7%		1.25	1.25 Cardest Fastery 1.50

marathon[®]



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A Regal Brand

