



Special Features

- Reducer/Housing Modifications
- Shafts
- Gear Sets
- Motor Adapters and Accessories



Need More Than a Standard Gearbox?

Consider Delroyd

Delroyd Worm Gear Speed Reducers have been solving problems in power transmission that cannot be solved with a “catalog solution”.

We engineer our products to meet your exact application requirements.

Let us tell you about the special features that can be engineered into a Delroyd Worm Gear Speed Reducer.

**Call Our Toll-Free Application Hotline:
800-432-0121**



Think it can't be done? DELROYD can do!

REDUCERS/HOUSING MODIFICATIONS

- Back stop clutch
- Bearing retainer/steel
- Bearing spans expanded
- Bearings high speed
- Bearings oversized
- Breathers/oil bath/special
- Bulge cover with drain
- Drain pipe
- Encoder mounting bracket
- Encoder shaft extension
- Expansion chambers
- Fan cooled helical attachment
- Fan (removed) bulge or flat cover over worm end
- Feet sidewall mounted
- Fill (full) pipe
- Grease fittings extended
- Helical attachment both sides of secondary
- Helical input with worm & gear output
- Helical mounting position non standard
- Inspection covers & plugs
- Inspection windows
- Integral mounting to customers machine
- Lifting lugs
- Low speed output bore cover
- Mounting flange custom
- Oil coolers
- Oil dipstick
- Oil heaters
- Oil level alarm switch
- Oil pressure gauge
- Oil pump
- Oil sight gauge
- Sandblasted/paint
- Torque arm

SHAFTS

- Couplings/mounting
- Holes drilled & gun drilled thru shafts
- Holes tapped in end of hollow bore center
- Holes tapped in end of shaft
- Keys bolted in keyway
- Keys & keyway extended
- Keys & keyway tapered
- Keys & keyway trapped
- Keys & keyways 180 degrees apart
- Longer than standard
- Low speed shaft oversized
- Low speed shaft undersized
- Oil seal area chrome plated
- Oil seal area hardened
- Oil seal wear sleeve
- Oil seal/double
- Oil seal/drywell type
- Oil seal/mechanical input
- Oil seal/mechanical output
- Oil seal/taconite
- Output double extended
- Output shaft material/AISI 1045 (std.) large units
- Output shaft material/AISI 4150 resulfurized (std.)
- Screw down output
- Screw jack output
- Slot in end of low speed shaft
- Snap ring grooves
- Splined input shafts
- Splined output bores
- Splined output shafts
- Tapered shaft extensions
- Threads
- Worm stuffing box

GEAR SETS

- Backlash adjustable/bearing retainers
- Backlash adjustable/dual lead worm
- Backlash adjustable/split gear
- Backlash minimum
- Backlash reduced
- Contract/central
- Helical pinion/extended shaft
- Helical pinion/mechanical oil seal
- Helical secondary w/worm primary
- Spline/gear bore
- Spline/low speed shaft
- Spline/worm shaft
- Worm gear material/phosphor bronze (standard)
- Worm gear material/aluminum bronze
- Worm gear material/manganese bronze
- Worm gear material/cast iron
- Worm shaft material/AISI 4150 resulfurized (standard)
- Worm shaft material/AISI 8620 (under 4-1/4" O.D.)
- Worm shaft material/AISI 4320 (over 4-1/4" O.D.)
- Worm shaft material/AISI 4340 (thru hardened)

ACCESSORIES

- Brake couplings
- Brake motors
- Bushing/output bore
- Clevis/torque arm
- Coupling guards
- Dust cover/high speed shaft
- Dust cover/low speed shaft
- Motors/motor mounts
- Primary/belt drive
- Primary/Mechanical adjustable speed
- Seals, lip/stainless steel shell
- Shrink Disc/Ringfeder
- Torque limiter/electrical and mechanical
- Wire lock bolts

MOTOR ADAPTERS

- Air motor
- Cast steel
- Coupling special
- D flange
- Double primary adapters
- Drywell type
- Fabricated steel
- Flange/special
- Helical housing adapters
- Hydraulic motor
- Inspection plug
- Integral with housing
- Output adapters
- Scoops/worm/helical



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