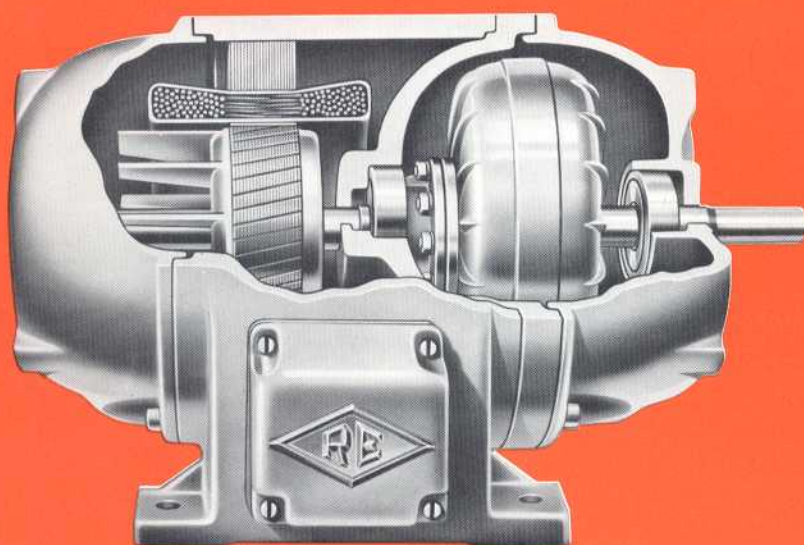


# REULAND

## Fluid-Shaft® ELECTRIC MOTORS

### MOTOR AND COUPLING IN ONE FRAME



Here is a "power package" that harnesses all the values of a fluid coupling and electric motor . . . *within a single frame*. Its merit has been proved on thousands and thousands of applications where heavy loads require smooth gradual acceleration. Its further use, in conjunction with Reuland's famous "Xpandable" design idea, provides a versatile drive unit that is unmatched!

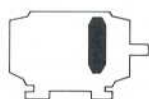
**SMOOTH ACCELERATION** — All starting inertias are absorbed in a cushion of oil. Shocks and jerks are eliminated. Gradual, stepless load acceleration.

**COMPACT, SMART APPEARANCE** — One-frame design reduces overall length almost one-third . . . gives stylish compactness.

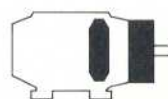
**OVERLOAD PROTECTION** — Fluid-Shaft motors start heavier loads than conventional motors of the same horsepower. Save the cost of larger motors . . . prevent starting overloads.

**LOW COST, MANY SIZES** — Fluid-Shaft motors cost less than separately mounted motors and couplings and are available in ratings of ½ H.P. through 15 H.P.

Fluid-Shaft "Xpandable" design



MOTOR AND



MOTOR, FLUID



MOTOR, FLUID COUPLING



MOTOR, FLUID COUPLING

# REULAND

BULLETIN FS-250

*Fluid-Shaft®*

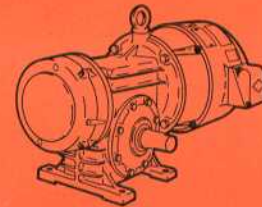
## MOTOREDUCERS and BRAKEMOTORS

Complete  
**POWER PACKAGE**  
From ONE Source

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### FLUID-SHAFT RIGHT ANGLE WORM MOTOREDUCER

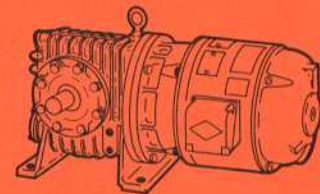
The motoreducer shown at right illustrates how Reuland "Power Packages" incorporate versatile drive features within a single frame. A standard fluid-shaft motor mounted to a right angle worm gear unit utilizing a Reuland magnetic brake, mounted on the output shaft of the coupling. Available with solid shaft or hollow shaft, foot or flange mounted.



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### FLUID-SHAFT HELICAL RIGHT ANGLE WORM MOTOREDUCER

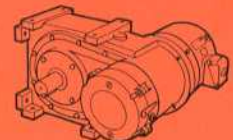
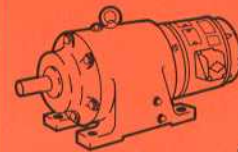
This design incorporates a fluid-shaft motor and both helical gears and worm gear set to derive maximum speed reduction and the greatest efficiency of all right angle drives. This motoreducer is also available with brake in many variations of mountings in four different gear box sizes.



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### FLUID-SHAFT HELICAL MOTOREDUCERS

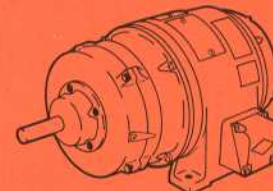
Reuland manufactures two types of helical motoreducers. The parallel shaft helical reducer, (shown on right at top) which can be supplied with brake, is available foot mounted or flange mounted; single, double or triple reduction in eleven different gear box sizes. The versatile "Versa-Drive" helical motoreducer (shown on right at bottom) is supplied standard with double end output shaft or hollow shaft. The Versa-Drive comes in two gear box sizes, with three sets of mounting feet and in addition a Reuland magnetic brake can be attached at any time.



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### FLUID-SHAFT BRAKEMOTORS

Reuland magnetic brakes and motors are made for each other . . . provide a standard, well designed power package from one source. Here the brake is mounted on a fluid-shaft motor with the shaft extending directly through for equipment hook-up.



**REULAND ELECTRIC**

MOTOR DIVISION: 17969 E. Railroad St., Industry, California 91748 - (818) 964-6411 - TWX (910) 584-1308  
BRAKE DIVISION: 4500 E. Grand River Ave., Howell, Michigan 48843 - (517) 546-4400 - TWX (810) 251-6266  
Representatives in all principal cities.

REULAND  
HONOR SYSTEM  
MOTOR SERVICE POLICY



REULAND ELECTRIC COMPANY  
INDUSTRY, CALIFORNIA & HOWELL, MICHIGAN