

FR Series

Lubrication

Grease lubricated

The FRS Series Clutch is available grease packed; these FRSG units are supplied with lipseals and open ball bearings.

Oil lubricated

The FRS and FRZ Series Clutches are furnished with lipseals and open bearings to provide the best supply of lubrication to the clutch. Unless otherwise specified, oil lubrication will be supplied on all RINGSPANN CORPORATION FRS and FRZ Freewheels.

Maintenance Free

The FRX units utilize sealed- for-life bearings and require no lubrication. FRX Freewheels are no maintenance clutches.

Options

Corrosion resistant

RINGSPANN Series FRX is available in a corrosion resistant (CR) design. Our special CR design incorporates the use of a full contact labyrinth seal to keep contaminants out; additionally we black oxide exposed surfaces to ensure long life.

RIDUVIT®

RINGSPANN CORPORATION Series FRS Freewheels are available with RINGSPANN RIDUVIT. The RIDUVIT process diffuses chromium into the surface of the steel sprag. RIDUVIT Sprags provide maximum wear resistance for indexing, backstopping, and overrunning applications.

How to Order

After determination of the clutch series and size, order specification should indicate type of lubrication, options, nominal bore, and keyway.

Example #1

RINGSPANN CORPORATION Series FRX, size 700, complete with torque arm. Clutch bore 2 15/16" with a 5/8" X 5/16" keyway. Clutch to be maintenance free with sealed-for-life bearings.

Selection

**FRX-700-2.9375-.625"
X .312"**

Selection

FRX-700 Torque Arm

Example #2

RINGSPANN CORPORATION Series FRS, size 500, grease lubricated. Clutch bored to 1.000" with a 1/4" X 1/8" keyway. Sprags should be treated with the RINGSPANN RIDUVIT process for additional life.

Selection

**FRSG-500-RIDUVIT-
1.000"-1/4" X 1/8"**

Example #3

RINGSPANN CORPORATION Series FRS, size 500, oil lubricated. Clutch bored to 1.250" with a 1/4" X 1/8" keyway.

Selection

**FRS-500-1.250"-
1/4" X 1/8"**