

World Class Customer Service

For more than 100 years, the dedicated people of Rexnord have delivered excellence in quality and service to our customers around the globe. Rexnord is a trusted name when it comes to providing skillfully engineered products that improve productivity and efficiency for industrial applications worldwide. We are committed to exceeding customer expectations in every area of our business: product design, application engineering, operations, and customer service.

Because of our customer focus, we are able to thoroughly understand the needs of your business and have the resources available to work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment down time.

Rexnord represents the most comprehensive portfolio of power transmission and conveying components in the world with the brands you know and trust.

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Falk™ True Torque® Type A.F.C
Fluid Couplings

Tough, Reliable for Armored
Face Conveyors (English-Inch)



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Falk™ True Torque® Armored Face Conveyor Fluid Couplings — Built for Maximum Torque and Running Power

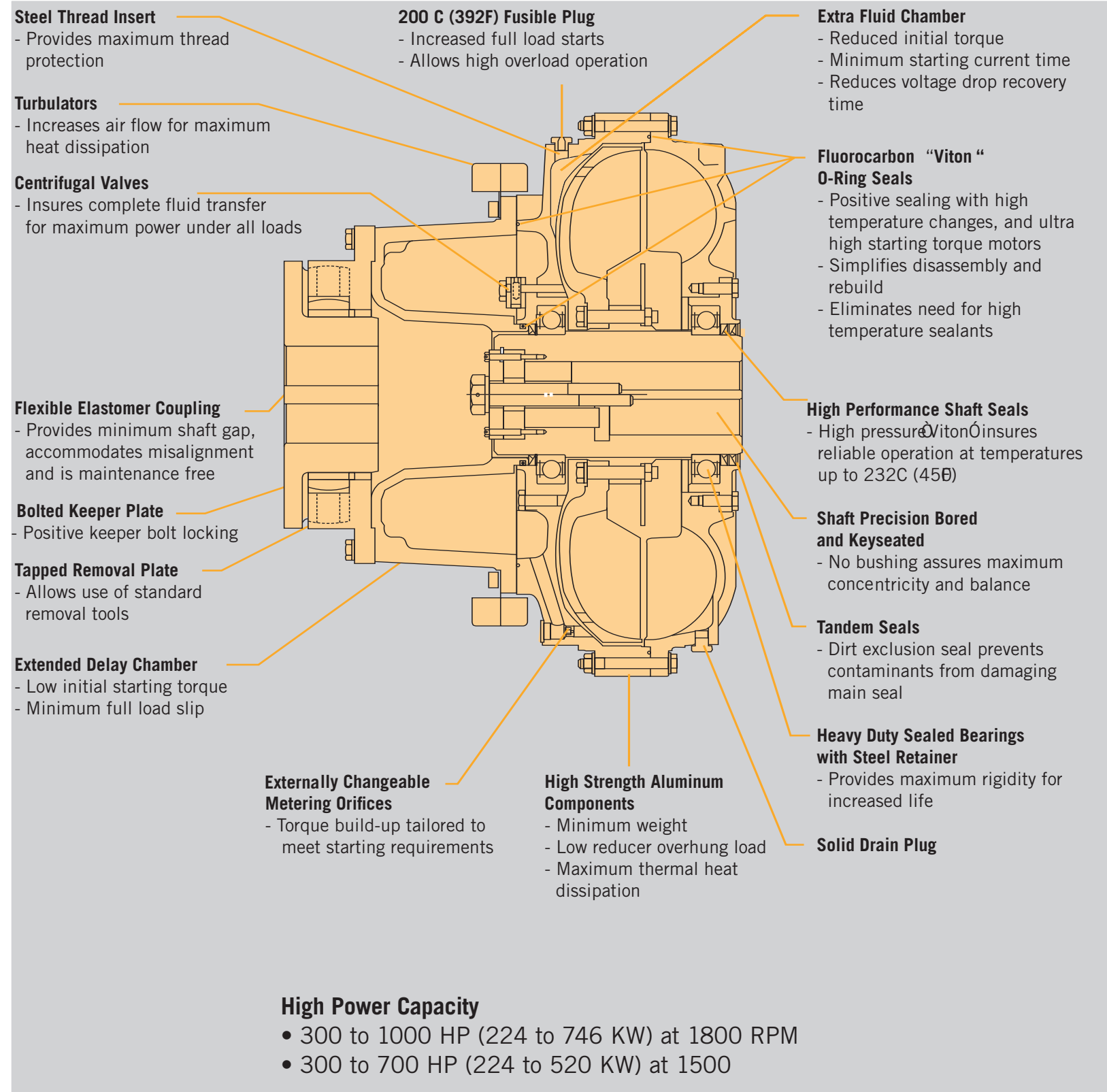
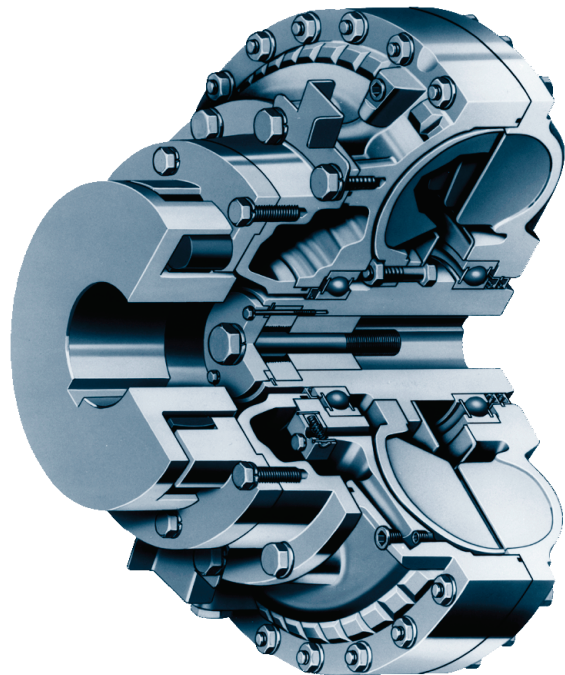
True Torque Type HFDA & HFDDA

In the coal industry, tough means Long Wall Mining. Falk armored face conveyor fluid couplings are just that tough. With our latest design features specifically for Longwall needs, Falk A.F.C. fluid couplings insure the power and reliability expected from head shaft to tail shaft.

They are designed and built to provide the maximum starting torque and running power.

A.F.C. FLUID COUPLINGS

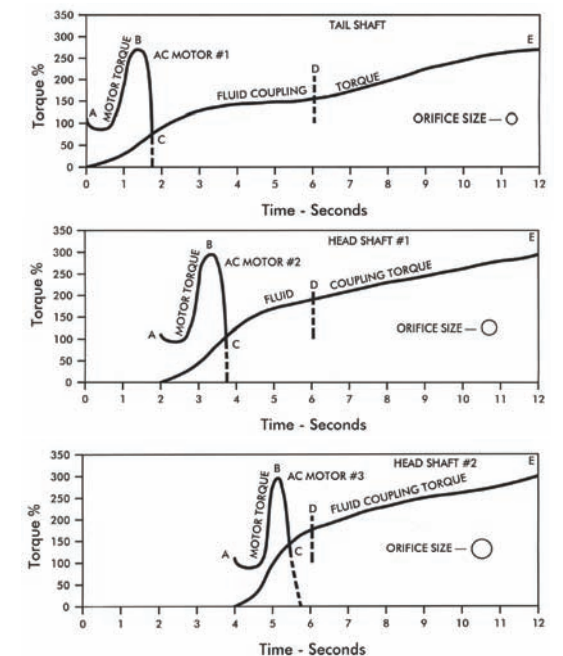
Under the heaviest load conditions, Falk's A.F.C. fluid couplings take a bite out of high operating costs by reducing downtime and increasing productivity. Here are just a few reasons why Falk A.F.C. fluid couplings are tough enough to handle the job.



The A.F.C. Advantage

- A.** Allows A.C. motor sequence starting
 - Short starting current time
 - Reduces voltage drop problems
 - Increases AC motor life
 - Easier on motor starters
- F.** For maximum starting torque
 - Controlled torque build-up with changeable metering orifices
 - Maximum torque output from all drives at the same time
- C.** Consistent high performance
 - Equal load sharing between drives
 - A.C. motors accelerate at virtually no load
 - Low initial torque
 - High starting torque capability
 - Smooth controlled starting
 - High overload capability

True Torque Type HFDDA Fluid Couplings Triple A.F.C. Drive Arrangement



Starting Torque Build-Up

- A - AC motor starts
- B - Maximum motor torque
- C - Initial fluid coupling starting torque
- D - Normal conveyor starting torque 140% - 170%
- E - Maximum torque capability - fluid coupling torque matches A.C. motor capability
- A to B - High inrush current time