



## Eaton Quick Disconnect Couplings Quick Disconnect Couplings HK/HKFR ISO B Series

# Overview & Features

Eaton's HK Series coupling sets the industry standard for ISO B Couplings. The HK Series features a rugged ball latch mechanism with automatic self-sealing poppet valves in a wide array of port configurations and

### Features

- Meets dimensional requirements to ISO standard 7241-1 Series B
- Self-sealing poppet valve design
- Seal options available include Nitrile, PTFE, Neoprene, FKM, EPDM, and Kalrez®
- Available in brass, carbon steel, and stainless steel material
- Fire rated version available with Lloyd's certification for BOP applications (HKFR series)

# Where Used



### Machine building

#### Platforms:

- CNC Machining
- Metal /Hydro Forming
- Metal Stamping and Shearing
- Plastics

#### Applications:

- Hydraulic Circuits



### Mining, metals and minerals

#### Platforms:

- Ball Mill
- Coal Mill
- Continuous Miner
- Conveyors
- Excavator
- Exploration Drill Rig
- Foundry Casting
- Highway Vocational Truck
- Longwall Mining System
- Mobile Crusher
- Off-Highway Dump Truck
- Reclaimer
- Rope Shovel
- Semi-Continuous Mining System
- Shuttle Car
- Stacker
- Stationary Crusher
- Steel Mill Furnaces
- Surface Drill Rig
- Underground Drill Rig
- Wheel Loader

#### Applications:

- Hydraulic Circuits



### Mobile machinery and equipment

#### Platforms:

- 0-40 hp
- 100+ hp
- 40-100 hp
- Aerial Work Platforms (Scissor & Boom)
- All hp
- Application Equipment
- Backhoe Loader
- Balers
- Biomass Processing
- Combines
- Compactor
- Concrete Pump
- Crane
- Crawler Dozer
- Cultivation Equipment
- Defoliating Equipment
- Delimers
- Excavator
- Feller Bunchers
- Forwarders
- Irrigation
- Irrigation Systems
- Lift Trucks
- Loaders
- Mowers



### Oil and gas

#### Platforms:

- BOP Control Systems

#### Applications:

- Hydraulic Circuits



### Rail

#### Applications:

- Hydraulic Circuits and General Fluid Conveyance



### Vehicles

#### Platforms:

- Dump
- Fire and Rescue
- Heavy Duty On-Highway
- Medium Duty On-Highway
- Pick-Up and Delivery (LTL)
- Public Transportation
- Refuse Truck
- Trailers
- Transit Mixer
- Wrecker/Recovery

#### Applications:

- Hydraulic Circuits and General Fluid Conveyance

- Paver
- Row Crop Planters
- Self-Propelled Forage Harvesters
- Self-Propelled Sprayers
- Self-Propelled Windrowers
- Skid Steer Loader
- Skidders
- Specialty Equipment/Debris
- Specialty Harvesting
- Stump Grinders and Wood Chippers
- Telehandler
- Tractors - 2WD:
- Tractors - 4WD:
- Tree Harvesters
- Trimming Equipment
- Utility Vehicles
- Wheel Loader
- Yards

**Applications:**

- Hydraulic Circuits and General Fluid Conveyance

# Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement	Audiences		
	OEM	Distributor	End User
The HK/HKFR Series are available on a global basis.			
Manufacturers with a global footprint can purchase the product series locally			
★ Eaton HKFR Series comes standard with Lloyd's Registry Certification. Not all manufacturers offer the certification on their closest-equivalent product lines in these sizes as a standard. Therefore, Eaton's HKFR			
★ Eaton offers NSN and CRN certification			
Market support is expanded - example NSN supports the department of defense and CRN supports opportunities in Canada			
Eaton offers a one stop shop for your complete quick disconnect coupling requirements including Eaton's HK/HKFR product series			
Decreases the # of PO's that need to be issued			
Decreases your freight costs			
The series features multiple thread options			
Both carbon steel, brass and stainless steel options are available			
Eaton provides local support and engineering capabilities to aid our distributors in their efforts to resell the HK/HKFR Series			
Prototyping and specials available around the world			
Product inventoried locally around the world			
Knowledgeable support before and after the sale			
Eaton offers a longer warranty period than some competitors for the HK/HKFR Series (three years)(NAM)			
This reduces equipment cost of ownership			
The HK Series is offered in 303 and 316 stainless steel			
Stainless steel bodies can be used in equipment for longer periods of time decreasing the cost of equipment ownership			
The HKFR Series BOP feature and marking comes standard for both the male and female halves			

	Allows easier identification in the field			
	Eaton's Distribution Network makes the HK/HKFR Series available globally to decrease equipment downtime			

## Tools & Collateral

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### Brochure

- [Quick Disconnect Coupling Overview Brochure \(North America\)](#)
- [Quick Disconnect Coupling Oil and Gas Brochure E-MEQD-BB007-E](#)
- [Eaton Excavator Solutions E-VLOV-MC002-E3](#)

### Catalog

- [Quick Disconnect Coupling Master Catalog E-MEQD-CC001-E6 \(North America\)](#)
- [Quick Disconnect Coupling Master Catalog E-MEQD-CC002-E2 \(EMEA\)](#)
- [Quick Disconnect Coupling Master Catalog E-MEQD-CC001-S2 \(in Spanish\)](#)

### Poster

- [Quick Disconnect Coupling Poster E-MEQD-MG002-E \(North America\)](#)

### Press Releases

- [HKFR Press Release](#)

### Product Images

- [Quick Disconnect Coupling Product Images](#)

### Video

- [Quick Disconnect Coupling Video](#)

### Website

- [Quick Disconnect Coupling Website](#)