

HKFR Series: Enhanced Design for BOP (Blow-out Preventer) Service



The HKFR Series is a quick disconnect, hydraulic coupling, that is designed for hazardous BOP (Blow-Out Preventer) service in the Oil & Gas Industry. It meets or exceeds the ISO 7241-1 Series B standard.

Features

- Easy visual verification: the BOP designation is clearly marked on the socket and plug. Plus, a distinctive red socket sleeve and red plug wrench flats make it simple to identify.
- Dependable: Equipped with ball-locking technology that provides a consistent, positive connection.
- Compact Design: Ideal for building panels where space is limited.
- Easy to Use: Connect and disconnect quickly without tools and no risk of cross threading.
- Safe: Sleeve lock is standard which prevents accidental disconnects.
- Environmental Protection: Two-way valve design minimizes fluid spillage.

Applications

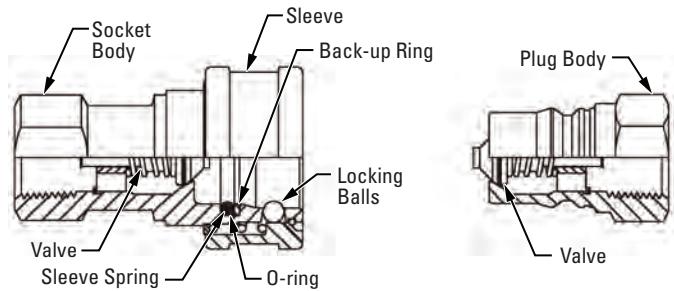
- Oil & Gas Industry



Lloyd's Register Certification

- Individual Certification on
- $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1" sizes
- Certified to 700° C/ 1300° F
- Exceeds API 16D and EUB
- Directive 36 requirements

HKFR Series BOP Safety Coupling



Part Number	4HFR26	4KFR26
Description	Socket	Plug
Body Size	1/2" (12.7 mm)	
Material	Steel	
Maximum Working Pressure (Connected)	7000 PSI / 482 BAR	
Minimum Burst Pressure (Connected)	28,000 PSI / 1,931 BAR	

Part Number	4HFR26	4KFR26
Description	Socket	Plug
Body Size	3/4" (19.0 mm)	
Material	Steel	
Maximum Working Pressure (Connected)	5000 PSI / 344 BAR	
Minimum Burst Pressure (Connected)	18,150 PSI / 1,251 BAR	

Part Number	4HFR26	4KFR26
Description	Socket	Plug
Body Size	1/2" (12.7 mm)	
Material	Steel	
Maximum Working Pressure (Connected)	5000 PSI / 344 BAR	
Minimum Burst Pressure (Connected)	20,000 PSI / 1,379 BAR	

Part Number	4HFR26	4KFR26
Description	Socket	Plug
Body Size	1" (25.4 mm)	
Material	Stainless Steel	
Maximum Working Pressure (Connected)	5000 PSI / 344 BAR	
Minimum Burst Pressure (Connected)	20,000 PSI / 1,379 BAR	

Lloyd's Register Certification

All of the above items carry a Lloyd's Registry Certificate for fire conditions stated in API 16D and EUB Directive 35. These parts met the requirements that state couplings shall be capable of maintaining pressure when exposed to a 700° C (1,300° F) temperature for a five-minute period. Testing for this certification was conducted at the following pressures in the connected condition.

4HFR26 / 4KFR26: 3,000 PSI / 206 BAR

6HFR31 / 6KFR31: 3,000 PSI / 206 BAR

8HFR36 / 8KFR36: 4,000 PSI / 275 BAR

ML8HFR36 / ML8KFR36: 4,000 PSI / 275 BAR

WARNING

Over-pressurization could result in a sudden failure of the coupling causing severe bodily injury or death. Be sure to select the proper coupling for your application and use it only within the specified service pressure range.

WARNING

Couplings do wear out. In order to avoid severe bodily injury or death, couplings must be routinely checked for condition and replaced if necessary.

美国Eaton_Hansen快速接头代理商

北京

信德迈科技(北京)有限公司 CNMEC Technology
地址：北京朝阳区望京SOHO-T1-C座2115室

邮编：100029

*Tel: 010-8428 2935 | * Fax: 010-8428 8762

*手机：139 1096 2635

*电子邮件：sales@cnmec.biz

主页：<http://www.cnmec.biz>



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