

## SERIES HKFR



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: BOP designation is clearly marked on the socket and plug, along with a distinctive red socket sleeve and red plug wrench flats for simple identification
- 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 & MARKETS

- Oil & Gas



#### Interchangeability

- ISO 7241-1 Series B



#### Materials

- Steel
- Stainless Steel (ML8HFR36)



**1/2" to 1" nominal**  
(12.7 mm to 25.4 mm)



#### Certified to 1300° F (700° C)

(see Lloyd's Register Certification below)



#### Rated Pressure Chart

Part Number	Body Size inches	Maximum Burst Pressure (Connected)		Minimum Burst Pressure (Connected)	
		PSI	BAR	PSI	BAR
4HFR26	1/2	7,000	482	28,000	1,931
6HFR26	3/4	5,000	344	18,150	1,251
8HFR26	1	5,000	344	20,000	1,379
ML8HFR36*	1	5,000	344	20,000	1,379

\* Stainless Steel

### 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:

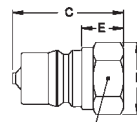
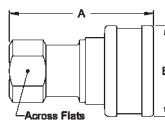
- 4HFR26 / 4KFR26: 3,000 PSI / 206 BAR
- 6HFR31 / 6KFR31: 3,000 PSI / 206 BAR
- 8HFR36 / 8KFR36: 4,000 PSI / 275 BAR
- ML8HFR36 / ML8KFR36: 4,000 PSI / 275 BAR

### SOCKETS

Part No.	Body Size	Thread Detail (Female)	Dimensions		
			A	B	Across Flats
4HFR26	1/4"	1/2-14 NPTF	2.96	1.86	1.13
6HFR26	3/4"	3/4-14 NPTF	3.48	2.22	1.31
8HFR26	1"	1-1½ NPTF	4.13	2.61	1.75
ML8HFR36*	1"	1-1½ NPTF	4.13	2.61	1.75

\* Stainless Steel

### Female End Connections



### PLUGS

Part No.	Thread Size	Dimensions			
		C	D	E	HEX
4KFR26	1/2-14 NPTF	2.03	1.30	0.76	1.13
5HFR31	3/4-14 NPTF	2.36	1.52	0.71	1.31
8KFR36	1-11½ NPTF	2.85	1.88	0.97	1.63
ML8KFR36*	1-11½ NPTF	2.85	1.88	0.97	1.63