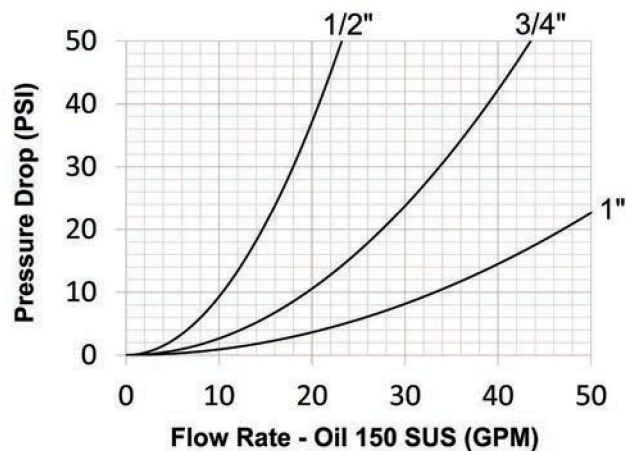


Hydraulic Couplings: H-BOP-Series

Interchange Data

- Interchangeable to ISO7241 Series B
- Eaton/Hansen HKFR-Series, DNP HNV-BOP-Series



Seal Components

- Blow-out preventer (BOP) couplings contain severe service FKM seals
- PTFE anti-extrusion ring protects main coupling body seal from dynamic impulse pressure damage
- Coupler has redundant O-ring sealing system
- Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection

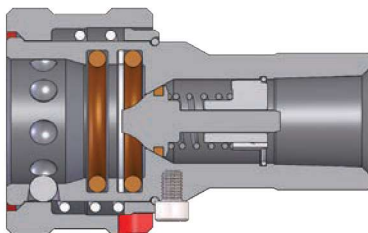
Materials

- Machined components are manufactured using solid steel or 316 stainless steel bar stock
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life
- Steel componentry is plated using ROHS-compliant zinc-nickel
- Steel coupler sleeves are hardened to resist deformation and maximize service life
- Steel plugs are hardened to provide heavy-duty performance and resist brinelling
- Red powder coated coupler sleeve and plug hex for easy BOP service identification
- Locking sleeve is standard

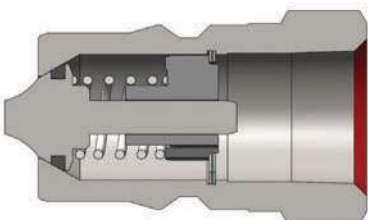
- BOP couplings have been fire tested and Lloyd's certified to 1300°F (700°C) in accordance with API 16D. Certificate available upon request.
- Use H-Series dust caps and dust plugs found on page 77

Rated Pressure Chart

Body Size	H-BOP-Series Blowout Preventer Safety Interchange									
	Steel Coupler/Plug				316 SS Coupler/Plug				Lloyd's Test Pressure	Flow ΔP = 22 PSI
	Maximum Working		Burst		Maximum Working		Burst			
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar		
3/8"	5,000	345	16,500	1,150	5,000	345	21,500	1,450	5,000	12 GPM
1/2"	5,000	345	16,000	1,100	5,000	345	22,000	1,500	5,000	15 GPM
3/4"	5,000	345	16,500	1,150	5,000	345	21,500	1,450	5,000	29 GPM
1"	5,000	345	16,000	1,100	5,000	345	15,000	1,000	5,000	50 GPM



Body Size	H-BOP-Series Blowout Preventer Safety Coupler (Female Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	Inch	mm	Inch	mm	
3/8"	3HF3-BOP	3/8" - 18 NPTF	steel	2.50	63.5	1.41	35.8	7/8"
	3HF3-SS-BOP	3/8" - 18 NPTF	316 stainless	2.50	63.5	1.41	35.8	7/8"
1/2"	4HF4-BOP	1/2" - 14 NPTF	steel	2.86	72.6	1.86	47.2	1-5/16"
	4HF4-SS-BOP	1/2" - 14 NPTF	316 stainless	2.86	72.6	1.86	47.2	1-5/16"
3/4"	6HF6-BOP	3/4" - 14 NPTF	steel	3.55	90.2	2.22	56.4	1-5/16"
	6HF6-SS-BOP	3/4" - 14 NPTF	316 stainless	3.55	90.2	2.22	56.4	1-5/16"
1"	8HF8-BOP	1" - 11-1/2 NPTF	steel	4.13	104.9	2.49	63.2	1-5/8"
	8HF8-SS-BOP	1" - 11-1/2 NPTF	316 stainless	4.13	104.9	2.49	63.2	1-5/8"



Body Size	H-BOP-Series Blowout Preventer Safety Plug (Female Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	Inch	mm	Inch	mm	
3/8"	H3F3-BOP	3/8" - 18 NPTF	steel	1.53	38.9	0.96	24.4	7/8"
	H3F3-SS-BOP	3/8" - 18 NPTF	316 stainless	1.53	38.9	0.96	24.4	7/8"
1/2"	H4F4-BOP	1/2" - 14 NPTF	steel	1.94	49.3	1.17	29.7	1-1/16"
	H4F4-SS-BOP	1/2" - 14 NPTF	316 stainless	1.94	49.3	1.17	29.7	1-1/16"
3/4"	H6F6-BOP	3/4" - 14 NPTF	steel	2.41	61.2	1.44	36.6	1-5/16"
	H6F6-SS-BOP	3/4" - 14 NPTF	316 stainless	2.41	61.2	1.44	36.6	1-5/16"
1"	H8F8-BOP	1" - 11-1/2 NPTF	steel	2.87	72.9	1.79	45.5	1-5/8"
	H8F8-SS-BOP	1" - 11-1/2 NPTF	316 stainless	2.87	72.9	1.79	45.5	1-5/8"