



UHP 150

Couplings for Ultra High Pressure applications (150 MPa series).

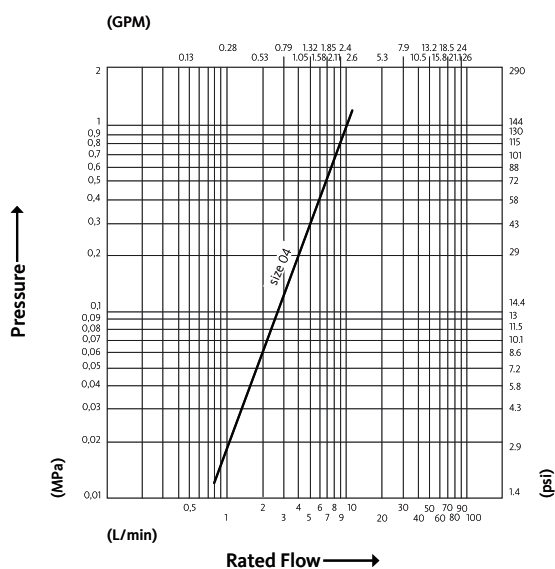
UHP couplings are the most advanced Faster solution for hydraulic applications with ultra high working pressures of 150 MPa and more. Very robust and reliable, they are characterized by redundant visual and mechanical safety systems.



Applications



Pressure Drop



Test performed according to ISO 18869

Technical Specifications

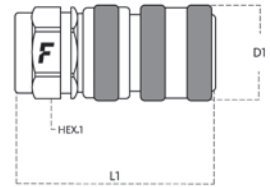
dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
04	6.3	1/4"	150	4	0.008	50	350	350	350

Material	Steel
Seals	NBR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 500 - 1000 (Zn-Ni)
Series Interchange	MARKET

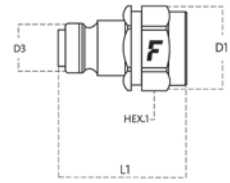
Valve Type	Poppet
Connection	Sleeve Retraction
Disconnection	Sleeve Retraction
Connection Under Pressure	Not Allowed



UHP 150



Size		Thread details			FEMALE							
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		
						mm	inch	mm	inch	mm	inch	
6.3	1/4"	F BSP (Metal Sealing)	ISO 1179-1	BSP 1/4 FEMALE (METAL SEALING)	UHP150 14GMS F	62.3	2.45	28	1.1	24	0.94	
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	UHP150 14NPT F	59.3	2.33	28	1.1	24	0.94	



Size		Thread details			MALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		D3		HEX1	
						mm	inch	mm	inch	mm	inch	mm	inch
6.3	1/4"	F BSP (Metal Sealing)	ISO 1179-1	BSP 1/4 FEMALE (METAL SEALING)	UHP150 14GMS M	39	1.54	25	0.98	14.8	0.58	22	0.87
6.3	1/4"	F NPTF	ANSI B1.20.3	NPTF 1/4" FEMALE	UHP150 14NPT M	38.3	1.51	25	0.98	14.8	0.58	22	0.87

NOTE: Black PVC dust protection are supplied together with the product as a standard.

