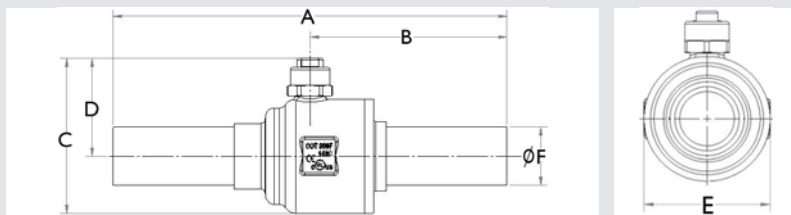




Features:

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 2031 psi, 140 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- Designed for transcritical CO2 systems
- Bi-directional flow
- Brass body with copper-iron alloy connections
- Bleed hole in ball allows for the support of gas pressure without stressing other components
- Full port construction to match line size
- Rupture-proof, internally-loaded stem
- Specially selected o-ring material compatible for CO2 operating conditions
- UL/cUL Listed, conforms to Pressure Equipment Directive 2014/68/EU and EN 378-2

Straight End Connection



Part Number	Size		Cv	Kv	A		B		C Min		D		E		G **		H **	Port (in)	Wt		Seal Cap Kit
	in	mm			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			lb	kg	
AF17856XHP	3/8	10	4.3	4	5.50	140	3.01	76	1.54	39	1.14	29	0.80	20	0.31	8	M4 X 0.7	0.50	0.24	0.11	A 17842
AF17861XHP	1/2	13	6.2	5	6.35	161	3.41	87	2.23	57	1.69	43	1.14	29	0.38	10	M4 X 0.7	0.50			A 17842
AF17862XHP	5/8	17	12.1	10	6.35	161	3.41	87	2.23	57	1.69	43	1.14	29	0.50	13	M4 X 0.7	0.50	0.55	0.25	A 17842
AF17864XHP	7/8	22	27.5	24	7.45	189	3.88	99	3.35	85	2.07	53	1.76	45	0.75	19	M4 X 0.7	0.75	1.59	0.72	A 17843
AF17865XHP	1 1/8	29	54.0	47	8.41	214	4.33	110	3.97	101	2.50	64	2.26	57	0.91	23	M4 X 0.7	1.00	3.03	1.37	A 17843
AF17866XHP	1 3/8	35	89.1	77	10.00	254	5.00	127	3.92	100	2.55	65	2.76	70	0.00	0	M6 X 1.0	1.25	4.55	2.06	A 17844
AF17867XHP	1 5/8	41	114.0	99	11.00	279	5.50	140	4.33	110	2.74	70	3.18	81	0.00	0	M6 X 1.0	1.50	6.74	3.06	A 17844
AF17868XHP	2 1/8	54	244.0	211	12.00	305	6.00	152	5.53	140	3.47	88	4.14	105	0.00	0	M6 X 1.0	2.00	13.66	6.20	A 17845

XHP Female x Female Coupling available through Mueller Streamline