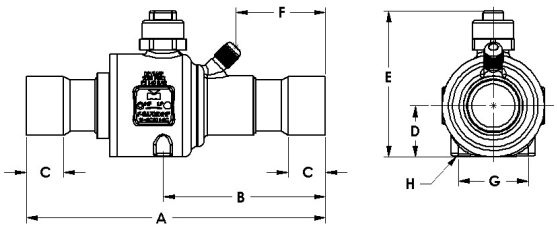
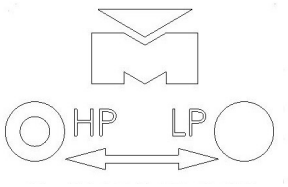
Features:

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 2031 psi, 140 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- For R-744 with POE and PAG oil
- Brass body with copper-iron alloy connections
- Bleed hole in ball minimizes potential for liquid entrapment
- 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 EU Pressure Equipment Directive and UK Pressure Equipment Regulation

Transcritical CO2, 140 bar Standard with Access Port





Installation recommendation:
Install the HP side so that it is oriented to the high pressure side of the system.

Part Number	Size		Cv	Kv	A		B		C Min		D		E		F		G		H	Port (in)	Wt		Seal Cap Kit
	in	mm			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		lb	kg	
AQ17859XHP	1/4	6	1.0	0.9	5.00	127	2.82	72	0.25	6	0.54	14	2.23	57	1.01	26	0.87	22	M4 × 0.7	0.50	0.60	0.27	A 17842
AQ17860XHP	3/8	10	4.3	3.7	5.20	132	2.92	74	0.31	8	0.54	14	2.23	57	1.11	28	0.87	22	M4 × 0.7	0.50	0.61	0.28	A 17842
AQ17861XHP	1/2	13	6.2	5.4	5.47	139	3.06	78	0.38	10	0.54	14	2.23	57	1.25	32	0.87	22	M4 × 0.7	0.50	0.62	0.28	A 17842
AQ17862XHP	5/8	17	12.1	10.5	5.83	148	3.24	82	0.50	13	0.54	14	2.23	57	1.43	36	0.87	22	M4 × 0.7	0.50	0.63	0.29	A 17842
AQ17863XHP	3/4	19	19.0	16.4	5.83	148	3.18	81	0.62	16	0.80	20	2.74	70	1.56	40	1.18	30	M4 × 0.7	0.75	1.13	0.51	A 17843
AQ17864XHP	7/8	22	27.5	23.8	7.27	185	3.90	99	0.75	19	0.80	20	2.74	70	2.28	58	1.18	30	M4 × 0.7	0.75	1.19	0.54	A 17843
AQ17865XHP	1 1/8	29	48.9	42.3	7.27	185	3.97	101	0.91	23	1.10	28	3.48	88	2.10	53	1.50	38	M4 × 0.7	1.00	2.54	1.15	A 17844
AQ17866XHP	1 3/8	35	77.6	67.1	8.06	205	4.37	111	0.97	25	1.38	35	3.92	100	2.41	61	1.89	48	M6 × 1.0	1.25	4.51	2.04	A 17844
AQ17867XHP	1 5/8	41	96.1	83.1	9.46	240	4.98	126	1.09	28	1.59	40	4.33	110	2.84	72	2.17	55	M6 × 1.0	1.50	6.69	3.03	A 17844
AQ17868XHP	2 1/8	54	198.0	171.2	10.84	275	5.64	143	1.34	34	2.07	53	5.53	140	3.17	81	2.91	74	M6 × 1.0	2.00	13.68	6.21	A 17845