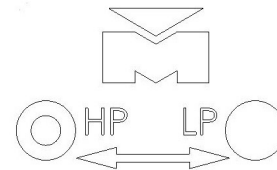




**Stainless Steel Transcritical CO<sub>2</sub>, 150 bar**

**Features:**

- Design Pressure (DP) / Maximum abnormal pressure (MAP): up to 2176 psi, 150 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- For R-744 with POE and PAG oil
- Brass body with stainless steel 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 CO<sub>2</sub> operating conditions
- UL/cUL Listed, Conforms to EU Pressure Equipment Directive and UK Pressure Equipment Regulation



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

Part Number	Connection		Cv	Kv	A		B		C		D		E		F		G		H	Port	MAP		Weight		Seal Cap
	NPS	DN			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			in	psig	bar	lb	
AQ17860XHPSS	1/8	6	4.0	3	5.20	132	2.24	57	0.405	10	0.54	14	2.23	57	1.15	29	0.87	22	M4×0.7	0.50	2176	150	0.66	0.30	A 17842
AQ17861XHPSS	1/4	8	4.9	4	5.47	139	2.41	61	0.540	14	0.54	14	2.23	57	1.25	32	0.87	22	M4×0.7	0.50	2176	150	0.69	0.31	A 17842
AQ17862XHPSS	3/8	10	10.3	9	5.83	148	2.59	66	0.675	17	0.54	14	2.23	57	1.43	36	0.87	22	M4×0.7	0.50	2176	150	0.74	0.33	A 17842
AQ17864XHPSS	1/2	15	21.0	18	7.28	185	3.38	86	0.840	21	0.80	20	2.74	70	2.28	58	1.18	30	M4×0.7	0.75	2176	150	1.30	0.59	A 17843
AQ17865XHPSS	3/4	20	42.0	36	7.28	185	3.31	84	1.050	27	1.10	28	3.48	88	2.10	53	1.50	38	M4×0.7	1.00	2176	150	2.54	1.15	A 17844
AQ17866XHPSS	1	25	74.0	64	8.06	205	3.69	94	1.315	33	1.38	35	3.92	100	2.41	61	1.89	48	M6×1.0	1.25	2176	150	4.51	2.04	A 17844
AQ17867XHPSS	1 1/4	32	111.0	96	9.45	240	4.47	114	1.660	42	1.59	40	4.32	110	2.84	72	2.17	55	M6×1.0	1.50	2176	150	6.63	3.01	A 17844
AQ17868XHPSS	1 1/2	40	196.0	170	10.83	275	5.19	132	1.900	48	2.07	53	5.53	140	3.17	81	2.91	74	M6×1.0	2.00	2031	140	13.05	5.92	A 17845
AQ17871XHPSS	2	50	234.0	202	10.83	275	5.19	132	2.375	60	2.07	53	5.53	140	3.17	81	2.91	74	M6×1.0	2.00	2031	140	13.45	6.10	A 17845