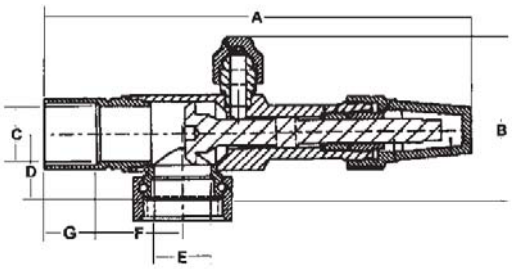
GREAT LAKES COPPER | MUELLER REFRIGERATION

BRASS ANGLE ISOLATION VALVES

SOLDER TO ROTOLOCK





Features:

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 700 psig, 48 bar
- Continuous operating temperature (COT):-40°F/300°F, -40°C/149°C
- Contact factory or visit website for compatibility with CFC, HCFC, HFC and HFO refrigerants and oils
- UL/cUL Recognized, Conforms to Pressure Equipment Directive 2014/68/EU
- 100% tested
- Asbestos-free packing material
- Quick-change packing gland allows easy replacement without refrigerant loss
- Solid brass construction for maximum protection in all environmental conditions
- Backseating design

Part Number		Size	Cv	Kv	A		B		C		D		E		F		Flare Size	Wt		Packing Kit
					in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	lb	kg	
B 34418	*	5/8 X 1 THD	6.00	5.19	5.35	136	2.25	57	0.55	14	0.93	24	0.55	14	0.17	4	1/4	0.68	0.31	A 17420
B 34417	*	7/8 X 1 1/4 THD	15.00	12.97	6.56	167	2.40	61	0.75	19	1.07	27	0.75	19	1.27	32	1/4	1.33	0.61	A 17419
B 34415	**	1 3/8 X 1 3/4 THD	38.00	32.87	9.52	242	3.22	82	1.25	32	1.41	36	1.25	32	1.91	49	3/8	3.26	1.48	A 17419
B 34414	**	1 5/8 X 2 1/4 THD	53.00	45.84	10.04	255	3.35	85	1.50	38	1.58	40	1.50	38	2.19	56	3/8	4.26	1.93	A 17419

Torque To Seal

Part Number	Front Seat		Back Seat		Pack Gland		Rotolock Nut		Plastic Cap	Brass Cap	
	(ft-lb)	(N-m):	(ft-lb)	(N-m):	(ft-lb)	(N-m):	(ft-lb)	(N-m):		(ft-lb)	(N-m)
B 34418	16 - 18	22 - 24	16 - 18	22 - 24	8 - 12	11 - 16	40 - 50	54 - 68	Finger Tight		
B 34417	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27	60 - 80	81 - 109	Finger Tight		
B 34415	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27	60 - 80	81 - 109		40 - 50	54 - 68
B 34414	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27	80 - 100	109 - 136		40 - 50	54 - 68

Rotolock Couplings and Line Break Kits

Union Size	Male Spud	Gasket	Line Break Kit ****
1 1/8	S 36173	P 36168	A 17910
1 3/8	S 36171	P 36169	A 17912
1 5/8	S 36164	P 36167	A 17908

*	Plastic Cap
**	Brass Cap
***	Flare Seal Cap and Plastic Seal Cap should be finger tight
****	Includes Rotolock, Spud and Gasket
*****	Consult factory

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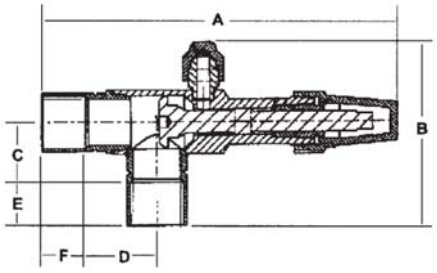
BRASS ANGLE ISOLATION VALVES

SOLDER TO SOLDER



Features:

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 700 psig, 48 bar
- Continuous operating temperature (COT): -40°F/300°F, -40°C/149°C
- Contact factory or visit website for compatibility with CFC, HCFC, HFC and HFO refrigerants and oils
- UL/cUL Recognized, Conforms to Pressure Equipment Directive 2014/68/EU
- 100% tested
- Asbestos-free packing material
- Quick-change packing gland allows easy replacement without refrigerant loss
- Solid brass construction for maximum protection in all environmental conditions
- Backseating design



Part Number		Size	Cv	Kv	A		B		C		D		E		F		Flare Size in	Wt		Packing Kit
					in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		lb	kg	
B 34413	*	5/8 X 5/8	6.00	5.19	5.38	137	2.58	66	0.84	21	1.17	30	0.50	13	0.50	13	1/4	0.56	0.25	A 17420
B 34412	*	7/8 X 7/8	15.00	12.97	6.52	166	3.09	78	0.91	23	1.27	32	0.75	19	0.75	19	1/4	1.10	0.50	A 17419
B 35224	*	1 1/8 X 1 1/8	25.00	21.62	7.58	193	3.77	96	1.31	33	1.50	38	0.94	24	0.94	24	3/8	1.85	0.84	A 17419
B 34778	**	1 1/8 X 1 1/8			7.58	193	3.77	96	1.31	33	1.50	38	1.00	25	0.94	24	3/8	2.06	0.93	A 17419
B 34594	**	1 3/8 X 1 3/8	38.00	32.87	9.52	242	4.14	105	1.50	38	1.91	49	1.00	25	1.00	25	3/8	2.87	1.30	A 17419
B 35291	**	1 3/8 X 1 3/8	38.00	32.87	9.52	242	4.14	105	1.50	38	1.91	49	1.00	25	1.00	25	1/4	2.99	1.36	A 17419
B 34595	**	1 5/8 X 1 5/8	53.00	45.84	9.98	253	4.62	117	1.75	44	2.19	56	1.09	28	1.09	28	3/8	3.89	1.76	A 17419

Torque To Seal									
Part Number	Front Seat		Back Seat		Pack Gland		Plastic Cap	Brass Cap	
	(ft-lb)	(N-m):	(ft-lb)	(N-m):	(ft-lb)	(N-m):		(ft-lb)	(N-m)
B 34413	16 - 18	22 - 24	16 - 18	22 - 24	8 - 12	11 - 16	Finger Tight		
B 34412	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27	Finger Tight		
B 35224	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27	Finger Tight		
B 34778	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27		40 - 50	54 - 68
B 34594	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27		40 - 50	54 - 68
B 35291	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27		40 - 50	54 - 68
B 34595	22 - 40	30 - 54	25 - 45	34 - 61	15 - 20	20 - 27		40 - 50	54 - 68

* Plastic Cap

** Brass Cap

*** Flare Seal Cap and Plastic Seal Cap should be finger tight