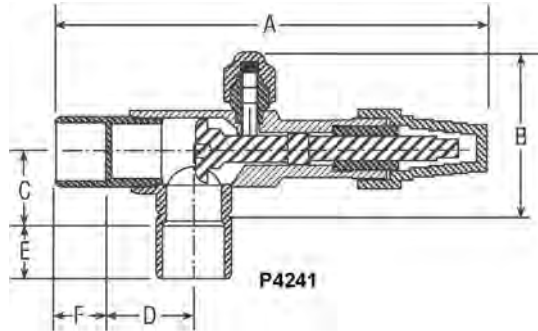


## MUELLER - ANGLE ISOLATION VALVES

### SPECIFICATIONS

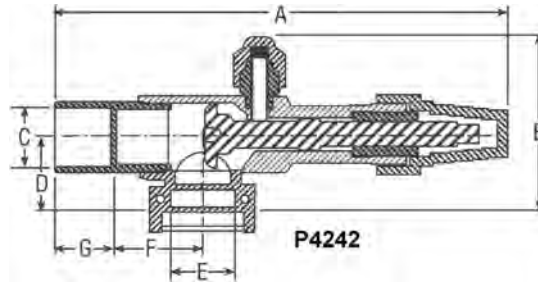
TECHNICAL DATA										
PART NO.	B-34413	B-34412	B-35224	B-34594	B-34595	B-34418	B-34417	B-34416	B-34415	B-34414
<b>TORQUES TO SEAL (ft-lb)</b>										
Front Seat	16-18	22-40	22-40	22-40	22-40	16-18	22-40	22-40	22-40	22-40
Back Seat	16-18	25-45	25-45	25-45	25-45	16-18	25-45	25-45	25-45	25-45
Pack Gland	8-12	15-25	15-25	15-25	15-25	8-12	15-25	15-25	15-25	15-25
Flare Seal Cap	8-10	8-10	15-25	15-25	15-25	8-10	8-10	15-25	15-25	15-25
Rotolock Nut	NA	NA	NA	NA	NA	40-50	60-80	60-80	60-80	80-100
Seal Cap	Finger Tight			40-50	40-50	Finger Tight			40-50	40-50
Maximum Working Pressure (psig)	500	500	500	500	500	500	500	500	500	500
Burst Pressure (psig)	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Working Temperature Range (°F)	-40/300	-40/300	-40/300	-40/300	-40/300	-40/300	-40/300	-40/300	-40/300	-40/300
Refrigerants	All Fluorinated Types									

### Solder X Solder Angle Isolation Valve



PART NO	SIZE	SIZE Flare	A	B	C	D	E	F	Cv
B 34413	5/8 ODS x 5/8 ODS	1/4	5-27/64	2-21/32	27/32	1-11/64	1/2	1/2	6
B 34412	7/8 ODS x 7/8 ODS	1/4	6-9/16	3-3/32	29/32	1-17/64	3/4	3/4	15
B 35224	1-1/8 ODS x 1-1/8 ODS	3/8	7-19/32	3-63/64	1-5/16	1-1/2	15/16	15/16	25
B 34594	1-3/8 ODS x 1-3/8 ODS	3/8	9-31/64	4-3/16	1-1/2	1-29/32	1	1	38
B 34595	1-5/8 ODS x 1-5/8 ODS	1/4	10-3/64	4-11/16	1-3/4	2-3/16	1-3/32	1-3/32	53
B 34479	1-1/8 ODS x 1-3/8 ODS	1/4	7-19/32	3-3/4	1-1/4	1-1/2	1	15/16	--

### Solder X Rotolock Angle Isolation Valve



PART NO	SIZE	SIZE Flare	A	B	C	D	E	F	G	Cv
B 34418	5/8 ODS x 1 THD	1/4	5-27/64	2-1/4	35/64	15/16	35/64	11/64	1/2	6
B 34417	7/8 ODS x 1-1/4 THD	1/4	6-9/16	2-31/64	3/4	1-3/64	3/4	1-17/64	3/4	15
B 34416	1-1/8 ODS x 1-1/2 THD	3/8	7-19/32	3	1	1-1/4	1	1-35/64	15/16	25
B 34415	1-3/8 ODS x 1-3/4 THD	3/8	9-33/64	3-17/64	1-1/4	1-13/32	1-1/4	1-29/32	1	38
B 34414	1-5/8 ODS x 2-1/4 THD	3/8	10-3/64	3-35/64	1-1/2	1-9/16	1-1/2	2-3/16	1-3/32	53