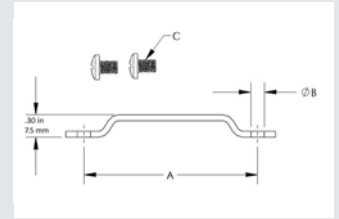


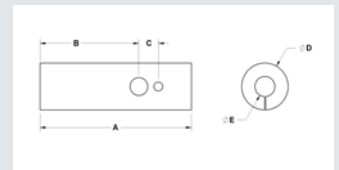
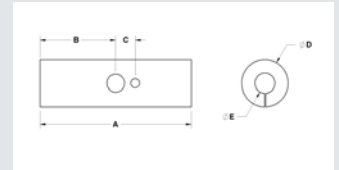
Bracket Kits

Part Number	Valve Size	A		B		Screw Thread Size (C)	Wt	
		(in)	(mm)	(in)	(mm)		(lb)	(kg)
B 35531	1/4 - 5/8	2.28	58	0.17	4.4	M4 X .07	0.03	0.02
B 35532	3/4 - 7/8	2.84	72	0.17	4.4	M4 X .07	0.03	0.02
B 35533	1 1/8	3.07	78	0.17	4.4	M4 X .07	0.04	0.02
B 35534	1 3/8	3.62	92	0.25	6.4	M6 X 1.0	0.05	0.02
B 35535	1 5/8	3.94	100	0.25	6.4	M6 X 1.0	0.05	0.02
B 35536	2 1/8	4.80	122	0.25	6.4	M6 X 1.0	0.06	0.02



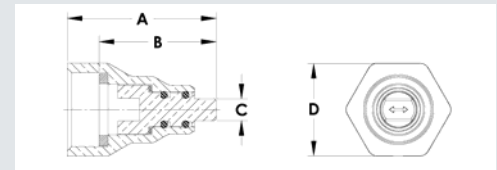
Insulation Cover

Insulation	Valve Size	A (in)	B (in)	C (in)	D (in)	E (in)	Thickness (in)	Wt(lb)
38RBVINS	3/8	5.50	3.00	0.63	2.50	1.19	0.50	0.10
12RBVINS	1/2	6.38	3.44	0.63	2.50	1.19	0.50	0.10
58RBVINS	5/8	6.38	3.44	0.63	2.50	1.38	0.50	0.10
34RBVINS	3/4	7.44	3.88	0.88	3.06	1.63	1.09	0.10
78RBVINS	7/8	7.44	3.88	0.88	3.06	1.63	1.09	0.10
118RBVINS	1 1/8	8.44	4.31	1.13	3.63	1.75	1.25	0.10
138RBVINS	1 3/8	10.00	5.00	1.25	3.94	2.06	1.35	0.10
158RBVINS	1 5/8	11.00	5.50	1.44	4.56	2.25	1.56	0.32
218RBVINS	2 1/8	12.00	6.06	1.88	5.38	2.44	1.75	0.10
258RBVINS	2 5/8	13.50	6.81	2.25	6.25	2.88	2.00	0.82
MSBVINS	Holes Offset	8.56	6.56	1.10	2.63	1.13	0.75	0.10
MSBVINSCEN	Holes Centered	8.56	4.28	1.10	2.63	1.13	0.75	0.02




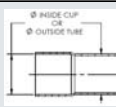
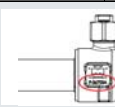

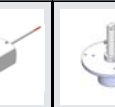
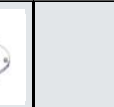
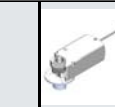






Retrofit Cap

- Designed to replace existing caps on installed valves for the full range of CYCLEMASTER Ball Valve sizes 1/4" to 3 1/8"
- Large nut secures cap assembly to valve neck allowing center post to easily turn for on/off operation and clear visual identification
- Uses dual o-ring stem seals and base seal to assure positive isolation

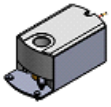
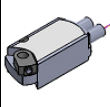
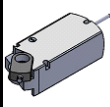
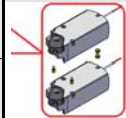




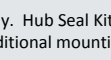
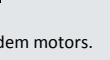
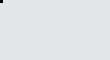
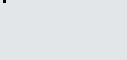


Part Number	Valve Configuration	Valve Size in	A		B		C		D		Recommended Sealing Torque		Wt	
			in	mm	in	mm	in	mm	in	mm	ft-lb	N-m	lb	kg
A 18351	Straight	1/4 - 5/8	1.33	34	1.04	26	0.16	4	0.81	21	3 - 4	4 - 5	0.08	0.04
	3-Way	1/4 - 5/8												
A 18352	** Straight	3/4 - 1 1/8	1.50	38	1.18	30	0.22	6	0.94	24	5 - 6	7 - 8	0.12	0.05
	3-Way	3/4 - 7/8												
A 18353	*** Straight	1 3/8 - 1 5/8	1.92	49	1.59	40	0.31	8	1.13	29	13 - 15	18 - 20	0.22	0.10
	3-Way	1 1/8												
A 18354	Straight	2 1/8, 2 5/8 & 3 1/8" Red Port	2.57	65	1.97	50	0.38	10	1.63	41	40 - 45	54 - 61	0.57	0.26
	3-Way	1 3/8 - 2 1/8, 2 5/8 & 3 1/8" Red Port												
A 18355	* Straight	2 5/8 & 3 1/8 Full Port	2.66	68	2.10	53	0.38	10	1.88	48	45 - 50	61 - 68	0.84	0.38
	3-Way													

Valve sizes listed are based on current standard product offering. Confirm part number requirement based on thread size.

Stem Neck Thread Size	Connection Size (in)	Straight Body No.	3-Way Body No.	Motor Series	ABV Hub Kit	ABV Hub Kit w/ Enclosure	ABV Hub/ Motor Kit	Heater	Replacement Caps			
									1 Piece Plastic	1 Piece Brass	2 Piece Brass	Retrofit Brass
												
11/16"-16 UN	1/4	N 02351 F 35222	----	I	A 18389	A 18389-KIT1	A 18390	---	P 36723	A 17965	A 17842	A 18351
	3/8	F 36573 F 36700 F 36700A	F 35222									
	1/2											
	5/8											
13/16"-16 UN	3/4	N 02352 F 33957 F 35223 F 35427 F 35639 F 36701 F 36701A	F 35223	I	A 18391	A 18391-KIT1	A 18392	---	P 36762	A 17966	A 17843	A 18352
	7/8											
	1 1/8	F 36702A	---									
1"-16 UN	1 1/8	N 02353 F 33958 F 35224 F 35428 F 35640 F 36702	F 35224	II	A 18393	A 18393-KIT2	A 18394	A 18366	P 36763	A 17967	A 17844	A 18353
	1 3/8	F 35949 F 36703 F 36703A	---									
	1 5/8	F 36704A	---									
1 1/2"-16 UN	1 3/8	N 02354 F 35429 F 35641	F 35162	II	A 18368	A 18368-KIT2	A 18396	A 18366	P 36764	A 17968	A 17845	A 18354
	1 5/8	N 02355 F 35430 F 35642 F 35950 F 36704	---									
		---	F 35160									
	2 1/8			III	A 18368	A 18368-KIT3	A 18395	A 18367				
	2 5/8 Red. Port	F 35951 F 36451 F 36705 F 36705A	F 36595									
	3 1/8 Red. Port											
2 5/8 Full Port	F 36706A	---	IV	A 18764	A 18764-KIT4	A 18765	A 18367 (2)					
3 1/8 Full Port	F 36322A F 36707A	---										
3 5/8, 4 1/8												
1 3/4"-16 UN	2 1/8			III	A 18402	A 18402-KIT3	---	A 18367	P 36765	A 18399	A 17846	A 18355
	2 5/8 Red. Port	N 02356 F 35111	F 35161									
	3 1/8 Red. Port											
	2 5/8 Full Port	F 35755 F 36452 F 36706	---	IV	A 18400	A 18400-KIT4	A 18401	A 18367 (2)				
3 1/8 Full Port	F 35952 F 36322 F 36707	---										

Actuators

Motor Series	I	II	III	IV
Standard Actuator	P 36408 	P 36409 	P 36410 	P 36714 (2) 
Actuator with Auxillary Switch	P 36417 	P 36418 	P 36419 	P 36714 p 36889 
Hub Seal Kits	A 18403 (1 Seal) 	A 18404 (2 Seals) 	A 18404 (2 Seals) 	A 18404 (2 Seals) 

Views shown without Hub Kit Bracket Assembly. Hub Seal Kits include seals ONLY.

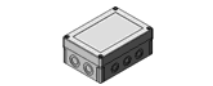
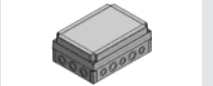
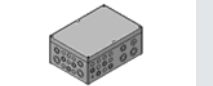
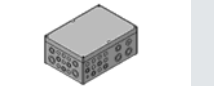
* Note: Series IV motor assemblies require additional mounting hardware to join tandem motors.

Actuator Shaft Adapter Kits

Motor Series	I	II	III	IV
Shaft Adaptor Kit (1 per box)		P 37736 	P 37735 	P 37735 
Position Indicator (10 per bag)	P 37732 	P 37731 	P 37730 	P 37730 
Shaft Adapter Clip (20 per bag)		P 37733 	P 37734 	P 37734 
Shaft Insert (10 per bag)	P 37729 			

Shaft Adapter kit includes Shaft Adapter (1), Clip (1), Position Indicator Set (1) and Screws (2).

Enclosures

Motor Series	I	II	III	IV
Enclosure (L x W x H)	 7.1" x 5.1" x 3.0"	 10.0" x 7.1" x 4.0"	 14.2" x 10.0" x 6.0"	 14.2" x 10.0" x 6.0"

ABV Hub kit w/ Enclosure includes all the necessary accessories along with the hub kit to connect the enclosure to the hub.; Ambient Temperature (operation): -25°F to 125°F (-31°C to 51°C); Heater kit for lower temperature applications.

O Ring Kit for Actuator Hub Service

O-Ring Kits	Valve Size
A 18403	1/2 - 1 1/8
A 18404	1 3/8 - 3 1/8