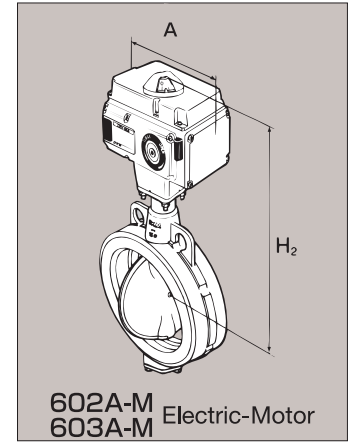
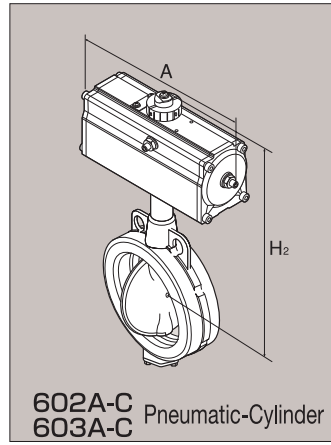
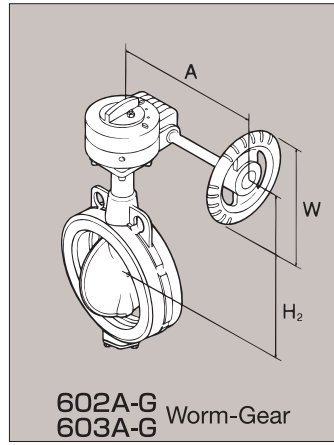
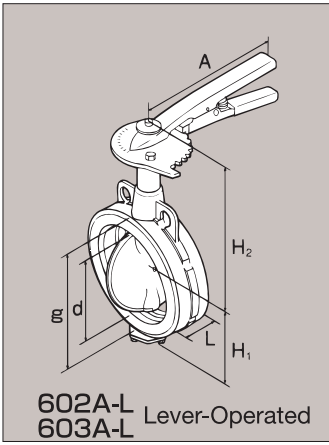


● **Dimensions** ※Shapes vary according to sizes.



※Please contact us for 603A

Nominal Size		602A-L Lever-Operated							602A-G Worm-Gear				602A-C Pneumatic-Cylinder			602A-M Electric-Motor		
inch	mm	L	d	g	H <sub>1</sub>	H <sub>2</sub>	A	Weight	H <sub>2</sub>	A	∅W	Weight	H <sub>2</sub>	A	Weight	H <sub>2</sub>	A	Weight
1 1/2	40	33	43	80	66	166	160	1.6	154	80	70	1.5	230	179	2.5	299	179	5.5
2	50	43	55	90	69	174	160	1.8	162	80	70	1.7	238	179	2.7	307	179	5.7
2 1/2	65	46	66	114	80	187	160	2.4	172	80	70	2.3	248	179	3.3	317	179	6.3
3	80	46	84	126	89	192	200	2.7	179	133	100	3.1	253	179	3.4	322	179	6.4
4	100	52	100	146	106	204	200	3.4	191	133	100	3.8	265	179	4.1	387	277	13.6
5	125	56	130	179	123	234	260	5.6	215	172	125	5.8	330	271	8.3	407	277	15.0
6	150	56	154	210	138	249	260	6.6	230	172	125	6.8	345	271	9.3	422	277	16.0
8	200	60	200	256	168	—	—	—	259	197	160	10.9	401	355	16.2	471	301	21.9
10	250	68	251	300	223	—	—	—	323	222	200	20.0	483	445	30.0	521	301	29.0
12	300	78	297	346	260	—	—	—	353	222	200	29.0	513	445	37.0	551	301	36.0

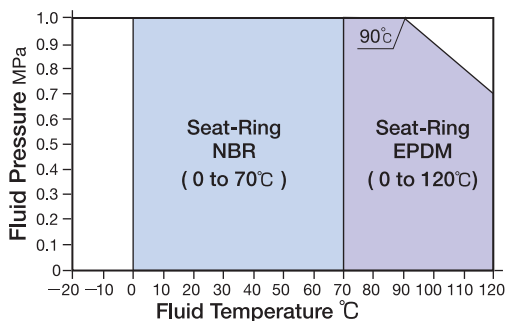
※Please contact us for sizes of 350 mm or more.

(Size : mm , Weight : kg)

● **Standard Specifications**

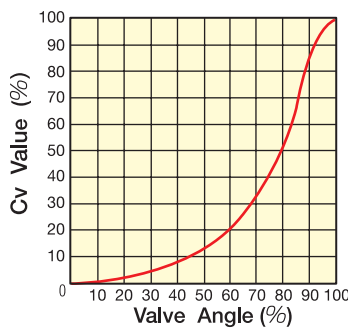
Model	602A MAICHO、603A	Face To Face	JIS B 2032 46 Series	
Size	40mm to 300mm	Applicable Flange	ISO 5211	
Applicable Flange Std.	JIS: 5K, 10K ASME 125Lb/150Lb	Standard Materials	Body : ADC12	
Max.Service Pressure	1.0MPa		Disc : SCS14 SCS13	603A Disc : PPS (40 to 200mm) FCD450+Plating (250·300mm) SCS14 (40 to 300mm) SCS13 (40 to 300mm)
Max.Service Temperature	0 to 120°C EPDM , 0 to 70°C NBR		Seat Ring : SUS420J2	
Hydrostatic Seat Test	1.1MPa		Seat Ring : EPDM (NBR)	
Hydrostatic Shell Test	1.5MPa			
Actuators	Lever-Operated , Worm-Gear , Pneumatic-Cylinder , Electric-Motor	Coating	Acrylic resin Light Blue	

● **Temperature and Pressure Ratings**



\*This table conforms to the JIS standard (JIS B 2032).  
Contact us if you operate your valve outside the above pressure and temperature ranges.

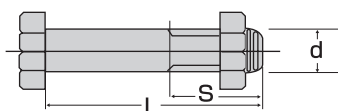
● **Flow Characteristics**



● **Cv Values with Valve Fully Open**

Size(mm)	Cv Value
40	102
50	165
65	250
80	380
100	650
125	1100
150	1790
200	3300
250	4400
300	6200

● **Piping Bolt Sizes**



Bolt length applies to flange thicknesses that conform to JIS standard.  
The hexagonal bolt should use an 8UN splitnut.

Nominal Size		JIS 5K		JIS 10K	
inch	mm	Qty	Hexagonal Bolt d×L×S	Qty	Hexagonal Bolt d×L×S
1 1/2	40	4	M12× 75×30	4	M16× 85×38
2	50	4	M12× 90×30	4	M16×100×38
2 1/2	65	4	M12× 90×30	4	M16×110×38
3	80	4	M16× 100×38	8	M16×110×38
4	100	8	M16× 110×38	8	M16×110×38
5	125	8	M16× 110×38	8	M20×120×46
6	150	8	M16× 120×38	8	M20×130×52
8	200	8	M20× 130×52	12	M20×130×52
10	250	12	M20× 140×52	12	M22×150×56
12	300	12	M20× 150×52	16	M22×160×56

\*As for the minimum internal diameter size for piping, refer to the table of minimum internal diameter size for piping,615X on Page 10.