



UNIMECH GROUP, MALAYSIA



A MEMBER OF UNIMECH GROUP, MALAYSIA

## SWING CHECK VALVE 10K

ARV-SWJ74820-



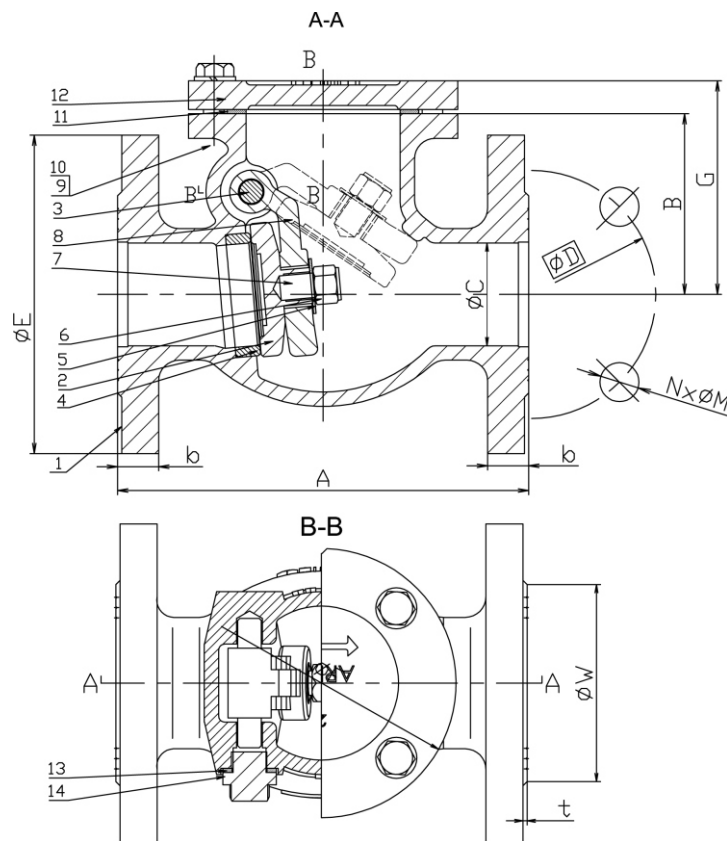
The rugged body and cover are cast from cast iron. The long radius body design allows for a smooth flow and minimizes head loss. Cover is bolted onto the body which permits it to be removed for access to disc for clean out and maintenance. Seat is slightly inclined to ensure the disc will seat completely on the seat before the reverse flow occurs. The seat and disc surfaces are machined with fine finishing for good sealing. Stainless steel material is used for hinge pin to resist corrosion and hence, prevents disruption of disc movement and gives long reliable function. This product is suitable for general and industrial application.



## Dimension in mm

SIZES		A	B	G	b	ØC	ØD	ØE	ØF	N-ØM	ØW	t	CV	WT. (KG)
DN	in.													
50	2	200	88	104	20	50	120	152	131	4-19	96	2	48	12.3
65	2 1/2	220	104	122	22	65	140	165	152	4-19	116	2	76	14.7
80	3	240	110	128	22	80	150	184	190	4-19	126	2	109	18.4
100	4	290	134	152	24	100	175	216	217	8-19	151	2	198	26.8
125	5	360	160	181	24	125	210	254	260	8-19	182	2	309	35.0
150	6	410	188	211	26	150	240	280	294	8-23	212	2	445	55.5
200	8	500	227	250	26	200	290	337	335	8-23	262	2	800	91.8
250	10	620	260	287	30	250	355	407	405	12-23	324	2	1269	139.3
300	12	700	307	334	32	300	400	457	500	16-25	368	3	1820	208.0

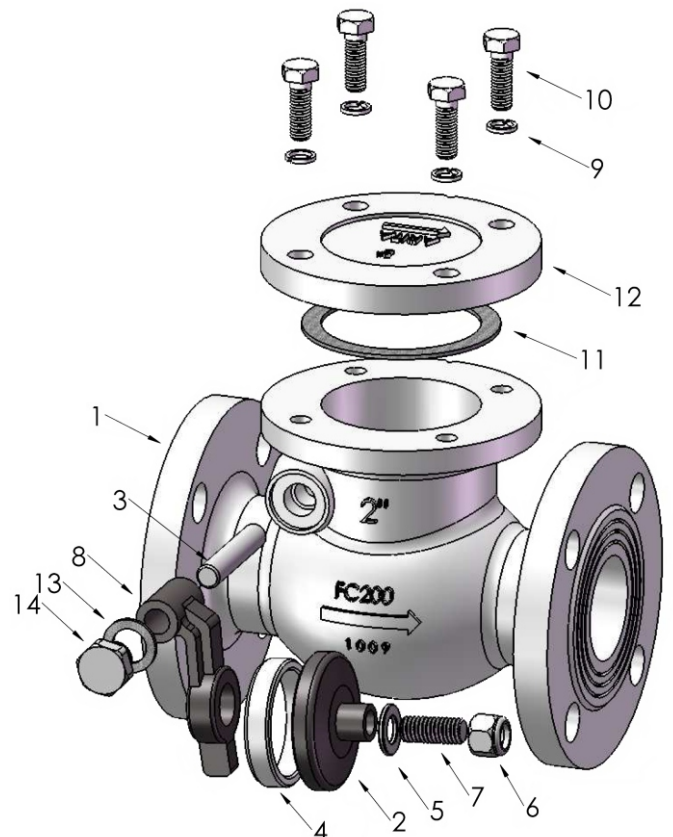
Note : Cv = US Gallon per minutes



## Material

No.	PART	QTY.	MATERIAL
1	BODY	1	FC 200
2	DISC	1	FC 200 + STAINLESS STEEL
3	STEM	1	STAINLESS STEEL
4	SEAT RING	1	STAINLESS STEEL
5	WASHER	1	STAINLESS STEEL
6	LOCK NUT	1	CARBON STEEL
7	DOUBLE HEAD BOLT	1	CARBON STEEL
8	ARM	1	FC 200
9	SPRING WASHER	4-8	SPRING STEEL
10	HEX BOLT	4-8	CARBON STEEL
11	GASKET	1	PTFE
12	CAP	1	FC 200
13	GASKET	1	PTFE
14	HEX BOLT	1	CARBON STEEL

**Standard:** JIS B2031  
**Face to Face :** JIS B2031  
**Body Flange :** JIS B2239  
**Test Standard :** JIS B2031



### Pressure Test

Working Pressure	Hydrostatic Test	
	10 Bar	Body
	Seat	11 Bar

The maximum allowable leakage rate shall be 0.18 cubic in. (3 cubic centimeters) per minute. per in. of nominal pipe size.

### Temperature - Pressure

Temperature °C	-10 ~ 66	80	100	120	150	180	200
Pressure (Bar)	10	9.5	8.8	8.2	7.3	6.4	5.7

