

Safety overflow valve

Chief property and specification

Type	Nominal pressure (Mpa)	Opening Pressure	Working Temperature	Suitable Medium
AY42H-160 HA802Y-160	16.0	6.3~16.0	200	Water, Oil goods etc
AY42H-250 HA802Y-250	25.0	10.0~25.0		
HY42H-400 HA802Y-400 HA802Y-600	40.0-60.0	20.0~60.0		

Materials for main parts

No.	Name of part	Materials
1	Body	Carbon Steel
2	Seat	Stainless steel
3	Disc	Stainless steel
4	Bonnet	Welding
5	Spring	50CrVA

Dimensions (mm)

Type	Nominal diameter DN(mm)	Dimension				
		R _c	ZG	L	L ₁	≈H
HA802Y-600	15	1/2"	1/2"	52	90	250
	25	1"	1"	52	113	275
	40	1 1/2"	1 1/2"	52	157	336

Dimensions (mm)

Type	Nominal diameter	Dimension									
		D	D ₁	K	M	Z-φ d	b	L	L ₁	R _c	≈H
AY42H-160	15	135	95	25	M48×2	4-22	25	65	140	1"	329
	20	165	115	30	M52×2	6-26	28	80	150	1 1/2"	447
AY42H-250	25	200	145	38	M80×3	6-29	40	90	180	2"	485
AY42H-400	32	225	170	42	M100×3	6-33	50	100	200	2 1/2"	570