

Accessories

1. Air Chamber

①

AC

②

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③

V

④

15

④

A

① Model	② Body Materials	③ Flange Size	④ Capacity
AC : Air Chamber BV : Back Pressure Valve RV : Relief Valve	V : PVC (Packing : FKM) VE : PVC (Packing : EPDM) S : STS304 6 : STS316 F : STS304+ETFE	15 : KS 10K 15A 20 : KS 10K 20A 25 : KS 10K 25A 40 : KS 10K 40A KS 10K 40P* 50 : KS 10K 50A	A : Standard P : Special
※ 40P is size of 40A but the capacity is specially big.			



Reciprocating pump has a peculiar pulsation which results in vibration of piping and overfeed phenomena. Air Chamber will be used to solve such problems caused by pulsation.

Model	Net Capacity (cm³)	Max. discharge pressure(bar)	
		PVC	STS
AC-□15A	500	10	10
AC-□20A	1,000		
AC-□25A	2,000		
AC-□40A	4,000	9	
AC-□40P	6,000	6	
AC-□50A	10,000	5	

2. Valve

①

BV

②

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③

V

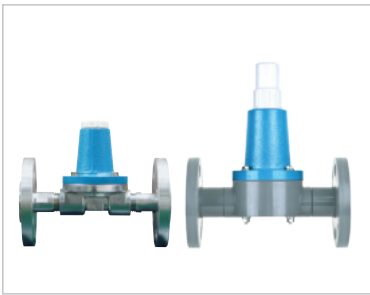
④

15

④

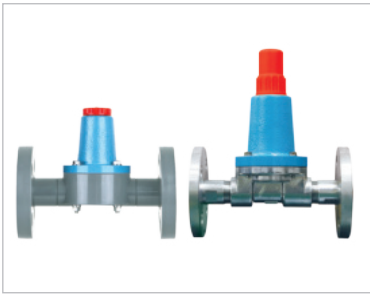
A

① Model	② Body Materials	③ Flange Size	④ Capacity
BV : Back Pressure Valve RV : Relief Valve	V : PVC (O-ring : FKM) VE : PVC (O-ring : EPDM) S : SSC14 F : PVDF	15 : KS 10K 15A 20 : KS 10K 20A 25 : KS 10K 25A 40 : KS 10K 40A KS 10K 40P* 50 : KS 10K 50A	A : Standard P : Special
※ 40P is size of 40A but the capacity is specially big.			



According to the conditions of the piping, the discharge rate may be excessive or the pumping liquid may be continuously leaked in spite of stopping the pump which is caused by overfeed or siphon phenomena. The back pressure valve is for preventing such things.

Model	Pressure Control Range(bar)	Standard Setting Pressure(bar)
BV-□15A	0.5~3	1
BV-□20A		
BV-□25A		
BV-□40A		
BV-□40P		
BV-□50A		



When the discharge pressure increases to more than a setting point due to choking the valve with debris or closing the valve, the safety valve will open automatically to relieve the pressure. Relief valve prevents pump and piping from damages.

Model	Pressure Control Range(bar)	Standard Setting Pressure(bar)
RV-□15A	3~10	5
RV-□20A		
RV-□25A		
RV-□40A		
RV-□40P	3~8	5
RV-□50A		3