

Model	Connection Type *1	Operating Temp
-300, -305	P PT	1 -20~70°C
-310, -315	N NPT	2 -20~120°C
-320, -325		3 -40~70°C

*1 -305, 310, 315, 325 is available for NPT connection type ONLY.



-300



-320



-310



-305



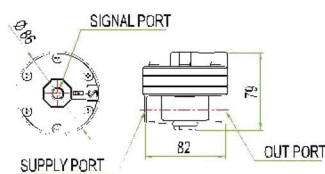
-325



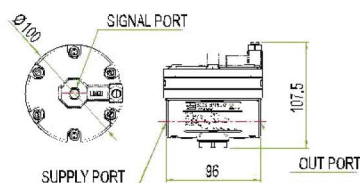
-315



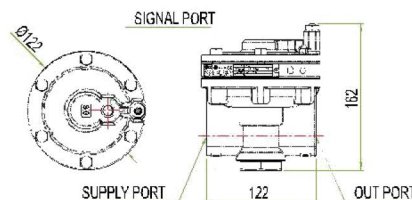
Item · Type	-300 -305	-320 -325	-310 -315	
Max. Supply Pressure	1MPa (10bar)			
Max.Signal/Output Pressure	0.7MPa (7bar)			
Signal/Output Pressure Ratio	1 : 1			
Flow Capacity (CV)	exhaust	1.32	2.08	5.24
	output	1.19	2.72	4.91
Supply/Output Connection	PT(NPT)1/4	PT(NPT)1/2	NPT 3/4	
Signal Connection	PT (NPT) 1/4		NPT 1/4	
Linearity	±1% F.S.			
Operating Temp	-20°C ~ 70°C (-4 ~ 158°F) (Standard type)			
Material	-300, -320, -310	Aluminum Diecasting		
	-305, -325, -315	Stainless Steel 316		
Weight	-300, -320, -310	0.5kg (1.1lb)	0.76kg (1.7lb)	2.3kg (5.1lb)
	-305, -325, -315	1.3kg (2.9lb)	1.9kg (4.2lb)	5Kg (11lb)



-300/305



-320/325



-310/315

Volume booster-300,-310 and -320 boost the valve function's reaction speed by providing large air flow rate to actuator.

- Improves speed of valve movement
- Improves stability with by-pass control
- Reacts to sudden change in supply pressure
- Fixed deadband due to the seat-to-seat type of supply and exhaust pressure