

Volume Booster YT-300 / YT-305 / YT-310 / YT-315 / YT-320

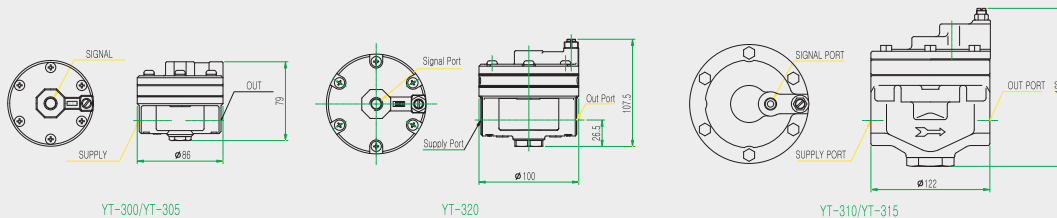
Product Number: YT-300 / YT-305 / YT-310 / YT-315 / YT-320 (specify your requirement)

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

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



Item · Type	YT-300 YT-305	YT-320	YT-310 YT-315			
Max. Supply Pressure	10kgf/cm ² (142psi)					
Max.Signal/Output Pressure	7kgf/cm ² (100psi)					
In / Output Pressure Ratio	1 : 1					
Flow Capacity (Cv)	output	1.02	2.32	4.98		
	exhaust	0.86	1.78	3.85		
In / Output Connection	PT(NPT)1/4	NPT 1/2	NPT 3/4			
Signal Connection	PT (NPT) 1/4					
Linearity	±1% F.S.					
Ambient Temp.	-20°C ~ 70°C (-4 ~158° F)					
Material	YT-300, YT-320, YT-310		Aluminum Diecasting			
	YT-305, YT-315		Stainless Steel 316			
Weight	YT-300	YT-320	YT-310	0.5kg(1.1lb)	0.76kg(1.7lb)	2.3kg(5.1lb)
	YT-305	-	YT-315	1.3kg(2.9lb)	-	5Kg(11lb)



Volume booster YT-300, YT-310 and YT-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