

Volume Boosters YT-300 / YT-305 / YT-320 / YT-325 / YT-310 / YT-315

Design features

- **Large flow capacity.** Specifically designed to be used in conjunction with valve positioners.
- **Optimal sensitivity.** Reacts to sudden change in supply pressure.
- **Fixed deadband.** Provides accurate and stable final positioning of the valve.
- **Internal by-pass control.** Improves system stability.



YT-300

YT-325

YT-315



Product Code

YT-300 - N - 1

Model

YT-300 = Aluminum 1/4"
 YT-305 = Stainless Steel 1/4"
 YT-320 = Aluminum 1/2"
 YT-325 = Stainless Steel 1/2"
 YT-310 = Aluminum 3/4"
 YT-315 = Stainless Steel 3/4"

Connection Type

(YT-305/310/325/315 are only available in NPT connection)
 P = PT
 N = NPT

Operating Temp.

1 = -20 to 70 °C
 2 = -20 to 120 °C
 3 = -40 to 70 °C

Item Type		YT-300 YT-305	YT-320 YT-325	YT-310 YT-315
Max. Supply Pressure		1 MPa (10 bar)		
Max. Signal / Output Pressure		0.7 MPa (7 bar)		
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		NPT1/4
Linearity		±1% F.S.		
Operating Temp.		-20 to 70 °C (-4 to 158 °F) (Standard type)		
Material	YT-300, YT-320, YT-310	Aluminium Diecasting		
	YT-305, YT-325, YT-315	Stainless Steel 316		
Weight	YT-300 YT-320 YT-310	0.5 kg (1.1 lb)	0.76 kg (1.7 lb)	2.3 kg (5.1 lb)
	YT-305 YT-325 YT-315	1.3 kg (2.9 lb)	1.9 kg (4.2 lb)	5 kg (11 lb)

Dimensions: mm (Inches ")

