

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

SILV CE

**Product Code** 

## **Design features**

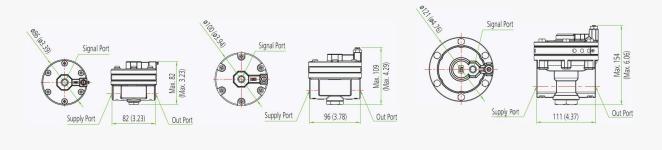
- Large flow capacity. Specifically designed to be used in conjunction with valve positioners.
- **Optimal sensitivity.** Reacts to sudden change in supply pressure.
- **Fixed deadband.** Provides accurate and stable final positioning of the valve.
- Internal bypass control. Improves system stability.



Item Type				YT-300 YT-305	YT-320 YT-325	YT-310 YT-315
Max. Supply Pressure				1 MPa = 10 bar = 145 psi		
Max. Signal / Output Pressure				0.7 MPa = 7 bar = 102 psi		
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				Rc 1/4, 1/4 NPT	Rc 1/2, 1/2 NPT	3/4 NPT
Signal Connection				Rc 1/4, 1/4 NPT 1/4 NPT		
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)
	Y⊺-305	YT-325	YT-315	1.3 kg (2.9 lb)	1.9 kg (4.2 lb)	5 kg (11 lb)

## Model YT-300 = Aluminium 1/4" YT-305 = Stainless Steel 1/4" YT-320 = Aluminium 1/2" YT-325 = Stainless Steel 1/2" YT-315 = Stainless Steel 1/2" YT-315 = Stainless Steel 1/2" YT-315 = Stainless Steel 3/4" Connection Type (YT-305/325/310/315 are only available in NPT connection) P = Rc N = NPT Operating Temp. 1 = -20 to +70 °C (-4 to +158 °F) (N/A for EAC) 2 = -20 to +720 °C (-4 to +158 °F) 4 = -60 to +70 °C (-76 to +158 °F) (EAC only)

Dimensions: mm (Inches ")



YT-300/305

YT-320/325

YT-310/315