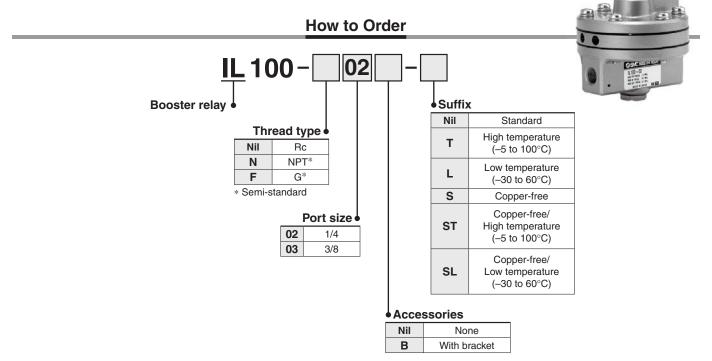
Booster Relay Series IL100

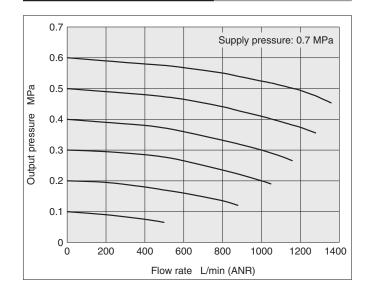
- Used when the piping distance between instrumentation and operational area is long, or when operational area has large capacity.
- Can help accelerate actuation speed considerably.

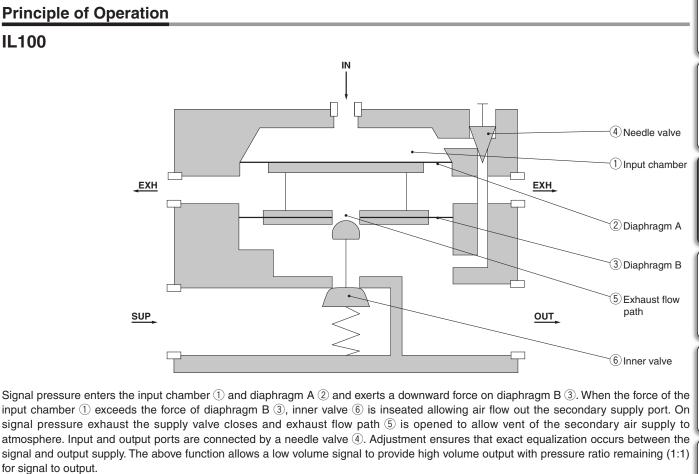


Standard Specifications

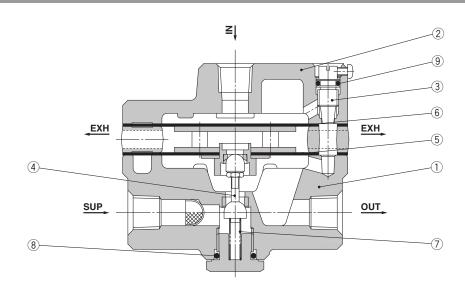
Supply pressure	Max. 1.0 MPa	
Input pressure	Max. 0.7 MPa	
Output pressure	Max. 0.7 MPa	
Pressure ratio	1:1	
Air consumption	3 L/min (ANR) or less (OUT = 0.5 MPa)	
Linearity	Within ±1%	
Hysteresis	Within 1%	
Ambient and fluid temperature	−5 to 60°C	
Port size	1/4, 3/8	
Weight	0.56 kg	

Flow-rate Characteristics





Construction



SMC

Component Parts

No.	Description	Material	Note
1	Valve	Aluminum alloy	Silver baking finish
2	Cover	Aluminum alloy	Silver baking finish
3	Throttle valve	Stainless steel	
4	Inner valve	Stainless steel	
5	Diaphragm assembly	Aluminum alloy/NBR/Resin	Chromated
6	Diaphragm	NBR	
7	Valve spring	Stainless steel	
8	O-ring	NBR	
9	O-ring	NBR	

Replacement Parts

Model	Order no.	Contents
IL100	KT-IL100	Set of left nos. 5, 6, 7, 8, 9

Booster Relay Series IL100

Positioners

Regulators

Series IL100

Dimensions



