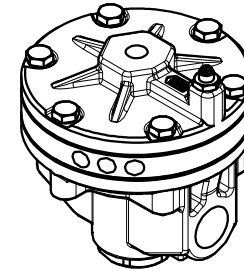
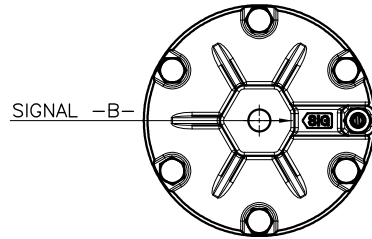
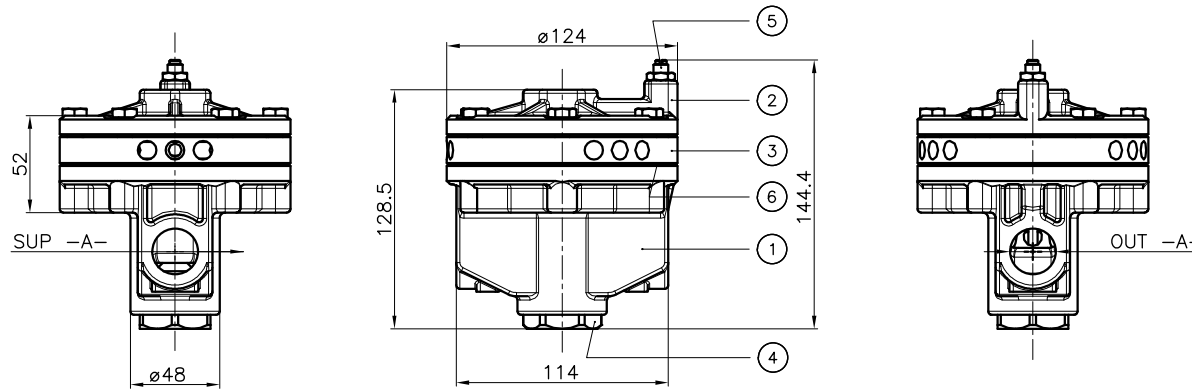


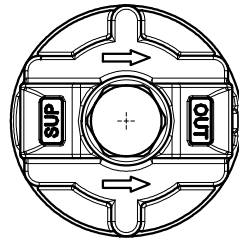
REV. NO.	REVISION DESCRIPTION	DATE	APPROVED
A			



No.	Part name	Material
1	Body	ALDC 12.1, SUS316
2	Cover	ALDC 12.1, SUS316
3	Exhaust ring	ALDC 12.1, SUS316
4	Drain plug	ALDC 12.1, SUS316
5	Adjust screw	ALDC 12.1, SUS316
6	Diaphragm	NBR



SUP, OUT -A-	SIG -B-
PT 3/8	PT 1/4
NPT 3/8	NPT 1/4
PT 1/2	PT 1/4
NPT 1/2	NPT 1/4



-SPECIFICATIONS

Model	AVB - 3000	AVB - 3100
Supply Air Pressure	Max. 10bar (150 psi)	
Signal Air Pressure (positioner output)	Max. 7bar (105 psi)	
Supply Air Quality acc. to ISO 8573-1	Filtered, compressed dry and non-oiled to meet Class 3	
Pressure Ratio : signal to output	1 : 1	
Dead Band	2% (0.016 bar)	
Hysteresis	1 %	
Linearity	±1% F.S	
Supply Cv	5.1	
Exhaust Cv	5.1	
Operating Ambient Temperature	-20°C ~ +80°C (std), -20°C ~ +120°C (high), -40°C ~ +80°C (low)	
Weight	2.0 kg	4.3 kg
Supply (SUP) Output (OUT)	PT 3/4 or NPT 3/4	NPT 3/4
Signal (SIG)	PT 1/4 or NPT 1/4	NPT 1/4
Body	Aluminum die-cast	Stainless steel 316
Diaphragm	NBR(standard)	
O-rings	NBR(standard)	

Body Material	Port Size	Operating Temperature	Options
AVB <input type="checkbox"/> 0 : Aluminum die-cast <input type="checkbox"/> 1 : Stainless steel 316	<input type="checkbox"/> 0 : PT (Rc) 3/4 <input type="checkbox"/> 1 : NPT 3/4	<input type="checkbox"/> 0 : -20°C ~ +80°C <input type="checkbox"/> 1 : -20°C ~ +120°C <input type="checkbox"/> 2 : -40°C ~ +80°C	<input type="checkbox"/> N : None <input type="checkbox"/> A : Supply pressure gauge port <input type="checkbox"/> B : NPT 1/2 threaded exhaust port <input type="checkbox"/> C : A + B

PG POWER-GENEX
<http://www.power-genex.com>

TITLE : AIR VOLUME BOOSTER

NAME	SIGNATURE	PROJ : 3rd	PRODUCT NAME :
DRAWN Kim. D. H		SCALE : 1:1	MODEL :
CHECKED Kim. K. W		SIZE : A3	AVB 3000
APPROVED Kim. K. W			DWG NO. PG-AVB-03
DATE		DIMENSION : mm	REV. NO. A
QUANTITY		SHEET 1 OF 1	