

# Booster Regulator

RoHS

# VBA10A/11A Series

## How to Order

VBA **10A** - 02    - X3239

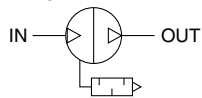
● Body size

<b>10A</b>	1/4	Pressure increase ratio: Twice
<b>11A</b>	1/4	Pressure increase ratio: 4 times

● Option

Symbol	Option
<b>Nil</b>	None
<b>G</b>	OUT side pressure gauge

Symbol



## Standard Specifications

Model	VBA10A	VBA11A
Fluid	Compressed air	
Pressure increase ratio	2 times (Fixed)	4 times (Fixed)
Max. flow rate*1	L/min (ANR)	
	250	90
Outlet pressure range	MPa	
	0.4 to 1.4	0.8 to 2.0
Inlet pressure range	MPa	
	0.2 to 0.7	0.2 to 0.5
Proof pressure	MPa	
	2.1	3.0
Port size (IN/OUT: 2 locations)	Rc	1/4
OUT side gauge port	Rc	1/8
Tank connection port (with plug)*2		1/4
Ambient and fluid temperatures	°C	2 to 50 (No freezing)
Installation		Horizontal, Vertical
Lubrication		Grease (Non-lube)
Weight	kg	
	0.95	1.6

\*1 Flow rate at IN = OUT = 0.5 MPa. The pressure varies depending on the operating conditions. Refer to "Flow Rate Characteristics" on page 4.

\*2 The tank connection port cannot be used for applications other than the connection with VBAT.

## Options/Part Nos.

**Pressure Gauge**/For details on pressure gauge, refer to the **Web Catalog**.

Model	VBA10A	VBA11A
Pressure gauge	G36-15-01	G46-20-01

**Applicable Auto Switches**/Refer to the **Web Catalog** for further information on auto switches.

Auto switch model	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Applicable load	
				DC			
In-line	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	IC circuit	Relay, PLC
<b>D-M9N</b>			3-wire (PNP)				
<b>D-M9P</b>			2-wire				
<b>D-M9B</b>				12 V	—		

\* Applicable auto switches can be ordered separately from the table shown above.

\* Lead wire length symbols: 0.5 m ..... Nil (Example) D-M9N  
 1 m ..... M (Example) D-M9NM  
 3 m ..... L (Example) D-M9NL  
 5 m ..... Z (Example) D-M9NZ