

Booster Regulator VBA Series



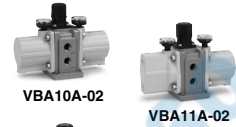
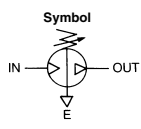
Made to Order
(For details, refer to page 1020.)

How to Order

VBA 40A - 04 -

| Body size | | Pressure increase ratio: Twice |
|------------|---------------------------------------|---------------------------------------|
| 10A | 1/4", Knob-operated type | |
| 20A | 3/8", Knob-operated type | |
| 40A | 1/2", Knob-operated type | |
| 22A | 3/8", Air-operated type | |
| 42A | 1/2", Air-operated type | |
| 43A | 1/2", Max. operating pressure 1.6 MPa | |
| 11A (Note) | 1/4", Knob-operated type | Pressure increase ratio: 2 to 4 times |

Note) Set the pressure increase ratio to 2 or more.



VBA10A-02

VBA11A-02



VBA20A-03



VBA22A-03



VBA40A-04



VBA42A-04



VBA43A-04

| Thread type (Note) | |
|--------------------|-------------|
| Symbol | Thread type |
| NII | Rc |
| F | G |
| N | NPT |
| T | NPTF |

Note) Thread types apply to the IN, OUT, and EXH ports of the VBA1□A and to the IN, OUT, EXH, and gauge ports of the VBA2□A and VBA4□A. The gauge ports of the VBA1□A are Rc thread type regardless of the thread type indication.

| Port size | | |
|-----------|-----------|-------------------|
| Symbol | Port size | Applicable series |
| 02 | 1/4 | VBA1□A |
| 03 | 3/8 | VBA2□A |
| 04 | 1/2 | VBA4□A |

Semi-standard

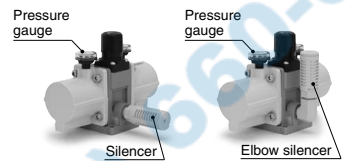
| Symbol | Semi-standard |
|----------|--|
| NII | Standard product |
| Z (Note) | <ul style="list-style-type: none"> Pressure unit on the product name label: psi Pressure unit on the pressure gauge: MPa and psi |

Note) Thread type: NPT, NPTF
Under the new measurement law, the pressure unit of "psi" on the pressure gauges cannot be used in Japan.

Option

| Symbol | Option |
|--------|--|
| NII | None |
| G | Pressure gauge |
| N | Silencer |
| S | High-noise reduction silencer (Note) |
| GN | Pressure gauge, Silencer |
| GS | Pressure gauge, High-noise reduction silencer (Note) |
| LN | Elbow silencer (Note) |
| LS | Elbow high-noise reduction silencer (Note) |
| GLN | Pressure gauge, Elbow silencer (Note) |
| GLS | Pressure gauge, Elbow high-noise reduction silencer (Note) |

Note) Refer to "Combination of Thread Type and Options."



Silencer

Elbow silencer

Combination of Thread Type and Options

| Body size | Thread type | Option | | | | | | | | | | Semi-standard | | |
|-------------------|-------------|--------|---|---|---|----|----|----|----|-----|-----|---------------|----|---|
| | | NII | G | N | S | GN | GS | LN | LS | GLN | GLS | NII | -Z | |
| 10A 11A | NII | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | — |
| | F | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| | N | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| | T | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| 20A 22A | NII | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | — |
| | F | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| | N | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| | T | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| 40A 42A 43A | NII | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | — |
| | F | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| | N | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |
| | T | ● | ● | ● | — | — | — | — | — | — | — | — | — | — |

Air Tank Compatibility Chart

| Air tank | Booster regulator VBA10A/11A | VBA20A/22A | VBA40A/42A | VBA43A |
|------------|---------------------------------|------------|------------|--------|
| VBAT05A(1) | ● | — | — | — |
| VBAT05S(1) | ● | — | — | — |
| VBAT10A(1) | ● | ● | — | — |
| VBAT10S(1) | ● | ● | — | — |
| VBAT20A(1) | — | ● | ● | — |
| VBAT20S(1) | — | ● | ● | — |
| VBAT38A(1) | — | ● | ● | — |
| VBAT38S(1) | — | ● | ● | — |

