



How to Order - EB Series

Special Orders

The Basic Ordering Numbers and Dimensions tables (pages 7-9) contain only the most popular valve configurations; many more are available. If the required valve configuration is not in the Basic Ordering Numbers and Dimensions tables, use the chart below to build part numbers for quotation purposes.

(basic ordering number)							(optional)
A	B	C	D	E	F	G	H
43	G	X	V	D4	4PM	-316	-GR

A. Body / Orifice Size

- 41 0.093, 0.053* in.
- 42 0.125 in.
- 43 0.187 in.
- 44 0.281 in.
- 45 0.406 in.

B. Packing

- G PTFE

C. Body / Flow Path

- Blank 2 Way
 - L 2 Way Sample Transfer
 - DP 2 Way Drain / Purge Angle
 - A Angle
 - X 3 Way
 - XQS Quarter Turn Switching 3
 - XTF Way Tee Flow
 - XTS 3 Way Tee Flow Switching
- See Instructions on Page 12*



D. Vented Valves

V Atmosphere
See Vent Size options.

E + F. Inlet Type + Outlet Type

D Duolok Tube Fitting
U Unilok Tube Fitting
G Griplok Tube Fitting
PF Female NPT
PM Male NPT
MRT Male ISO Tapered
FRT Female ISO Tapered

Fractional Sizes:

1 1/16 in.
2 1/8 in.
4 1/4 in.
6 3/8 in.
8 1/2 in.
12 3/4 in.

Metric Sizes:

M6 6 mm
M8 8 mm
M10 10 mm
M12 12 mm



G. Body Material

- 316 316 Stainless Steel
- B Brass

H. Options

Handles

- (Blank) Black
- GR Green
- RD Red
- BL Blue
- YW Yellow
- OG Orange
- NH No Handle

Locking Devices

- LD

Special Cleaning

- XP97 No Lube
- XP98 Oxygen compatible lubricant, per
ASTM G93, Level C and CGA G-4.1

Vent Size

- 040
- 049
- 093

Note: For vented valves indicate V in the base part number. See D.

See instruction for selecting vent sizes on Page 10.



1. Add options designators to the end of the Base Part Number in alphabetical order.

2. Tube end connection part numbers are formatted "Type" followed by "Size." Example: D6.

Pipe end connections are formatted "Size" followed by "Type." Example: 6PF

*1/16 tube fitting end connections reduce the opening to 0.052 in.

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Important Information

IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE PERSONAL INJURY AND PROPERTY DAMAGE.

It is the sole responsibility of the system designers and users to properly select and use products for their specific applications. This document has been provided to users with technical expertise as a reference for further investigation to determine specific product needs relative to their design requirements.

EB series ball valves should only be used in the full on or full off position. Throttling may damage the valve.

Packing adjustments are required for applications with working pressure higher than 1000 psig (69 bar) or if the valves have been exposed to high or low temperatures prior to installation. Instructions for packing adjustments are included with each valve.

Valves that have not been actuated for extended periods of time may require greater actuation torque.

Testing

All EB series valves are factory tested with Nitrogen to 1000 psig (69 bar) at 70°F (20°C). Note: Packing adjustments are required for applications with higher pressures and in applications with higher or lower process or environmental temperature.

Warranty

FloLok valves are backed by the SSP Limited Life Time Warranty. This warranty is available from your local distributor or at www.my-SSP-usa.com.