



How to Order - TB 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		
H83	X	P	D6	6PF	-316	-GR	-NBR	-XP97

A. Valve Design

83	Standard
H83	High-Pressure
L83	Low-Temperature
LH83	Low-Temperature, High-Pressure

B. Body Type

(Blank)	2-Way
X	3-Way

C. Seat Material

P	PEEK
K	PCTFE



D +E. 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
MST	Male SAE Straight
FST	Female SAE Straight
S	Male O-ring Face Seal (SAE J1453)
SS	Female O-ring Face Seal (SAE J1453)

F. Body Material

-316	316 Stainless Steel
-M	Alloy 400

G. Options

Handles

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



Special Cleaning

Oxygen compatible lubricant, per ASTM G93,
-XP98
Level C and CGA G-4.1

O-Rings

(Blank)	FKM
-NBR	Nitrile
-FFKM1	Chemraz
-FFKM2	Kalrez

Other Options

-LD Locking Hardware
-FP6 #6 SAE Female Bottom Port

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

Tube end and O-ring face seal connection part numbers are formatted "Type" followed by "Size."

Example: D6 or SS6. Pipe end connections are formatted "Size" followed by "Type." Example: 6PF.

Low temperature Nitrile O-rings are standard on LTB and LHTB series valves. 4 HTB and LHTB series valves are only available with PEEK seats

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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.

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

Testing

All TB Series valves are factory tested with Nitrogen to 1000 psig (69 bar) at 70°F (20°C).

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.