TYPE B95 SELECTION GUIDE

Example:	B95	D	C	W	S	S	B	B	S	01	-	D	1
Model													
B95 B95 valve													
Material of construction													
D Carbon steel body and chamber													
G 316 SST body and chamber													
Valve size													
C ½"													
D ¾"													
E 1"													
Service													
W Water/air													
S Steam													
Body style/connection style													
S Side inlet/side outlet - straight thru w/ NPT connections													
Spring chamber style													
S Standard													
K w/ Pressure screw cap and differential connection													
Diaphragm material													
B Buna-N (water/air)													
G 316 SST (steam)													
Seat material													
B Buna-N (water/air)													
T Teflon (steam)													
Pressure screw style													
S Standard													
Variation													
01 Standard													
Design revision													
(-) Indicates original design													
Spring material													
D Steel													
E SST													
Spring range													
Refer to table below													

STANDARD SPRING RANGES (psig)

Spring Material	Size	1	2	3	4	5	6	7
Steel	½"	2 - 30	10 - 50	30 - 125	50 - 150	- - - -	- - - -	- - - -
	¾"	2 - 20	10 - 35	30 - 75	50 - 110	105 - 150	- - - -	- - - -
	1"	2 - 20	10 - 45	20 - 60	55 - 100	90 - 150	- - - -	- - - -
SST	½"	10 - 30	20 - 75	25 - 125	100 - 200	150 - 250	250 - 400	200 - 600
	¾"	10 - 30	20 - 70	30 - 100	50 - 150	100 - 225	150 - 250	- - - -
	1"	10 - 35	20 - 60	50 - 100	50 - 150	100 - 250	200 - 400	- - - -

NOTE

1. Steel springs are furnished as standard. Stainless springs furnished for higher ranges and for all cryogenic valves.
2. Stainless steel valves available with 200-400 psi range. Consult factory.
3. For steam service, we recommend a max. differential pressure of 150 psi to prevent seat erosion.

If downstream pressure control is critical to the safety of the installation, then the downstream side should be protected by a safety relief valve set to relieve at the maximum safe limit, but at least 10 psi higher than the pressure regulator's delivery setting.