



Flex Connectors

Is your furnace piping stressed out?

When furnaces get hot, they need to stretch out (since hot metal expands). While the furnace grows, the pipework attached to the furnace does not. This is because the pipework has gas (and air) flowing at a constant temperature. The result? If you don't have flex couplings on your pipe, the pipe is forced to bend and stretch. Over time this leads to leaking pipes - and leaking pipes rob your process of the energy it needs. In severe cases, an unsafe condition results due to gas leaks!

Avoid this problem by installing TPS flex connectors at every burner on your furnace. NFPA 86 requires it, it helps keep your furnace safe and productive, and it eliminates stressed-out pipe!

Features

- Fault-free machine operation due to absorption of thermal and pressure expansions
- Low fixed point stress due to small bellows external diameter
- Corrosion-resistant material requiring little servicing
- Compensation for installation tolerances due to optional lengths
- Reduces structure-borne noise thus improving operating noise level
- ANSI flange (FBC models) or NPT (BC models) connections available
- FNPT ports available

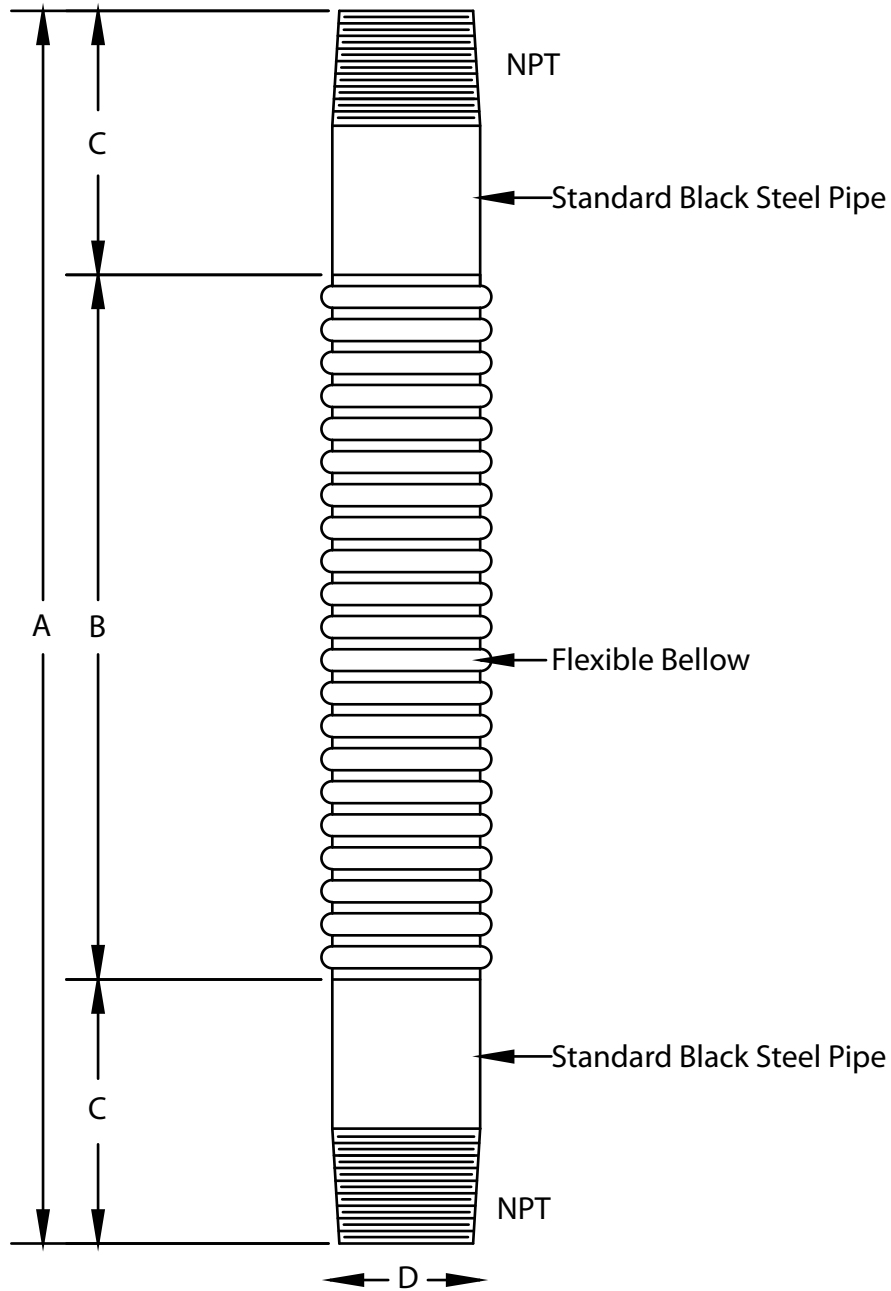
BC Models



FBC Models

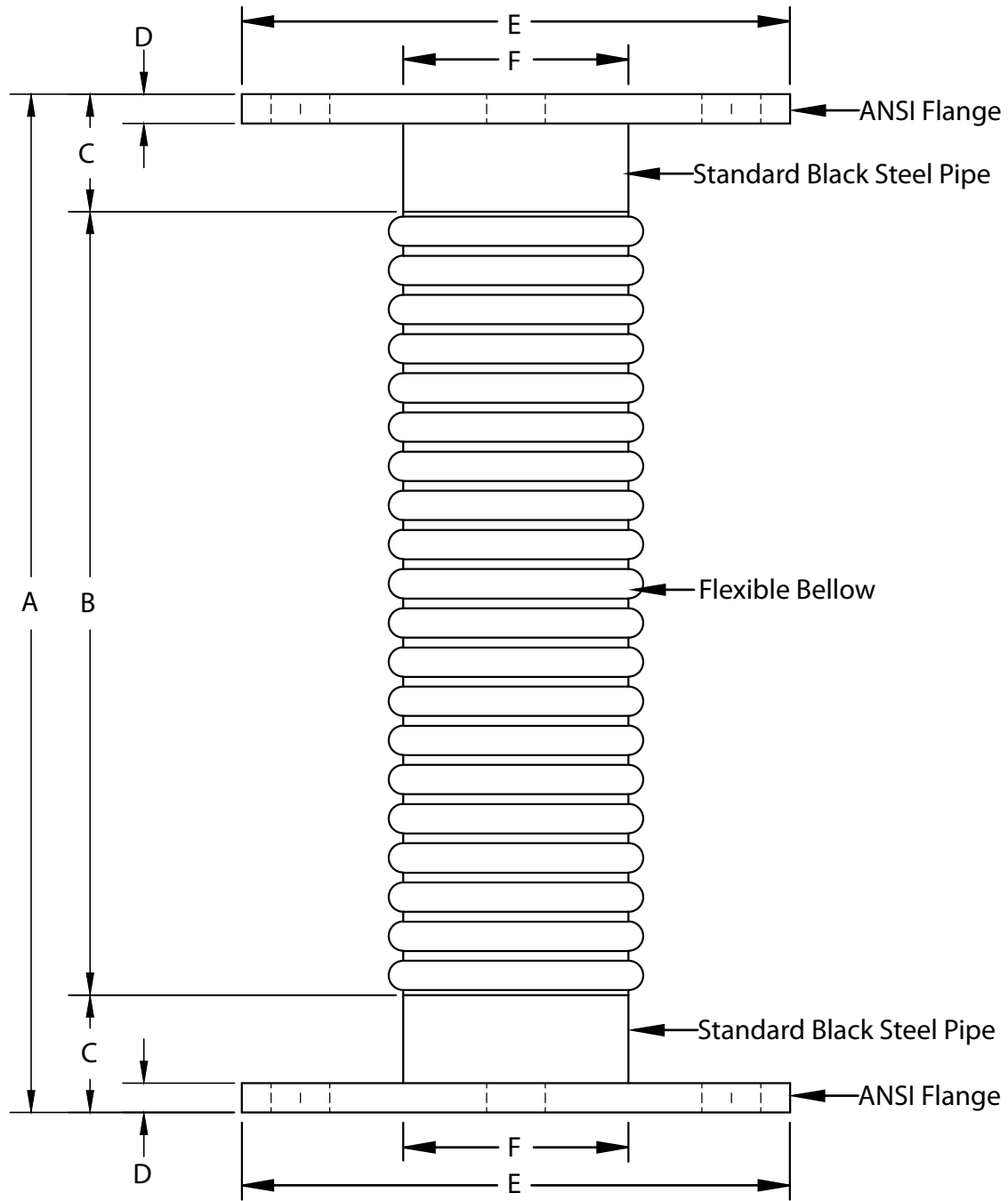


BC Model Dimensions



Model #	Dimensions (inches)			
	A	B	C	D
BC-15	7	4	1.5	0.5
BC-20	7	4	1.5	0.75
BC-25	8	5	1.5	1
BC-32	9	5	2	1.25
BC-40	12	7	2.5	1.5
BC-50	12	7	2.5	2
BC-65	16	10	3	2.5
BC-80	16	10	3	3

FBC Model Dimensions

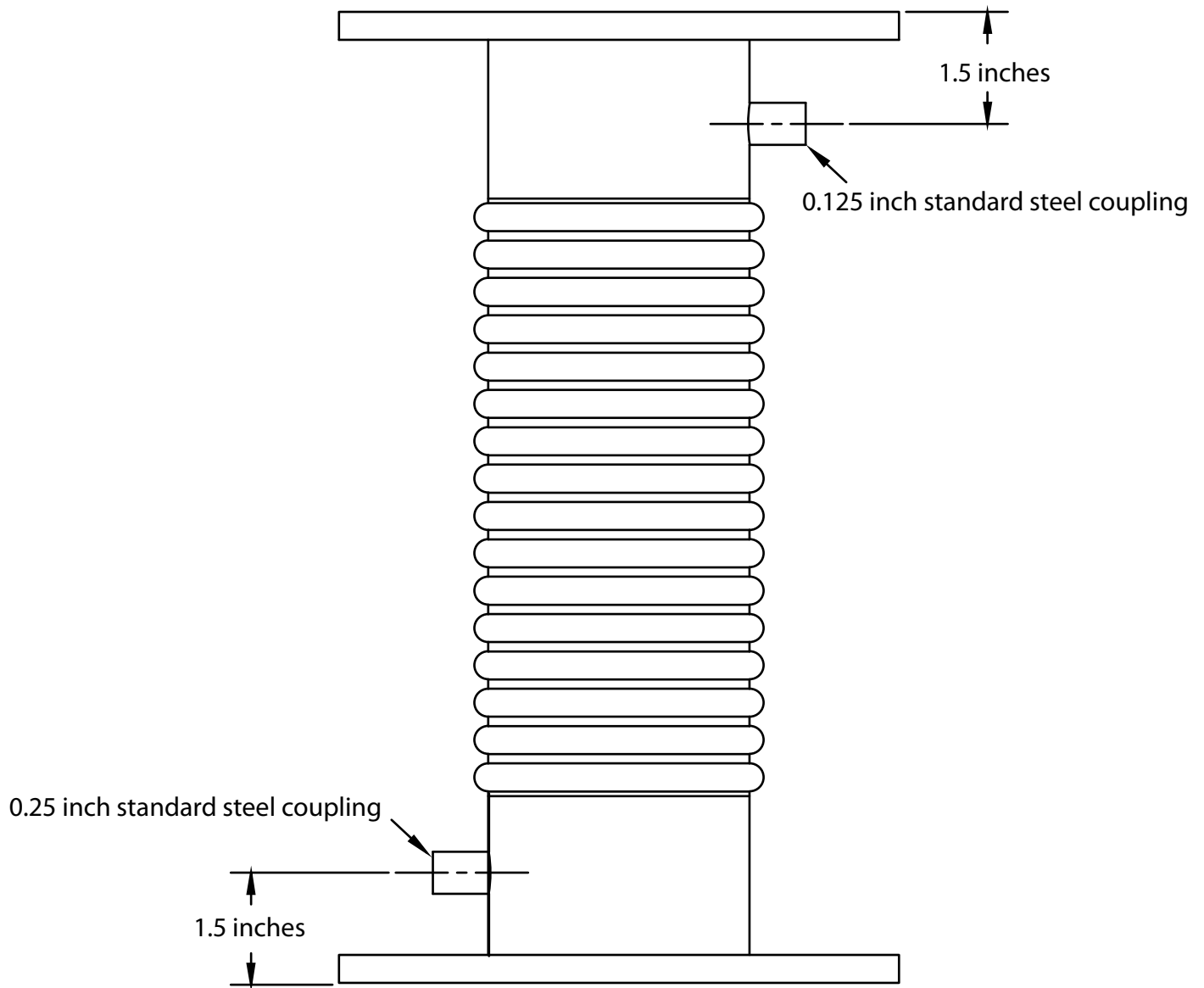


Model #	Dimensions (inches)					
	A	B	C	D	E	F
FBC-65	13	10	1.5	0.375	7	2.5
FBC-80	13	10	1.5	0.375	7.5	3
FBC-100	15	11.5	1.75	0.5	9	4
FBC-150	17	12	1.75	0.625	11	6
FBC-80/03	13	8	2.5	0.375	7.5	3
FBC-80/06	13	8	2.5	0.375	7.5	3
FBC-80/06/03	13	8	2.5	0.375	7.5	3

FNTP Ports

Models FBC-80/03, FBC-80/06, and FBC-80/06-03 provide standard FNPT ports. Locations and dimensions are shown in the diagram below.

- Model FBC-80/03 provides one 0.125 inch port
- Model FBC-80/06 provides one 0.25 inch port
- Model FBC-80/03 provides one 0.125 inch port and one 0.25 inch port



Ordering Information

Model #	Total Length	Flex Length	Pipe Diameter	Connection	Working Pressure (PSI)	FNPT Ports
BC-15	7	4	0.5	NPT	80	N/A
BC-20	7	4	0.75	NPT	70	N/A
BC-25	8	5	1	NPT	40	N/A
BC-32	9	5	1.25	NPT	25	N/A
BC-40	12	7	1.5	NPT	20	N/A
BC-50	12	7	2	NPT	15	N/A
BC-65	16	10	2.5	NPT	12	N/A
BC-80	16	10	3	NPT	10	N/A
FBC-65	13	10	2.5	ANSI	15	N/A
FBC-80	13	10	3	ANSI	10	N/A
FBC-100	15	11.5	4	ANSI	8	N/A
FBC-150	17	12	6	ANSI	5	N/A
FBC-80/03	13	8	3	ANSI	10	one 0.125 inch
FBC-80/06	13	8	3	ANSI	10	one 0.25 inch
FBC-80/06/03	13	8	3	ANSI	10	one 0.125 inch and one 0.25 inch

Other configurations available



600 Mogadore Road
 Kent, OH 44240
 Phone: 330-474-3900
 Email: support_ab@combustion911.com
www.combustion911.com