

or external ball support adjustments—and the low operating torque means the strainer can be operated with an easy-turn lever handle. A gear box is not needed.

A double sealing system on both the upper and lower stems guards against any possible leakage. Special reinforced polymer seats are used for extended service life.

Should cartridge service become necessary, it's easy to accomplish. Just remove four bolts and the cartridge comes right out through the top of the strainer. There's no need to take the strainer completely apart or to remove it from the line.

Better for All Applications

The compact, low profile Model 53BTX fits into spaces ordinary strainers might not, yet it still uses full-size strainer baskets with a low pressure drop performance.

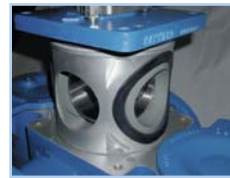
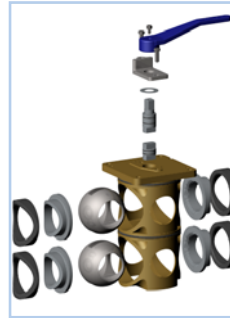
And, there's a strainer basket for every application. The standard basket is made of Type 316 stainless steel; however, if required, Monel, Brass or Hastelloy C materials are available. Baskets with openings from 3/4" down to 45 microns are offered: choose the best size for your application—with no compromises.

For easy basket servicing there are two drain plugs, not just one, on each strainer basket chamber. Additionally, there is an easy-to-access vent valve on top of the strainer body.

Finally, standard foot mounting pads insure a rock solid installation no

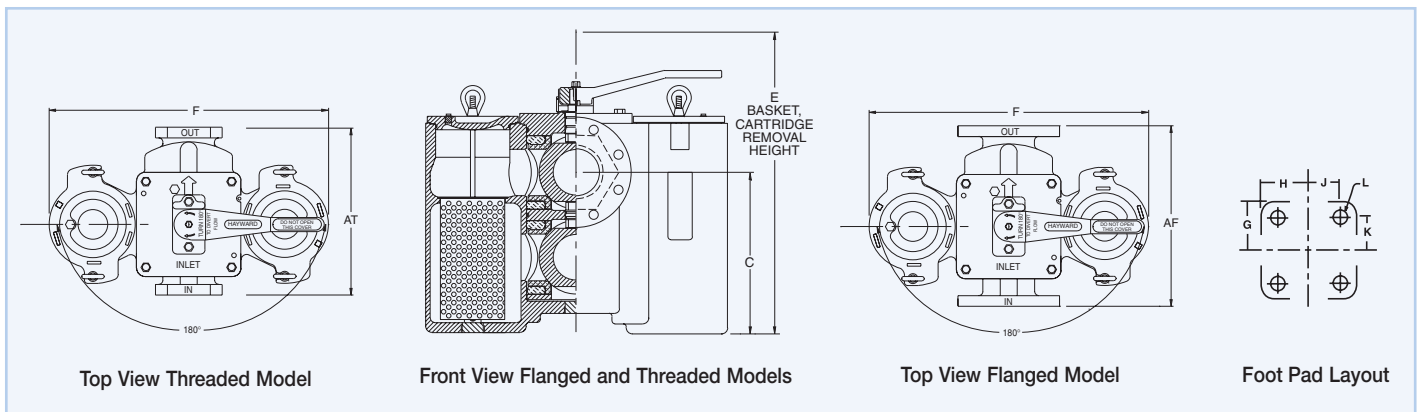
matter where the strainer is installed.

Available options for the Model 53BTX include differential pressure gauges, with or without switches, and magnetic separators installed in the strainer basket for removing fine ferrous particulate matter from the process media.



Should the diverter valve require service, it slides right out the top of the strainer body. A minimum of parts, easily replaced, makes service a snap. Exploded view shows simplicity of design.

Technical Details



Dimensions and weights are for reference only. Contact us for certified drawings.

Dimensions (in / mm)

Pipe Size	AF	AT	C	E	F	G	H	J	K	L	Weight – Iron		Weight – Bronze		Weight – Carbon & SS	
											Flanged lb / kg	Threaded lb / kg	Flanged lb / kg	Threaded lb / kg	Flanged lb / kg	Threaded lb / kg
3/4	—	5.50 / 140	5.00 / 127	13.38 / 340	10.50 / 268	3.25 / 83	2.13 / 54	1.63 / 41	2.75 / 70	3/8	—	37 / 17	—	46 / 21	—	41 / 19
1	6.88 / 175	5.50 / 140	5.00 / 127	13.38 / 340	10.50 / 268	3.25 / 83	2.13 / 54	1.63 / 41	2.75 / 70	3/8	42 / 19	37 / 17	52 / 24	46 / 21	47 / 21	41 / 19
1-1/4	6.88 / 175	7.50 / 190	6.81 / 173	17.00 / 432	13.25 / 330	3.25 / 83	2.13 / 54	1.63 / 41	2.75 / 70	3/8	—	80 / 36	—	100 / 45	—	89 / 40
1-1/2	9.38 / 238	7.50 / 190	6.81 / 173	17.00 / 432	13.25 / 330	3.25 / 83	2.13 / 54	1.63 / 41	2.75 / 70	3/8	90 / 41	80 / 36	113 / 51	100 / 45	100 / 45	89 / 40
2	10.63 / 270	10.00 / 254	8.38 / 213	21.75 / 552	17.38 / 441	4.69 / 119	2.50 / 64	1.81 / 46	4.00 / 102	5/8	167 / 76	157 / 71	209 / 95	197 / 90	185 / 84	174 / 79
2-1/2	10.75 / 273	10.00 / 254	8.38 / 213	21.75 / 552	17.37 / 441	4.69 / 119	2.50 / 64	1.81 / 46	4.00 / 102	5/8	183 / 83	157 / 71	229 / 104	197 / 90	203 / 92	—
3	13.50 / 343	—	8.88 / 226	26.50 / 673	22.75 / 578	4.69 / 119	2.50 / 64	1.81 / 46	4.00 / 102	5/8	285 / 129	—	357 / 162	—	432 / 196	—
4	16.00 / 406	—	13.25 / 337	33.00 / 838	24.75 / 629	5.19 / 132	3.94 / 100	3.25 / 83	4.50 / 114	5/8	389 / 177	—	487 / 221	—	432 / 196	—