

125BF & 150BF STYLE 1 IRON & BRONZE SERIES FLANGED BASKET STRAINERS

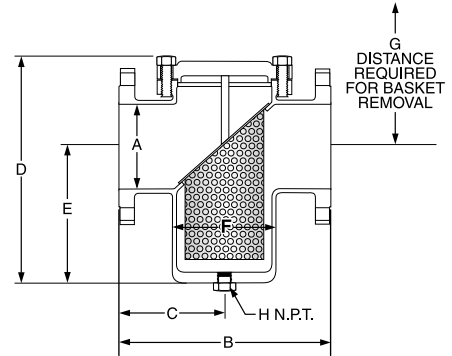
Pressures To 225 PSIG (15.5 barg)
Temperatures to 450°F (232°C)



- Angular basket design allows for straight through flow
- All sizes come complete with a bolted cover flange
- Recommended for straining down to 250 microns
- Drain connection furnished with plug
- May be installed in horizontal pipelines

RATINGS

| Ends ASME/ANSI | Pressure PSIG (barg) | | Temperature °F (°C) |
|---------------------------|-------------------------|---|------------------------|
| WSP | | | |
| B16.1 Class 125 Flg ≤12" | 150 (10.3) | @ | 353 (178) |
| B16.1 Class 125 Flg >12" | 100 (6.9) | @ | 353 (178) |
| B16.24 Class 150 Flg | 300 (20.4) | @ | 800 (427) |
| WOG | | | |
| B16.1 Class 125 Flg ≤ 12" | 200 (13.8) | @ | 150 (65.6) |
| B16.1 Class 125 Flg > 12" | 150 (10.2) | @ | 150 (65.6) |
| B16.24 Class 150 Flg | 225 (15.5) | @ | 150 (65.5) |



Connections: 2"– 20" Flanged

OPTIONS

- Rotating Cover
- C Clamp Cover†
- Swing Yoke†
- Other perforated screens and mesh liners

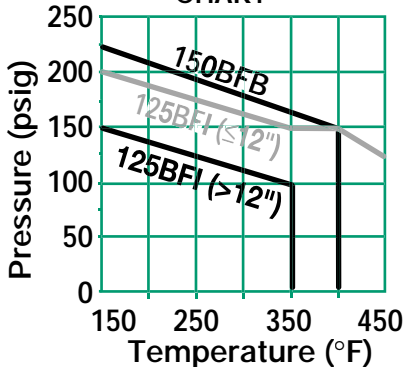
ORDERING CODE

SIZING INFO

SCREEN OPENINGS

| SIZE | STANDARD SCREEN | MATERIALS |
|----------|-----------------|-----------|
| 2" – 3" | 3/64 Perf. | 304 SS |
| 4" – 20" | 1/8 Perf. | 304 SS |

PRESSURE/TEMPERATURE CHART



DIMENSIONS inches (mm) AND WEIGHTS pounds (kg)

| SIZE | A | B | C | D* | E | F | G | H | | WEIGHT | |
|---------------|-------------|----------------|-----------------|----------------|---------------|---------------|----------------|-------------|-----------|--------------|---------------|
| | | | | | | | | 125 | 150 | Cover | Unit |
| 2 (50) | 2 (51) | 8 ½ (206) | 4 (103) | 8 ½ (213) | 5 (127) | 3 (76) | 11 ¾ (298) | ½ (15) | 1 (25) | 5 (2.3) | 23 (10) |
| 2 1/2 (65) | 2 ½ (64) | 8 ¾ (210) | 4 ½ (105) | 9 ¾ (248) | 6 ¼ (159) | 4 (102) | 13 ¼ (337) | ¾ (20) | 1 (25) | 7 (3.2) | 33 (15) |
| 3 (80) | 3 (76) | 9 ⅞ (251) | 5 (125) | 11 ¼ (286) | 7 ½ (181) | 5 (127) | 15 ½ (391) | ¾ (20) | 1 (25) | 9 (4) | 44 (20) |
| 4 (100) | 4 (102) | 11 ½ (292) | 5 ¾ (146) | 12 ⅞ (327) | 8 (203) | 6 (152) | 17 ¾ (451) | 1 (25) | 1 (25) | 13 (6) | 67 (30) |
| 5 (125) | 5 (127) | 13 ½ (333) | 6 5/9 (167) | 14 ½ (368) | 8 ½ (216) | 6 ½ (165) | 20 ½ (521) | 1 (25) | 1 (25) | 20 (9) | 88 (40) |
| 6 (150) | 6 (152) | 14 ¾ (378) | 7 4/9 (189) | 16 (406) | 9 (229) | 8 (203) | 23 (584) | 1 (25) | 1 (25) | 26 (12) | 120 (54) |
| 8 (200) | 8 (203) | 18 ¾ (476) | 9 ¾ (238) | 21 (533) | 12 (305) | 10 (254) | 30 (762) | 1 ½ (40) | — | 45 (20) | 220 (100) |
| 10 (250) | 10 (254) | 20 (508) | 10 (254) | 24 ¾ (629) | 14 (356) | 12 ½ (318) | 35 ½ (902) | 1 ½ (40) | — | 70 (32) | 353 (160) |
| 12 (300) | 12 (305) | 26 ¼ (667) | 13 ¾ (333) | 29 ¾ (756) | 17 (432) | 15 (381) | 42 ½ (1080) | 1 ½ (40) | — | 110 (50) | 523 (237) |
| 14 (350) | 14 (356) | 30 ¾ (768) | 15 ½ (384) | 37 ½ (953) | 22 (559) | 18 (457) | 53 (1346) | 1 ½ (40) | — | 140 (64) | 815 (370) |
| 16 (400) | 16 (406) | 33 ¼ (845) | 16 ¾ (422) | 39 ¼ (997) | 22 ½ (581) | 20 ¾ (527) | 55 ¾ (1413) | 1 ½ (40) | — | 180 (82) | 1041 (472) |
| 18 (450) | 18 (457) | 38 ½ (978) | 19 ¼ (489) | 40 (1016) | 19 (483) | 24 ¼ (616) | 61 (1549) | 2 (50) | — | 220 (100) | 1446 (656) |
| 20 (500) | 20 (508) | 41 ¾ (1051) | 20 2/3 (525) | 46 ¼ (1175) | 23 ¾ (591) | 26 ½ (673) | 69 ¾ (1759) | 2 (50) | — | 285 (129) | 1980 (898) |

†Reduces ratings, consult factory.

*For models with quick opening cover, consult factory.