



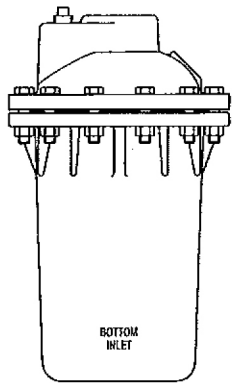
Bell & Gossett

a xylem brand

SUBMITTAL

HS-245A

| | | | |
|-------------|---------------|-----------------|--|
| JOB: | | REPRESENTATIVE: | |
| UNIT TAG: | ORDER NO. | DATE: | |
| ENGINEER: | SUBMITTED BY: | DATE: | |
| CONTRACTOR: | APPROVED BY: | DATE: | |



Hoffman Specialty®



**Series B6
Inverted Bucket
Steam Traps**

SCHEDULE

| PART NUMBER | MODEL NUMBER | SIZE NPT INCHES | INLET PRESS. psi (bar) | DIFF. PRESS. psi (bar) | FLOW RATE lb/hr (kg/hr) | TAGGING INFORMATION | QUANTITY |
|-------------|--------------|-----------------|------------------------|------------------------|-------------------------|---------------------|----------|
| 404690 | B6025A-6 | 1½ | | | | | |
| 404691 | B6040A-6 | 1½ | | | | | |
| 404692 | B6125A-6 | 1½ | | | | | |
| 404693 | B6250A-6 | 1½ | | | | | |
| 404694 | B6025A-8 | 2 | | | | | |
| 404695 | B6040A-8 | 2 | | | | | |
| 404696 | B6125A-8 | 2 | | | | | |
| 404697 | B6250A-8 | 2 | | | | | |

B6 Inverted Bucket Steam Traps

HS-245(A)

MATERIALS OF CONSTRUCTION

| Part | Specifications |
|--------------------|------------------------------|
| Body and cover | Cast Iron 30,000 psi tensile |
| Valve Pin and Seat | Stainless Steel (Hardened) |
| Bucket | Stainless Steel |
| Lever Assembly | Stainless Steel |
| Cover Bolts | Grade 5 Steel |

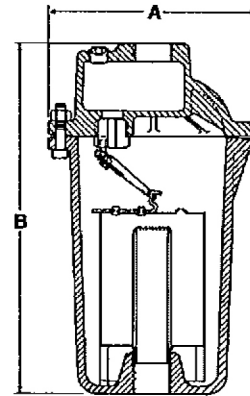
RATINGS

| NPT Size In. | Max. Operating Pressure psig (bar) | Maximum Temperature °F (°C) |
|--------------|------------------------------------|-----------------------------|
| 1½, 2 | 250 (17.3) | 406 (208) |

Meets Mil Specification A-A-60001 Type I, Style B, Class 1 - 7.

DIMENSIONS, in. (mm)

| Series | NPT Size in. | A | B | Weight (Approx.) lbs. (kg) |
|--------|--------------|---------------|----------|----------------------------|
| B6 | 1½, 2 | 10-3/16 (259) | 17 (432) | 78 (35) |



Capacities (Gross Ratings)

| Seat Pressure psi (bar) | Orifice Size in. (mm) | Differential Pressure psig (bar) | | | | | | | | | | | | | | | | |
|-------------------------|-----------------------|----------------------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 1/2 (.035) | 1 (0.07) | 2 (0.14) | 5 (0.35) | 10 (0.69) | 15 (1.0) | 25 (1.69) | 30 (2.1) | 40 (2.8) | 50 (3.5) | 60 (4.2) | 75 (5.2) | 100 (6.9) | 125 (8.6) | 150 (10.4) | 200 (13.8) | 250 (17) |
| | | Capacity lbs./hr. (kg/hr) | | | | | | | | | | | | | | | | |
| 25 (1.69) | .875 (22.2) | 3930 (1784) | 5250 (2383) | 7330 (3327) | 11000 (4994) | 14100 (6396) | 16300 (7394) | 20000 (9072) | - | - | - | - | - | - | - | - | - | - |
| 40 (2.8) | .750 (19.0) | 3100 (1406) | 4160 (1887) | 5400 (2449) | 7600 (3447) | 9000 (4082) | 12900 (5851) | 16000 (7258) | 17300 (7847) | 20000 (9080) | - | - | - | - | - | - | - | - |
| 125 (8.6) | .500 (12.7) | 1720 (780) | 2280 (1035) | 3200 (1452) | 4800 (2179) | 6500 (2951) | 7800 (3541) | 9700 (4400) | 10600 (4812) | 12000 (5448) | 13800 (6265) | 14300 (6492) | 15300 (6946) | 18000 (8172) | 20000 (9080) | - | - | - |
| 250 (17) | .375 (9.53) | 1180 (535) | 1570 (712) | 2200 (998) | 3300 (1498) | 4500 (2043) | 5400 (2451) | 6800 (3084) | 7400 (3359) | 8400 (3813) | 9300 (4222) | 10200 (4630) | 11000 (4994) | 12800 (5811) | 14000 (6356) | 15300 (6946) | 17500 (7945) | 19000 (8626) |



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