

Model 285 Ductile Iron Line Strainers

SPECIFICATION SHEET

Application

Bottom clean-out Y-type line strainers are used in horizontal pipelines to filter debris and protect downstream equipment.

Features and Details

- 50 PSI operating pressure (except the 4" 285FDI which is 125 PSI)
- Strainer basket is easily removable for cleaning or replacement
- NPT female threaded connection

Materials of Construction

- Body and cap... ductile iron
- Yoke... Malleable iron (2" and 3" only)
- Screen... 304 stainless steel
- **285FDI 4"** size has bolt on cover, no yoke



SPECIFICATION OPTIONS:

- A**—Size (inches)
 - B**—Body and cap material: Ductile iron (DI)
 - C**—Gasket: Teflon® (TF)
 - D**—Flanged (F); Threaded (T)
 - E**—Number of bolt holes
 - Length**—Dimension across strainer face to face (inches)
 - Height**—Dimension from base to top (inches)
 - Weight**—Shipping weight (lbs)
- Flange gaskets, nuts, bolts and washers available.

| Item Number | A | B | C | D | E | Length | Height | Weight (lbs) |
|---------------|----|----|----|---|---|----------------------------------|-----------------------------------|--------------|
| 6 Mesh | | | | | | | | |
| 285DI-3000 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-3200 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI1500 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI1600 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |
| 10 Mesh | | | | | | | | |
| 285DI-3400 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-3600 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI1700 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI1800 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |
| 20 Mesh | | | | | | | | |
| 285DI-3800 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-4000 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI1900 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI2000 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |
| 40 Mesh | | | | | | | | |
| 285DI-4200 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-4400 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI2100 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI2200 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |
| 60 Mesh | | | | | | | | |
| 285DI-4600 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-4800 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI2300 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI2400 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |
| 80 Mesh | | | | | | | | |
| 285DI-5000 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-5200 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI2500 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI2600 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |
| 100 Mesh | | | | | | | | |
| 285DI-5400 AS | 2" | DI | TF | T | | 10" | 7 ⁵ / ₁₆ " | 15.0 |
| 285DI-5600 AS | 3" | DI | TF | T | | 12 ³ / ₈ " | 9 ⁹ / ₁₆ " | 27.50 |
| 285FDI2700 AS | 3" | DI | TF | F | 4 | 13 ³ / ₄ " | 10 ³ / ₁₆ " | 41.0 |
| 285FDI2800 AS | 4" | DI | TF | F | 8 | 16" | 16 ⁷ / ₈ " | 93.0 |

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