

# Fig. 286 Series Line Strainers

## Specification Sheet

The Fig. 286 Line Strainer Series are Y-type strainers used in pipelines to filter debris from flowing into and damaging equipment such as a pump or a meter. The strainer basket is removable for cleaning and/or replacement. Basket access is from the top.

| I.D. Number      | A  | B  | C  | D | E | F | Length | Height | Weight    |
|------------------|----|----|----|---|---|---|--------|--------|-----------|
| <b>6 Mesh</b>    |    |    |    |   |   |   |        |        |           |
| 286--0100 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--0300 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI2200 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI2300 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>10 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286--0400 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--0600 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI2500 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI2600 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>14 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286U--0100 AS    | 2" | CI | B  | N | Y |   | 9.125  | 11.19  | 17.25 lbs |
| <b>20 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286--0700 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--0900 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI2800 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI2900 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>24 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286U--0200 AS    | 2" | CI | B  | N | Y |   | 9.125  | 11.19  | 17.25 lbs |
| <b>40 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286--1000 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--1200 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI3100 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI3200 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>60 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286--1300 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--1500 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI3400 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI3500 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>80 Mesh</b>   |    |    |    |   |   |   |        |        |           |
| 286--1600 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--1800 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI3700 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI3800 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>100 Mesh</b>  |    |    |    |   |   |   |        |        |           |
| 286--1900 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--2100 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 38 lbs    |
| 286FDI4000 AS    | 3" | DI | TF | Y | N | 4 | 14.25  | 16.63  | 45 lbs    |
| 286FDI4100 AS    | 4" | DI | TF | Y | N | 8 | 20.31  | 19.75  | 93 lbs    |
| <b>No Screen</b> |    |    |    |   |   |   |        |        |           |
| 286--8300 AS     | 2" | CI | A  | N | N |   | 9.125  | 11.19  | 17 lbs    |
| 286--8500 AS     | 3" | CI | L  | N | N |   | 12     | 14.19  | 37.25 lbs |



Fig. 286

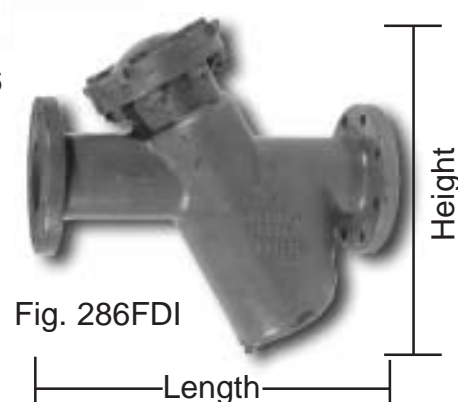


Fig. 286FDI

**CHART KEY:**

- A**—Size: 2", 3" or 4"
- B**—Body and Cap Material: Cast Iron (CI); Ductile Iron (DI)
- C**—Gasket: Armstrong (A) Teflon (TF), Lydall (L), Buna (B)
- D**—Flanged: Yes (Y); No (N)
- E**—UL Listed: Yes (Y); No (N)
- F**—Number of Bolt Holes
- Length**—Dimension Across Strainer Face to Face
- Height**—Dimension From Base to Top
- Weight**—Shipping Weight

Operating Pressure is 50 PSI, except the 4" 286FDI which is 125.

Yoke is malleable iron; Strainer is stainless steel.

The Armstrong Gasket is a synthetic cork/rubber composite.

Flange gaskets, nuts, bolts and washers available.