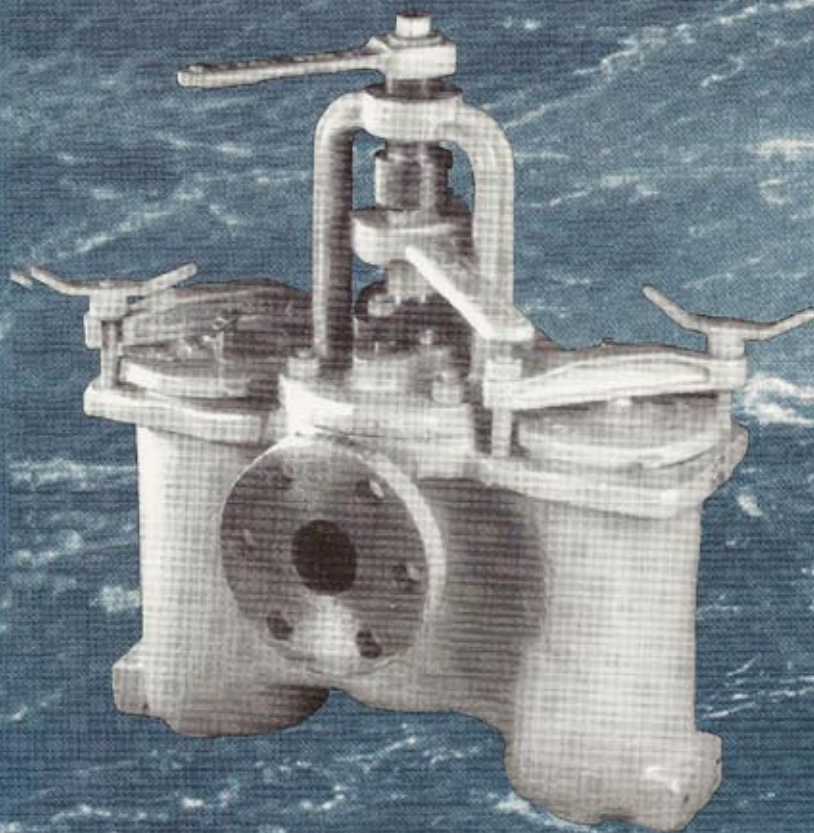


"Serving The Fleet For Over 70 Years"

Tate Andale Model ID Duplex Basket Strainer

Seawater, Lube Oil, Fuel Oil,
Chemical Service

Commercial — MIL Spec — U.S. Coast Guard Approved

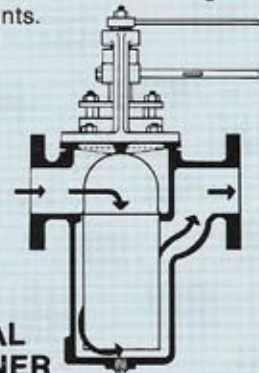


DESCRIPTION

Tate Andale Model ID duplex strainers are easily cleaned without stopping the fluid flow and have one moving part — the plug valve. The plug valve diverts the flow from one basket to the other permitting removal of the out-of-service basket for cleaning. While the fluid is flowing through the clean basket the access cover of the other chamber may be opened and the clogged basket removed.

The Model ID strainers are available in sizes $\frac{3}{4}$ " thru 8" for system pressures up to 150 PSIG. The access cover is yoked or bolted.

The Model ID strainers are recommended for heavy duty straining and are suitable for most straining requirements.



TYPICAL STRAINER SPECIFICATION

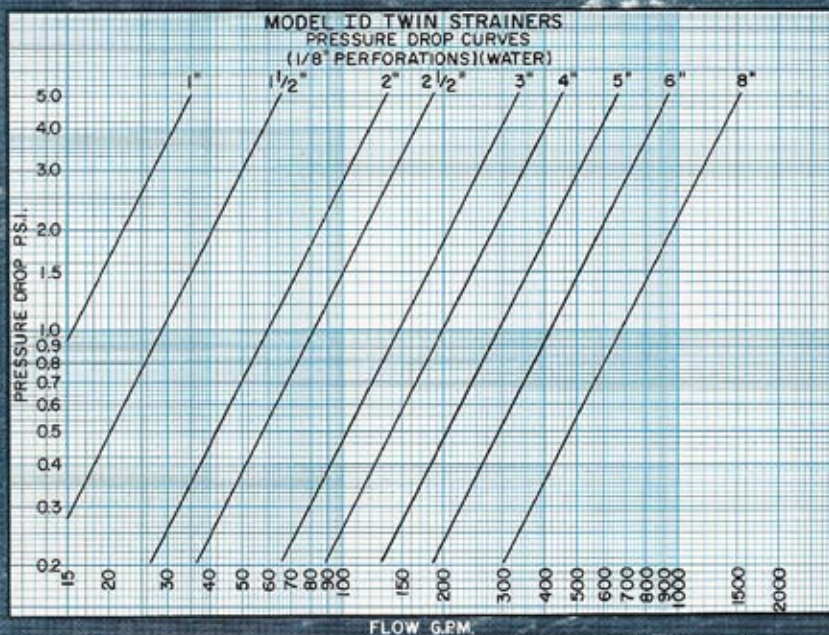
The strainer shall be a plug valve duplex basket type, capable of handling _____ (fluid) at a flow rate of _____ GPM with an approximate pressure drop (clean) of _____ PSIG. The strainer shall be Model ID as manufactured by Tate Andale, Inc. and suitable to a working pressure of _____ PSI and a working temperature of _____ °F.

The strainer body shall be of cast steel, stainless steel or bronze construction with _____" flanged inlet and outlet connections and shall have a bolted or yoked access cover.

The plug valve shall be precision machined and fitted to the body to insure minimum leakage. A lifting screw shall be provided to raise the plug before turning and to reseal the plug to eliminate metal to metal contact when shifting. The plug valve shall include positive stops to assure proper part alignment after turning.

The two strainer baskets shall be of 304 stainless steel construction with _____ inch diameter perforated openings (or a _____ mesh liner).

MOST SIZES AVAILABLE FROM STOCK



STANDARD MATERIALS

Body, Bonnet,
Access Cover
and plug Cast Steel, Bronze,
(B61) Navy, (B62)
Stainless Steel

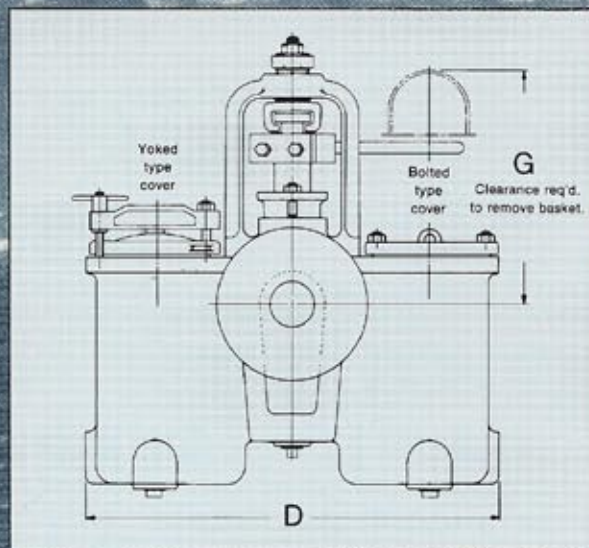
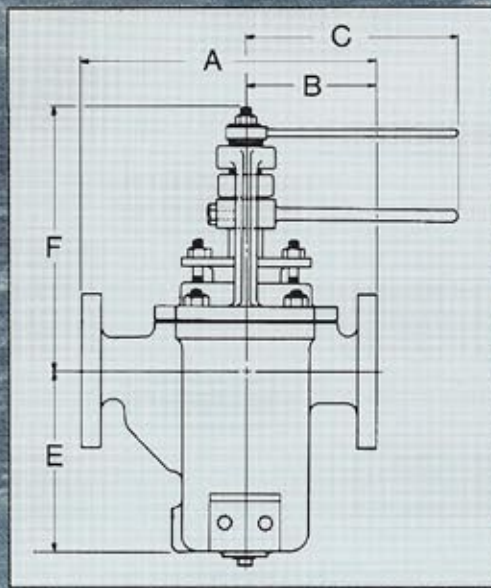
Basket 304 Stainless Steel

STANDARD FEATURES

Body of cast steel, stainless steel or bronze with plug type diverter valve and two (2) close fitting top-entry baskets to prevent particle by-pass. A lifting screw to eliminate metal to metal contact when shifting.

OPTIONAL FEATURES

- Higher design pressures
- Zinc anodes for salt water service
- Magnet assemblies
- Monel or 316 stainless steel basket
- Wire cloth basket liners
- Yoked or bolted access covers
- Spray guard
- Flanges per MIL-F-20042



Model ID Dimensions (Approx.) 150 PSIG

SIZE (Inlet Dia.)	¾"	1"	1¼"	1½"	2"	2½"	3"	3½"	4"	5"	6"	8"
A	6¾	6⅞	8¾	8⅞	10 ¹¹ / ₁₆	14¾	14⅞	15½	16 ⁷ / ₁₆	19⅞	21⅞	26¼
B	3	3 ¹ / ₁₆	4⅞	4 ³ / ₁₆	5⅞	6¾	6 ¹³ / ₁₆	7	7¼	8 ³ / ₁₆	9¼	10⅞
C	4½	4½	7¾	7¾	9¼	11⅞	11⅞	11⅞	11⅞	14	14	14
D	10	10	14⅞	14⅞	17¼	23¾	23¾	25⅞	28	35¾	40	42¼
E	4 ⁵ / ₁₆	4 ⁵ / ₁₆	5 ⁷ / ₁₆	5 ⁷ / ₁₆	7 ⁹ / ₁₆	11⅞	11⅞	12 ⁷ / ₁₆	14 ⁷ / ₁₆	17⅞	21½	27⅞
F	5 ⁵ / ₁₆	5 ⁵ / ₁₆	10 ⁹ / ₁₆	10 ⁹ / ₁₆	12 ³ / ₁₆	15⅞	15⅞	16	16 ⁵ / ₁₆	13⅞	14⅞	15½
G	6	6	8⅞	8⅞	12½	16¼	16¼	18⅞	20¾	24½	29	37⅞
Weight (lbs.)	29	30	67	71	125	275	280	390	415	745	1040	1260