



NO.	PART NAME	MATERIAL
1	BODY	STAINLESS STEEL
2	COVER	STAINLESS STEEL
3	STRAINING ELEMENT	316 STAINLESS STEEL
4	BACKWASH SHAFT	STAINLESS STEEL
5	BACKWASH ARM ASSEMBLY	STAINLESS STEEL
6	B/W ARM NUT	STAINLESS STEEL
7	B/W ARM DRIVE PIN	STAINLESS STEEL
8	BEARING HOUSING	STAINLESS STEEL
9	QUAD SEAL	BUNA
10	PILOT PACKING BUSHING	COMPOSITE
11	EYE BOLT PIN	CARBON STL ZINC P.L.
12	RETAINING RING	CARBON STL ZINC P.L.
13	EYE BOLT	CARBON STL ZINC P.L.
14,15	HEX NUT, WASHER	CARBON STL ZINC P.L.
16	LOWER SUPPORT RING	STAINLESS STEEL
17	GIRTH O-RING	NITRILE
18	LOWER BUSHING	COMPOSITE
19	SHAFT DRIVE PIN	STAINLESS STEEL
20	COTTER PIN	STAINLESS STEEL
21,22	STOP NUT, SPACER	CARBON STEEL
23	VENT VALVE, NIPPLE	STAINLESS STEEL
24	GEAR REDUCER	CAST IRON
25	MOTOR	1/3 HP

3 [75] ANSI CLASS 150 RF FLANGE BACKWASH CONNECTION

MOUNTING ARRANGEMENT (4) HOLES 7/8ø [22] BOLT CIRCLE 34.13ø [867] (4 TYPICAL)

NOTES:

1. ALL DIMENSIONS ARE INCH [MM].
2. FOR REPLACEMENT PARTS, MODEL NO., SIZE & SERIAL NO. FROM THE STRAINER NAMEPLATE MUST BE FURNISHED.
3. DESIGN PRESSURE: 150 PSI @ 150°F [10.3 BARS @ 65.5°C]
4. INTERNAL COATING: NONE
5. EXTERNAL COATING: NONE
6. WEIGHTS: DRY 3500 LBS, COVER 1280 LBS, FLOODED 8300 LBS. [DRY 1590 KGS, COVER 581 KGS, FLOODED 3768 KGS]
7. PART NO.: 25961802200PS

CERTIFIED FOR:
 QUOTE NO.:
 P.O. NO.:
 S.O. NO.:
 NO. OF STRAINERS:
 STRAINING ELEMENT:

SECTION A-A

120 [3048] REMOVAL SPACE

117 [2977]

48 [1219] OUTLET

36 [914]

2 [50] NPT

8 [203] NOM INLET

1 [25] VENT VALVE

18 [450] ANSI CLASS 150 RAISED FACE LINE FLANGES

1/2 [1.3] NPT 2 TYPICAL

1 [25] VENT VALVE

23 [584] OUTLET A

50 [1270]

1/2 [1.3] NPT 2 TYPICAL

45° TYP

INLET A

25 [584]

ELECTRONIC FILE NAME: SD259604PS.DWG
 REF. ECR D507
 DATE 11/1/05

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		EATON FILTRATION, LLC 900 FAIRMOUNT AVENUE, ELIZABETH, NEW JERSEY 07207			
		NAME 18" [450] MODEL 2596 AUTOMATIC STRAINER - FABRICATED STAINLESS STEEL - QUAD SEAL			
DRAWN A	FM	DATE 8/5/05	CERT. LH	DATE 8/5/05	REV C
SD259604PS					