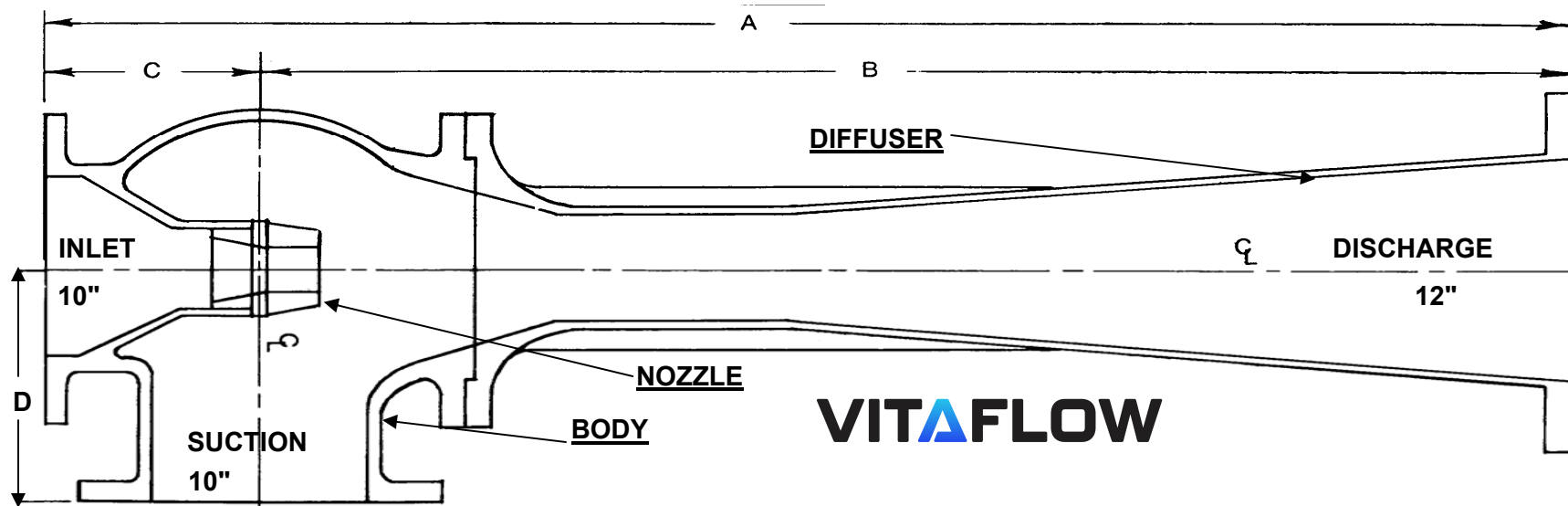


VITAFLOW

V.F. # 1802-12" BALLAST STRIPPING EDUCTOR



OPERATING DATA
SUCTION CAPACITY 250 - 863 M3/HR.
DISCHARGE HEAD UP TO 25 METERS
INLET PRESSURE UP TO 12.0 BAR
INLET QUANTITY 350-781 M3/HR.
SUCTION LIFT UP TO -6.0 METERS

WEIGHT 320 KG

DIMENSIONS**
 INLET 10"
 SUCTION 10"
 DISCHARGE 12"
 "A" 82" (2083mm)
 "B" 73" (1854mm)
 "C" 9" (229 mm)
 "D" 10½" (267 mm)

<u>Flange DATA</u>	<u>Inlet</u>	<u>Suction</u>	<u>Discharge</u>
<u>I.D.</u>	250	250	300
<u>O.D.</u>	400	400	445
<u># Holes</u>	12	12	16
<u>Hole Ø</u>	25	25	25
<u>B.C.</u>	355	355	400

Materials of Construction

Body & Diffuser: Bronze ASTM B62
Motive Nozzle: Monel or 316 SS
Fasteners: 316 Stainless Steel
Nameplate: 316 Stainless Steel

NOTES:

- EDUCTOR IS SUPPLIED TO MEET THE REQUIREMENTS OF EACH APPLICATION. Client must insure proper motive pressure and flow supply to eductor nozzle.
- FINAL EDUCTOR DIMENSIONS TO BE PROVIDED AT TIME OF SHIPMENT.
- Customer to follow VF Installation and maintenance guidelines.
- VF Recommends 8 – 10 x pipe diameter of straight pipe after the eductor discharge.
- For long inlet lines, use 300 mm pipe and reduce at the inlet to 250 mm.
- Suction Lift and discharge head including friction shall not exceed data supplied at time of order. VM is not responsible for changes in operating or installation parameters after orders are placed. Customer is to advise all piping and friction conditions to insure proper eductor sizing and supply.
- Eductor operation is completely dependent on the piping condition into which it is installed. Actual piping must not vary from design.
- VF recommends spare nozzle and gaskets as on board spares.

Service: Ballast Stripping Eductor -
Location: Engine Room
Vessel
Reference
Agent:
Client: