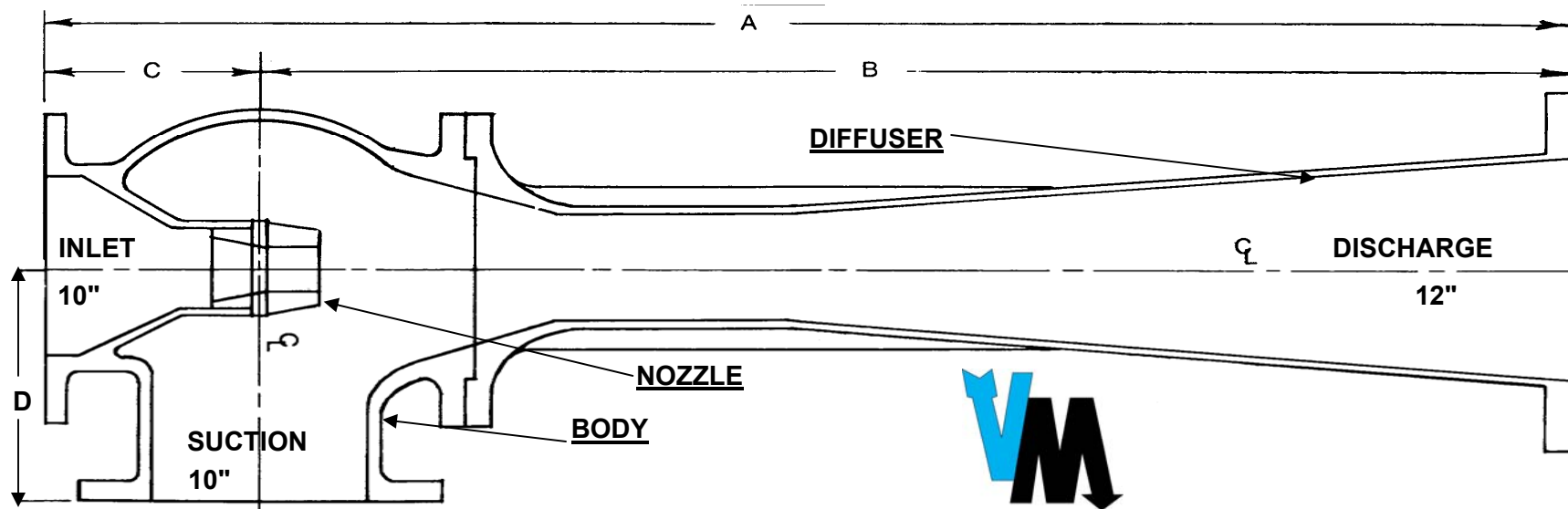


VITA MOTIVATOR CO. V.M. # 1802-12" BALLAST STRIPPING EDUCTOR



OPERATING DATA
SUCTION CAPACITY
DISCHARGE HEAD
INLET PRESSURE
INLET QUANTITY
SUCTION LIFT

250 - 863 M3/HR.
 UP TO 25 METERS
 UP TO 12.0 BAR
 350-781 M3/HR.
 UP TO -6.0 METERS

DIMENSIONS**

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

Flange DATA

	Inlet	Suction	Discharge
I.D.	250	250	300
O.D.	400	400	445
# Holes	12	12	16
Hole Ø	25	25	25
B.C.	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

Service:
Location:
Vessel
Reference
Agent:
Client:

Ballast Stripping Eductor -
 Engine Room

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 VM Installation and maintenance guidelines.
- VM 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.
- VM recommends spare nozzle and gaskets as on board spares.