



1802 - 6" S EDUCTOR

Materials of Construction:

Body & Diffuser: Bronze ASTM B62
 Nozzle: Monel
 Fasteners; 316 Stainless Steel
 Gaskets: Neoprene

Connections:

All Flanges 150 lb. ANSI B16.24 Flat Face

General Operating Range

Suction Capacity	Up to 800 GPM
Drive Pressure	50-175 PSI
Drive Flow	500-800 GPM
Suction Lift	Up to - 20 Ft.
Discharge Head	Up to 100 Ft.

DIMENSION DATA

Dimensions	Inches
Inlet	4"
Suction & Discharge	6"
"A"	37"
"B"	7"
"C"	30"
"D"	7"
Weight	280 lb

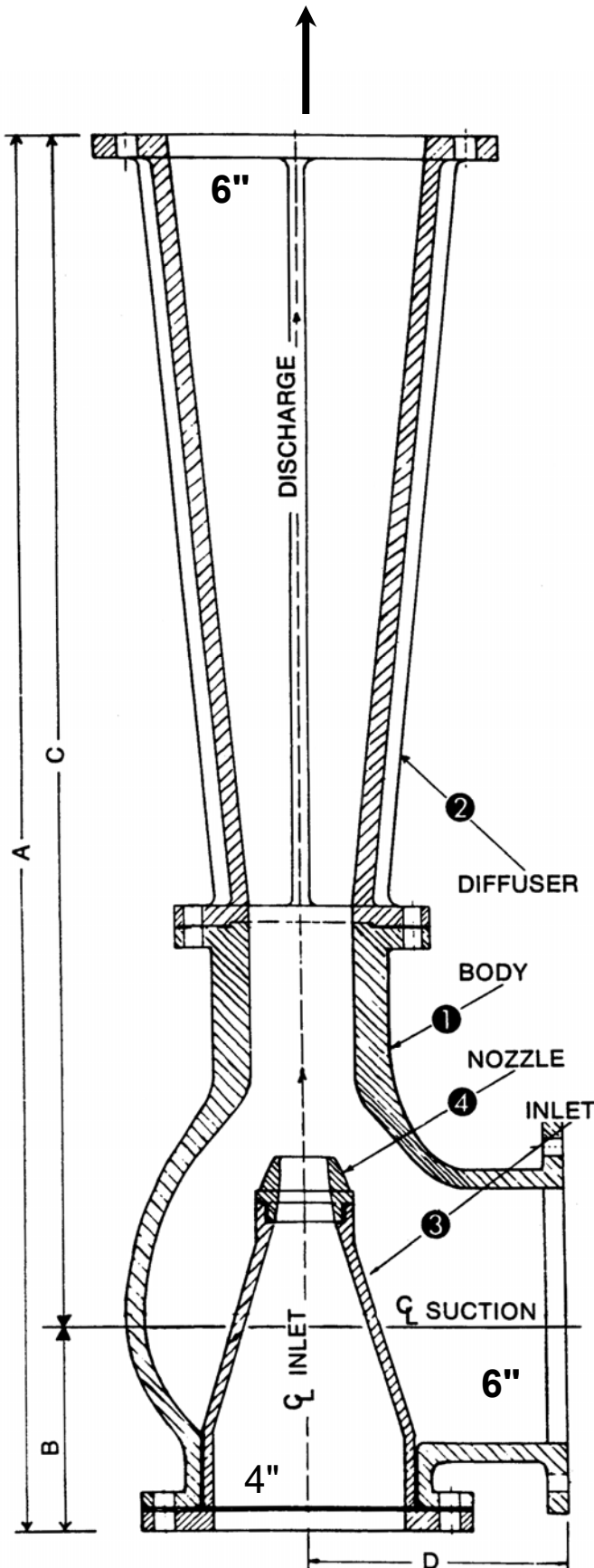
Flange Data - 150 LB ANSI B16.24

	Inlet	Suction	Discharge
I.D.	4"	6"	6"
O.D.	9"	11"	11"
Thick	.75"	.812"	.812"
# holes	8	8	8
B.C.	7 1/2"	9 1/2"	9 1/2"
Diam.	3/4"	.875"	.875"

- 1) Permanently installed ejectors are used to strip ballast, bilge cargo or other spaces that regularly have to be pumped out.
- 2) The VM 1802-6 series are high suction jet pumps with renewable nozzles.
- 3) Applications include stripping and gas freeing cargo tanks, bilges, spud cans, main & secondary drainage, pumping cement and drilling mud.

NOTES:

1. Eductor are customized & supplied to meet customer application requirements.
2. VM recommends 8 to 10x discharge Diameter of straight discharge pipe after discharge flange.
3. Final dimensions to be advised at time order is placed.
4. All bends on discharge shall be 45°, or shall have a radius of 2 1/2 to 3 times the diameter of the pipe.
5. For long inlet lines, use 150 mm and reduce at inlet to 100mm.
6. Follow VM Installation and operation instructions.
7. Eductor to be supplied with integrally cast Inlet
8. Customer to follow VM Installation and maintenance guidelines



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