



VITA MOTIVATOR VM # 1903-6" LX HIGH PRESSURE JETTING EDUCTOR

Materials

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

Project Data

Service:	Spud Can/High pressure jetting Eductor
Application:	Stripping Eductors
Fluid:	Seawater / Bilgewater
Flow Curve #	

Specification

Suction Capacity	Up to 900 GPM
Suction Lift	Up to -23 Feet
Discharge Head	Up to 100 Feet
Drive pressure	100-200 PSI
Drive Flow	600 – 1100 GPM
Suction Fluid:	SEAWATER
WEIGHT	t.b.a.

Dimensions

INLET	5"
SUCTION	6"
DISCHARGE	6"
"A"	45½"
"B"	39⅞"
"C"	5"
"D"	8"



Notes:

1. For long inlet lines, use (6") and reduce at eductor to (5")
2. Allow 60" Min. of straight pipe on discharge. Do not install a bend directly to the discharge of the eductor.
3. All bends on Discharge shall be 45° or shall have a radius of 2½ to 3 times diameter of pipe
4. Allow 40" - 60" of straight pipe on the suction connection of the eductor
5. Drive pressure is the pressure at the inlet of the eductor. Drive flow is the flow 'at' the inlet of the eductor.
6. Eductor supplied to fit the requirements of each application.
7. Customer to specify flow conditions and pipe sizes and bends when ordering for proper nozzle sizing.
8. Customer to follow VM Installation guidelines and instructions.
9. Customer must advise all pipe and friction impacts on eductor.
10. FINAL AS-BUILT Dimensions to be advised after manufacture. Dimensions shown are for eductor with 150 LB flanges.