

MIE 8.1L MPI WITH VELVET DRIVE 5000V  
V-DRIVE TRANSMISSION

- (1) DIMENSIONS REQUIRE A MINIMUM 1/2 in. (13mm) CLEARANCE FOR MOTOR MOUNT DEFLECTION.
- (2) SELECT THE APPROPRIATE EXHAUST RISE-HEIGHT TO MAINTAIN A MINIMUM OF 13 in. (330mm) BETWEEN THE TOP OF THE EXHAUST ELBOW AND THE WATERLINE OF THE BOAT AT MAXIMUM RATED LOAD.
- (3) EXHAUST OUTLETS MUST BE ABOVE WATERLINE OF BOAT AT MAXIMUM RATED LOAD.
- (4) DIMENSIONS APPLY TO POINT OF INTERSECTION OF OUTPUT SHAFT CENTERLINE AND OUTPUT FLANGE FACE.
- (5) NUMBERS INSIDE BRACKETS "[]" ARE IN MILLIMETERS.

(2)(3)  
EXHAUST OUTLET  
Ø4"(102) X 2"(51) LONG

CLOSED  
COOLANT  
RESERVOIR

CLOSED  
COOLING  
SYSTEM

ELECTRICAL  
HARNESS  
RECEPTACLE

(-)BATTERY  
TERMINAL  
CONNECTION

(+)BATTERY  
TERMINAL  
CONNECTION

SHIFT CABLE  
CONNECTION

REAR MOUNTS  
ADJUST 3/8"(10)  
UP OR DOWN

12.7 [316]

16.1 [407]

7.7 [200]  
(4)

4.7 [112]

5.3 [131]

8.15 [227]  
(4)

11.1 [282]

21.1 [536]

27.5 [702]

35.13 [909]

25.7 [657]  
6"  
RISER  
(1)(2)

22.7 [581]  
3"  
RISER  
(1)(2)

22.3 [569]  
(1)

9.7 [240]  
(1)

CRANKSHAFT  
C.L.  
5.3 [136]

FUEL INLET  
1/4"-18 NPSF THD.

SEA WATER PUMP  
INLET USE 1-1/4"[32]  
I.D. HOSE

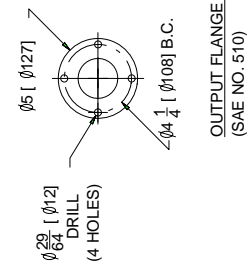
1/2" [13] NOM. DIA. BOLT  
HOLES ON 4 IN. [102] CENTERS

FRONT MOUNTS  
ADJUST 1/2" [13]  
UP OR DOWN

THROTTLE  
CONNECTION

OIL FILL  
CAP

REMOTE  
OIL  
FILTER



UNIT OF MEASURE in. (mm)	SCALE APPROX. 1" = 1" 25.4mm = 304mm
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