



MCM 454 AND 502 MAG MPI AND 454 MAG MPI HORIZON

- NOTES:
- (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) INNER AND OUTER SURFACES OF TRANSOM MUST BE PARALLEL WITHIN 1/8 in. (3mm) IN AREA COVERED BY TRANSOM PLATES AND REMAIN WITHIN TRANSOM THICKNESS LIMITS.
  - (4) REFER TO "TRANSOM CUTOOUT" IN INSTALLATION MANUAL TO FIND CRANKSHAFT CENTERLINE VS. BOAT BOTTOM.
  - (5) NUMBERS INSIDE BRACKETS "[]" ARE IN MILLIMETERS.

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