



DIMENSIONS	10-	12-	15-
A STANDARD (1)	571	595	632
AS (3° RISERS) (1)	622	640	662
AG (6° RISERS) (1)	687	697	708
B	348	353	355
C	550	550	549
D (3)	132	174	163
E (3)	142	148	157
F (1)	234	235	235
G	290	299	270
G'	290	301	303
H	147	138	124
J (2)	-22	-3	26
K (3)	371	361	345
L (3)	531	140	152
M	268	269	269
N	167	171	175
O	325	327	330
P	48	41	28

METRIC  
MM.

DIMENSIONS	10-	12-	15-
A STANDARD (1)	22-1/2	23-7/16	24-7/8
AS (3° RISERS) (1)	24-1/2	25-3/16	26-1/16
AG (6° RISERS) (1)	27-1/16	27-7/16	27-7/8
B	13-11/16	13-7/8	14
C	21-5/8	21-5/8	21-5/8
D (3)	7-2/16	6-7/8	6-3/8
E (3)	5-3/8	5-17/16	5-3/16
F (1)	9-3/16	9-1/4	9-1/4
G	10-9/16	10-5/8	10-5/8
G'	11-13/16	11-7/8	11-1-5/16
H	5-13/16	5-7/16	4-7/8
J (2)	1-7/8	1-1/2	1
K (3)	14-5/8	14-3/16	13-5/8
L (3)	5-3/16	5-1/2	6
M	10-9/16	10-9/16	10-8/16
N	6-9/16	6-11/16	6-7/8
O	12-13/16	12-7/8	13
P	1-15/16	1-5/8	1-1/8

ENGLISH  
IN.

MIE 454 MAGNUM MPI HORIZON WITH  
VELVET DRIVE 5000A) DOWN-ANGLE TRANSMISSION

NOTES

- (1) Dimensions Require a Minimum 1/2 in. (13mm) Clearance for Motor Mount Deflection.
- (2) Base of Mount to be Parallel to Stringer. Mounts Shown at Center of Adjustment.
- (3) Adjustments Apply to Point of Intersection of Output Shaft Centerline and Output Flange Face.
- (4) Minimum Angle of Exhaust Drop 6 (1-1/4 in./ft.) With Boat in Water at Rest.