

ASI Technologies, Inc.

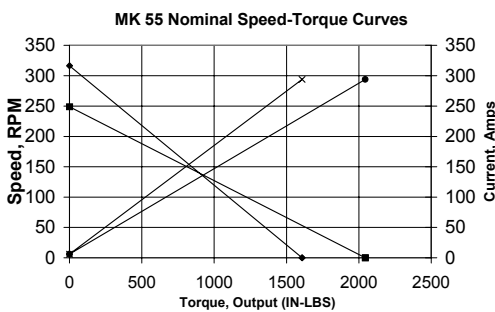
MK 50/60 SERIES

24 VOLT GEAR DRIVE SYSTEMS

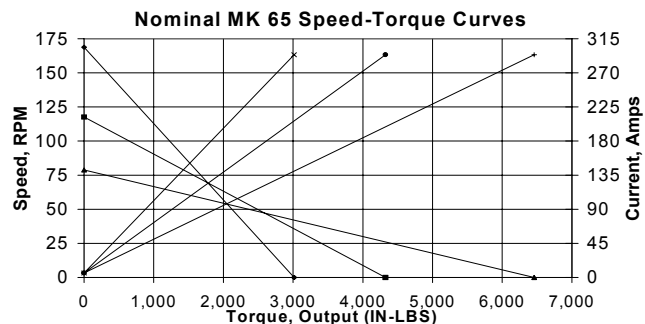


The MK 50 (single pass gearing) and MK 60 (double pass gearing) transaxles both utilize the same die cast housing. Vehicle weights up to 1500 lbs and speeds up to 12 mph are possible due to the large ratio variations offered by this unique and compact drive system. Motor, electro-magnetic brake, harnessing, connectors, gear reduction and differential are included in one easy-to-install package. Detailed on this sheet are standard units. Other motors, voltages and ratios are available. Axle configurations are made to order, including hubs, if required. Please contact the factory for more information.

Unit type		MK55	MK55	MK65	MK65	MK65
Option		1	2	3	4	5
Voltage		24	24	24	24	24
No Load Speed, RPM		317	250	170	120	76
Maximum continuous operating point (Motor Limited)						
Torque	In-Lbs.	179	240	335	480	718
Speed	RPM	290	226	155	108	72
Current	Amps	38	38	38	38	38



—●— MK 55 option 1, Speed —■— MK55 option 2, Speed
 —○— MK 55 option 1, Current —□— MK55 option 2, Current



—●— MK 65 option 3, Speed —■— MK 65 option 4, Speed —▲— MK 65 option 5, Speed
 —○— MK 65 option 3, Current —□— MK 65 option 4, Current —△— MK 65 option 5, Current

Due to continuing improvement, specifications subject to change without notice.

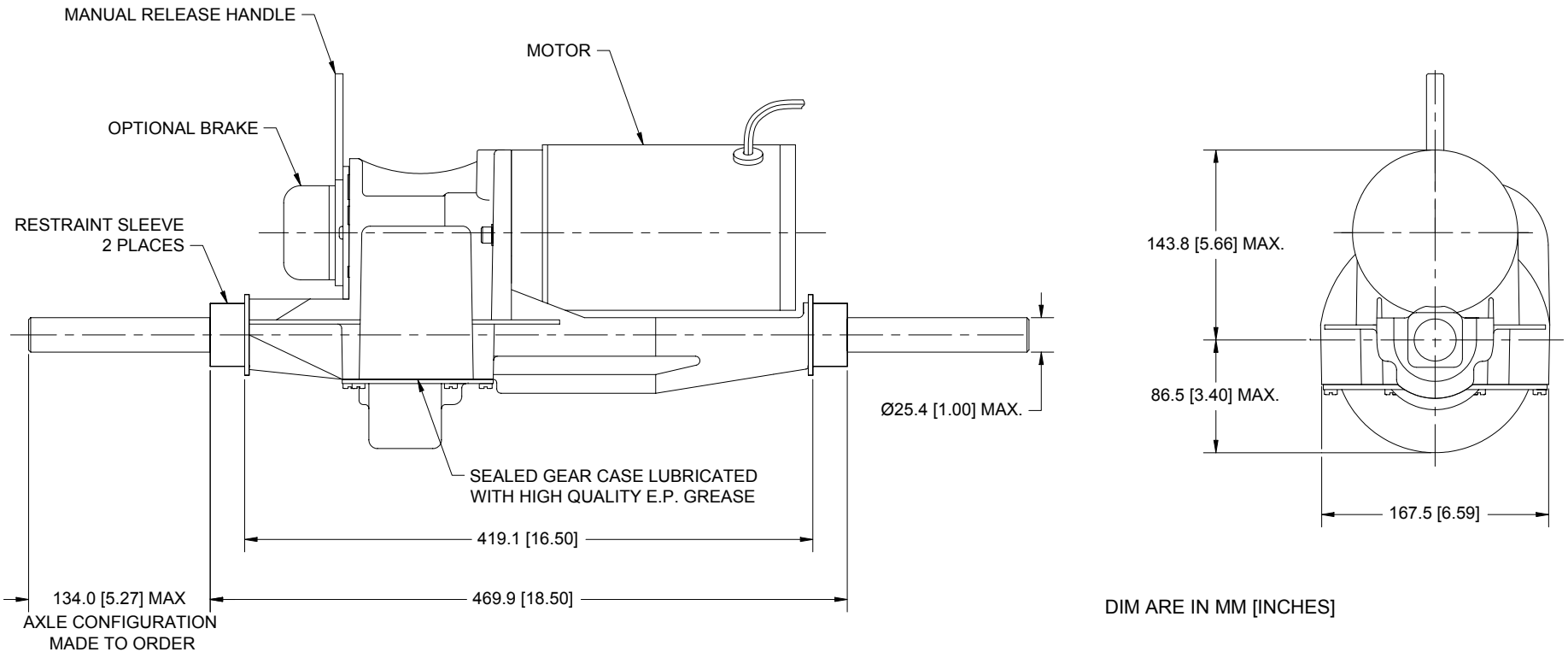


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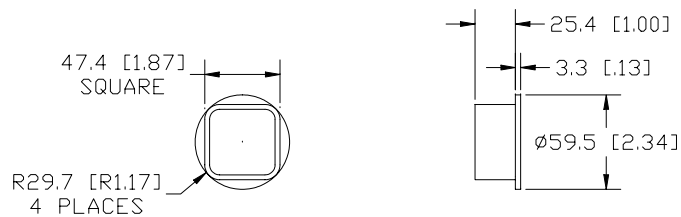
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MK 50/60 SERIES GEAR DRIVE SYSTEM



NOTES

1. PREFERRED MOUNTING IS WITH MOTOR ON RIGHT SIDE LOOKING FORWARD.
2. MAX. ALLOWABLE GROSS VEHICLE WEIGHT IS DEPENDENT ON MAX SPEED, CONSULT FACTORY.
3. HOUSING MATERIAL IS DIE CAST ALUMINUM; AXLES ARE STEEL ALLOY.
4. WEIGHT OF TRANSAXLE IS 22.7 KG [50.0 LBS] WITH MOTOR AND BRAKE.
5. THIS GEARBOX IS SEALED AND LUBRICATED FOR LIFE. NO MAINTENANCE IS REQUIRED.
6. ESTIMATED GEARBOX EFFICIENCY GREATER THAN 95%
7. THE SUITABILITY OF THIS TRANSAXLE FOR A SPECIFIC APPLICATION IS THE RESPONSIBILITY OF THE PURCHASER.
8. EXCESSIVE ACCEL AND DECEL CAN ADVERSELY EFFECT THE LIFE AND INTEGRITY OF THE UNIT.



RESTRAINT SLEEVE



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