

APPLY NYE342 OIL TO SHAFT BEFORE ASSEMBLY

**NOTE:**  
 1. GREASE WORM WHEEL TEETH AND FILL GEAR BOX CAVITY WITH 30 GRAMS OF NYE380.  
 2. INSURE MOTOR HAS SHAFT SEAL TO STOP MIGRATION OF GREASE INTO BRUSH CARD.

DETAIL A

DIMENSIONS ARE IN:  
MM/INCHES

Project N/A	Designer <i>ME</i> 4/4/2003	Check TM 4/4/2003	Check <i>CK</i> 4/4/2003	Approved RL 4/4/2003	Material Specification N/A	Finish Specification N/A				
<b>OVALS</b>  ARE FOR INCOMING INSPECTION CHECKING PROCESSES	UNLESS OTHERWISE SPECIFIED TOLERANCES IN INCHES MM 1 PLACE DEC. = N/A ±0.25 2 PLACE DEC. = ±0.01 ±0.13 3 PLACE DEC. = ±0.005 ±0.08 4 PLACE DEC. = ±0.0025 N/A ANGULAR DIM = ±1° ±1°					<b>AM EQUIPMENT</b> Jefferson, Oregon 97352 www.amequipment.com	Title/Name <b>Motor, Ind, 26Nm, 12V, LH, 11mm Dia, 24.3mm, DFS, PM Gear</b>			
	DO NOT SCALE DRAWING WORK TO GIVEN DIMENSIONS					THIS DRAWING IS THE SOLE PROPERTY OF AM EQUIPMENT AND CANNOT BE REPRODUCED IN ANY WAY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AM EQUIPMENT	Part Number <b>226-3001</b>	Revision <b>7</b>	Sheet <b>1 OF 2</b>	
							8/24/2009			

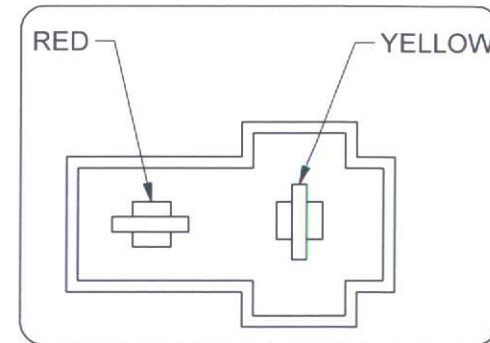
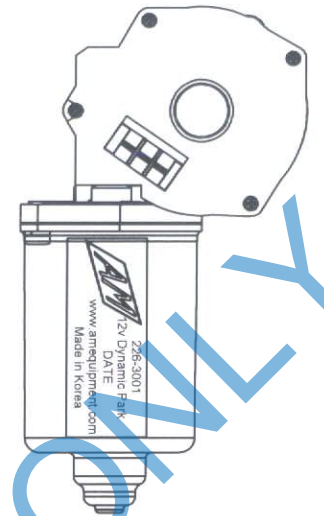
**CLOCKWISE MOTOR SHAFT ROTATION**

DATA POINT	DATA TYPE	VALUE RANGE
NO LOAD	CURRENT (A)	4.5 or <
	SPEED (rpm)	95.9 - 78.5
19.5Nm	CURRENT (A)	39.9 - 34.6
	SPEED (rpm)	39.7 - 32.9
PEAK POWER	POWER (W)	83.6 - 68.4
	TORQUE (Nm)	19.2 - 15.7
NOMINAL (PEAK EFFICIENCY)	POWER (W)	44.5 NOMINAL
	SPEED (rpm)	70.2 NOMINAL
	CURRENT (A)	12.8 NOMINAL
	TORQUE (Nm)	6.2 NOMINAL

**COUNTER-CLOCKWISE MOTOR SHAFT ROTATION**

DATA POINT	DATA TYPE	VALUE RANGE
NO LOAD	CURRENT (A)	4.5 or <
	SPEED (rpm)	98.1 - 80.3
19.5Nm	CURRENT (A)	40.9 - 34.8
	SPEED (rpm)	39.4 - 32.0
PEAK POWER	POWER (W)	84.4 - 69.1
	TORQUE (Nm)	18.0 - 14.8
NOMINAL (PEAK EFFICIENCY)	POWER (W)	44.1 NOMINAL
	SPEED (rpm)	74.8 NOMINAL
	CURRENT (A)	11.0 NOMINAL
	TORQUE (Nm)	5.8 NOMINAL

**BACKDRIVE 60Nm MINIMUM CW & CCW**



TERMINAL HOUSING 317-1057 (KET# MG 620042)  
 TERMINAL 317-1054 (KET# ST 740254-1)  
 MATE HOUSING 317-1056 (KET# MG 610043)  
 TERMINAL 317-1055 (KET# ST 730268-1)

RED (+), YELLOW (-) = CW  
 YELLOW (+), RED (-) = CCW \*PREFERRED ROTATION\*

DIMENSIONS ARE IN:  
MM/INCHES

Project N/A	Designer <i>ME</i> 4/4/2003	Check <i>TM</i> 4/4/2003	Check <i>CK</i> 4/4/2003	Approved <i>RL</i> 4/4/2003	Material Specification N/A	Finish Specification N/A			
OVALS  ARE FOR INCOMING INSPECTION CHECKING PROCESSES	UNLESS OTHERWISE SPECIFIED TOLERANCES IN INCHES MM 1 PLACE DEC. = N/A ±0.25 2 PLACE DEC. = ±0.01 ±0.13 3 PLACE DEC. = ±0.005 ±0.08 4 PLACE DEC. = ±0.0025 N/A ANGULAR DIM = ±1° ±1°					Title/Name Motor, Ind, 26Nm, 12V, LH, 11mm Dia, 24.3mm, DFS, PM Gear			
	DO NOT SCALE DRAWING WORK TO GIVEN DIMENSIONS					Part Number 226-3001	Revision 7	Sheet 2 OF 2	
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						8/24/2009			