

Power Wheel® Model 4 Shaft Output Drives

Single Reduction

260.925.3200 AuburnGear.com

Power Wheel®

Model 4 Shaft Output Drives

Single Reduction

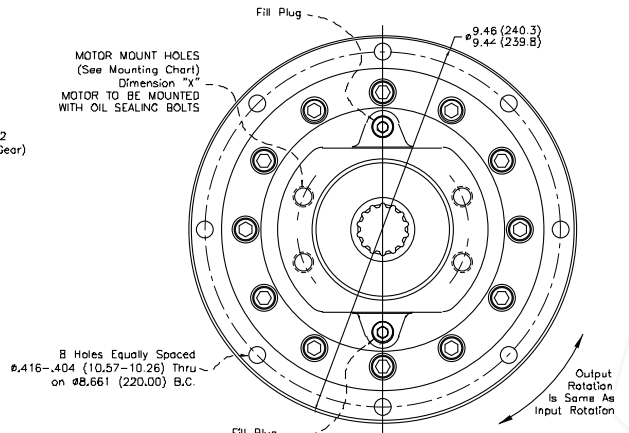
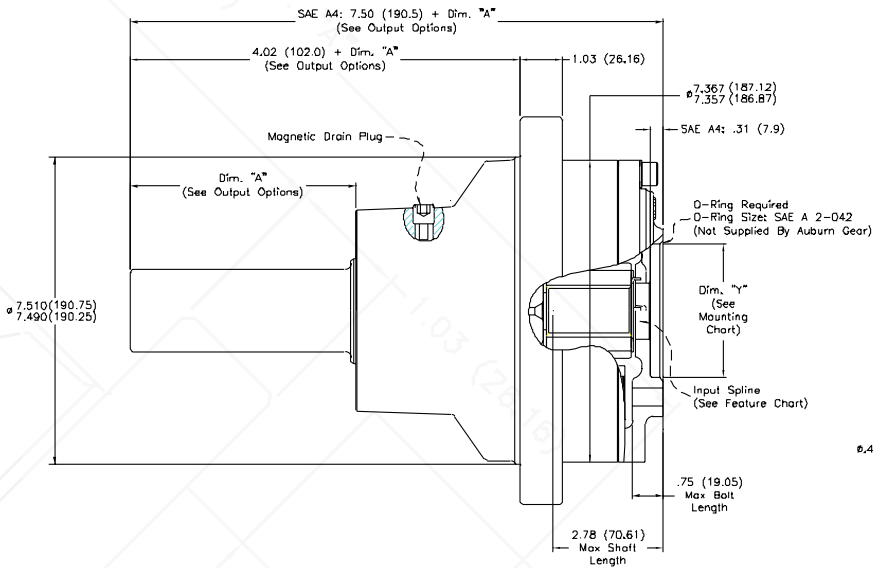
General Specifications

Max Intermittent output torque^{1,2}...40,000 lb-in (4,520 Nm)
 Max input speed².....3,500 rpm

¹ Depending on the duty cycle and the nature of the application, a normal continuous output torque of 1/3 to 1/2 of the Maximum Intermittent should yield satisfactory Power Wheel life. Customer testing and application analysis is strongly recommended.

² If application exceeds published limit, contact Auburn Gear.

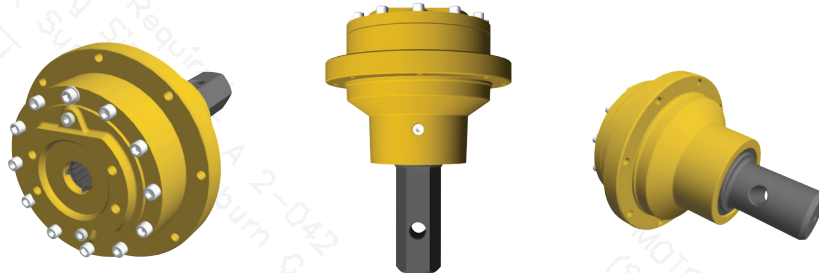
Max radial load.....9,900 lbs. (4,490 kg)
 Approximate Weight.....63 lbs. (29 kg)
 Oil Capacity—Shaft Down.....25 oz. (739 cc)
 —Shaft Horizontal.....14 oz. (414 cc)



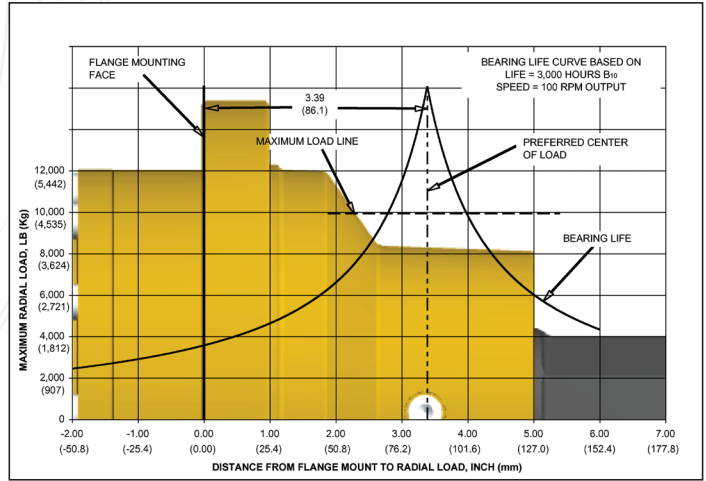
MOTOR MOUNTING CHART	
Dimension "X"	Dimension "Y"
SAE A5, (4)– 0.50 (12.7) -13 UNC, -2B Thd Holes on 4.188 (106.38) B.C. diameter *	Ø 3.251 - 3.256 (82.58 - 82.70)

**O" Ring or Gasket Required (Not Supplied by Auburn Gear)

"O" Ring Sizes: SAE "A" 2-042, SAE "B" 2-155



FEATURE CHART: MODEL 4 SHAFT OUTPUT DRIVES - SINGLE REDUCTION - STYLE T						
OPTIONS	DESCRIPTION	MAKE ALL SELECTIONS IN ONE COLUMN		ORDER CODES	USE OPTION ORDER CODES TO BUILD ORDER NUMBER	
MOTOR PILOT/HUB	SAE A5	*		4T2A5	4T2A5	
INPUT SPLINE	13T - 16/32	*		13		
	14T - 12/24	*		14	14	
	1" - 6B	*		6B		
RATIO OPTIONS	3.69:1	*		03		03
OUTPUT SHAFT OPTIONS	2.560" Round	*		A2		
	2.00" Hex	*		H1		H1
SPECIAL FEATURES	None	*		00		00
Example of complete order code:				4T2A5	14	03 H1 00

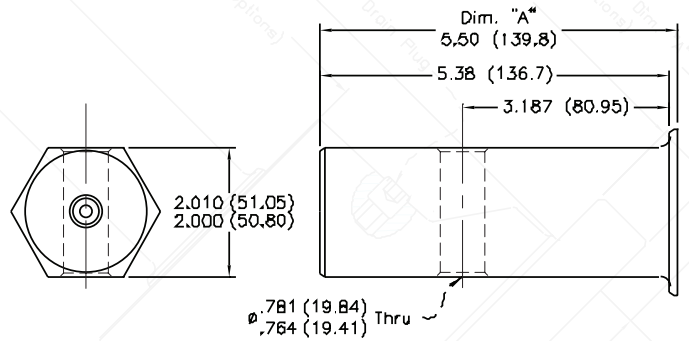
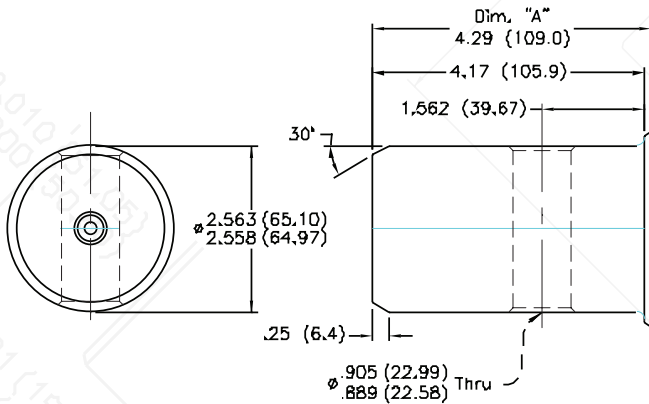


NOTE:

These curves are supplied as a design guide and apply to resultant radial load only. They indicate the importance of maintaining load position over the bearing center.

For actual analysis, applications should be reviewed by Auburn Gear Engineering using data supplied on Application Data Form.

Output Options



Power Wheel®

Model 4 Series B, Shaft Output Drives

Single Reduction

- Performance advantages over similar competitor units
- Robust bearing-nut retention design for longer bearing life and reduced potential for shaft pull-out
- Typical applications:
 - Auger drives
 - Conveyors
 - Chain/sprocket drives

