



**Model 200**  
**Power Wheel<sup>®</sup>**  
**Planetary Gear Drive**

# Model 200 Wheel Drives - Double Reduction

# Power Wheel®

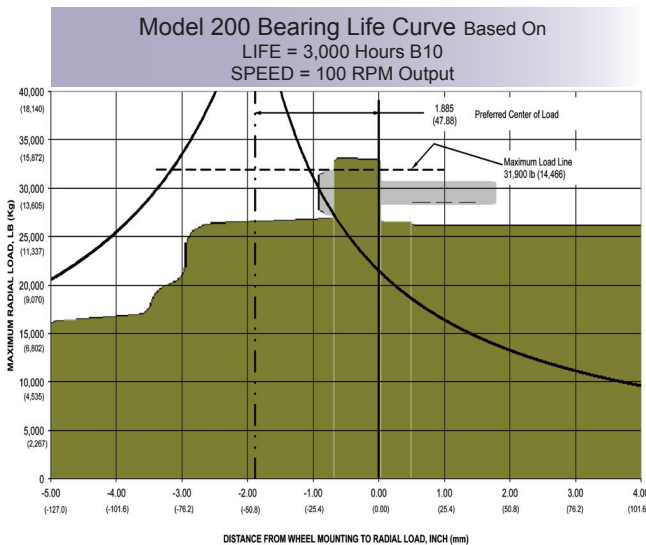
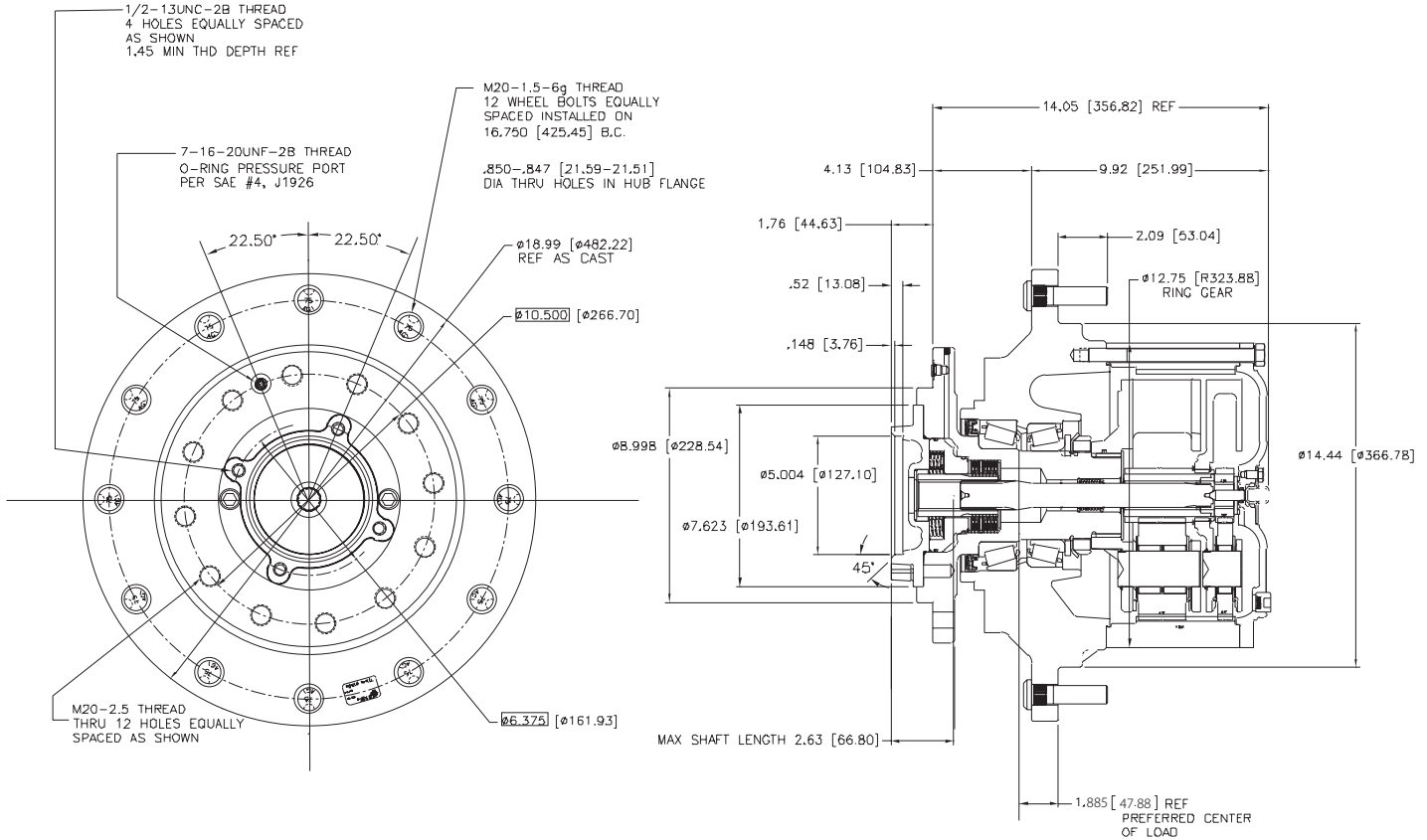
## GENERAL SPECIFICATIONS

Max. intermittent output torque<sup>1</sup>: 200,000 lb-in (22,600 N-m)  
Max. input speed<sup>2</sup>: 5,000 RPM

Approximate weight: 385 lbs (175 kg)  
Oil capacity: 110 oz (3,250 cc)

<sup>1</sup> 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.

<sup>2</sup> For N and Bolt-on series brakes, please contact Auburn Gear for input speeds above 4,000 rpm for application analysis.



Model 200 Wheel Drives										
Options	Description	Make all selections within one column			Order Codes	Use option order codes to build order code number				
MOTOR PILOT / HUB	SAE A SAE B SAE C	*	*	*	200W3A 200W3B 200W3C	200W3C				
INPUT SPLINE	13T 16/32 14T 12/24	*	*	*	13 14	14				
RATIO OPTIONS	36.82:1 44.58:1 51.35:1	*	*	*	36 44 51	36				
WHEEL STUDS	3/4" x 3.21" M20 x 1.5 x 80mm None	*	*	*	11 19 0	19				
PARKING BRAKE	2800 lb-in/125 psi			*	N7					N7
SPECIAL FEATURES	Multi-Lip Seal Brake Disc Holes Boot Seal Pipe Plugs/ Spindle Side Quick Disconnect	*	*	*	T DH Z P Q					T
						200W3C	14	36	19	N7 T

# Model 200 Shaft - Spindle Output - Swing Drives Double Reduction

# Power Wheel®

## GENERAL SPECIFICATIONS

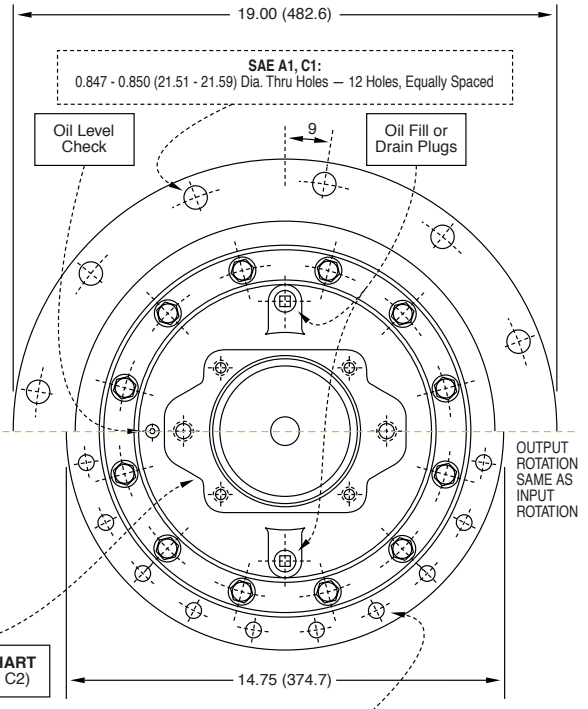
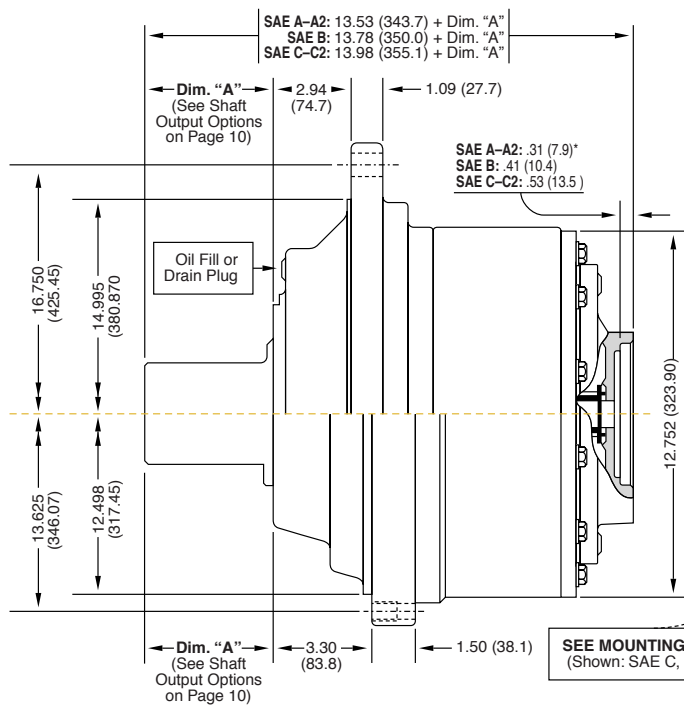
Max. intermittent output torque<sup>1</sup>: 200,000 lb-in (22,600 N-m)  
Max. input speed<sup>2</sup>: 5,000 RPM

Approximate weight: 300 lbs (136 kg)  
Oil capacity: 96 oz (2,850 cc)

<sup>1</sup> 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.

<sup>2</sup> For N and Bolt-on series brakes, please contact Auburn Gear for input speeds above 4,000 rpm for application analysis.

### SAE A1, B1, C1

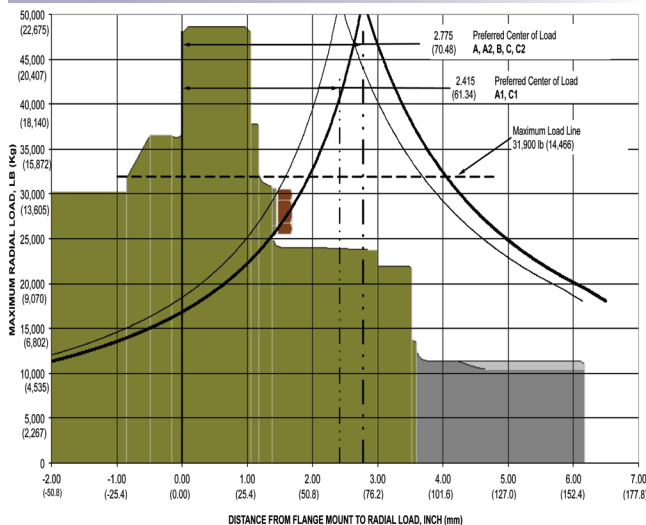


### SAE A, A2, B, C, C2

\*Spacer plate required when 52.35:1 ratio is used with any "A" mount and the 14T input spline. Spacer adds .600 (15.24) to overall length of drive

SAE A, B, C:  
0.625 (15.88) -11 UNC-2B Thd. 1.50 (38.1) Full Thd. - 20 Holes, Equally Spaced  
SAE A2, C2:  
.531 (13.50) Dia. Thru Holes - 20 Holes, Equally Spaced  
.875 (22.3) Spotface - .06 (1.5) Deep

Model 200 Bearing Life Curve Based On  
LIFE = 3,000 Hours B10  
SPEED = 100 RPM Output



### Model 200 Shaft & Spindle Out & Swing Drives\*

Options	Description	Make all selections within one column			Order Codes	Use option order codes to build order code number				
MOTOR PILOT / HUB*	SAE A A1 A2 SAE B B1 SAE C C1 C2	*	*	*	200S3A 200S3A1 200S3A2 200S3B 200S3B1 200S3C 200S3C1 200S3C2	200S3C1				
INPUT SPLINE	13T 16/32 14T 12/24	*	*	*	13 14		14			
RATIO OPTIONS	37.82:1 45.58:1 52.35:1	*	*	*	37 45 52		37			
OUTPUT SHAFTS & SPINDLES**	20T - 8/16 23T - 8/16 3.00" Keyed 3.75" Keyed 2.50" Hex (12) 3/4"-16 holes on a 10-1/2" B.C.	*	*	*	20 23 K1 K2 H1			K2		
BOLT ON PARKING BRAKE	5,400lb-in/150psi 7,200 lb-in/190psi		*	*	A1 A2				A2	
SPECIAL FEATURES	Boot Seal w/F1 Spindle Debri Guard w/F1 Spindle	*	*	*	Z G					
						200S3C1	14	37	K2	A2

\* Swing Drive Hub arrangements available - contact Auburn Gear  
\*\* Output Pinion Gears for swing drives also available - contact Auburn Gear

# Model 200 Features

- Enhanced gear technology provides **more power density without increasing external dimensions**
- Precision computer-aided bearing setting allows for **optimal bearing life**
- Optimized carrier designs provide for greater resistance to shock and torsional loads, hence **increasing gear box life**
- Increased bearing capacity allows for **additional radial load**



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