



R20A Series

Applications include grain augers and elevators.



Features:

- Two-piece aluminum housing for high strength, corrosion resistance and thermal capacity
- Precision machined for exact gear mesh and bearing preload
- Precision forged gears are offered in 1:1 ratio
- Tapered roller bearings provide increased load capacity and bearing life
- Shafting made of high strength steel is standard
- Serviced with 80W90 gear lubricant, run and leak tested before shipment
- The R20A Series weighs 12/15 lbs. including 12 oz of lubricant

Rating Chart		Input RPM			
		100	540	1000	1750
Ratio ¹	Gear Design	Input HP	Output Torque*	Input kW	Output Torque**
1 : 1	19T, 19T Forged Straight Bevel	8.43	5313	6.29	600
		35.46	4139	26.44	468
		53.23	3355	39.69	291
		71.42	2572	53.26	379

¹ All ratings specified with the #1 shaft as the input
 *Torque measured in inch-lbs **Torque measured in N-m

LIMITATIONS ON HORSEPOWER AND TORQUE RATINGS: The horsepower and torque ratings given here are generalizations. Different conditions for various applications may result in higher or lower horsepower capacities. Under certain conditions the maximum indicated rpm may be exceeded. For these reasons the ratings cannot be guaranteed for any application. Prototype testing should be conducted for each application before production.

