

Hub City™ Bevel Gear Drives

Model 175

Features

- Shaft mounted design for direct mounting on drive shaft of equipment to be driven.
- Rugged cast iron housing designed for rigid gear and bearing support.
- Alloy shafting for greater strength.
- Tapered roller bearings for endurance and strength.
- Spiral bevel (SP) gearing to assure low noise level at higher operating speeds.
- Choice of four (4) standard gear ratios.
- Heavy-duty industrial seals to keep lubricant in and dirt out.
- Universal mounting assures maximum design flexibility.
- Base and foot mounting kits available. (Refer to pages D-59)
- Hydraulic motor mounting flanges available on input only. (Refer to page D-61)
- Hub City lubricant recommended. (Refer to section M)
- Metric versions available. (Refer to page D-58)



Rating Table

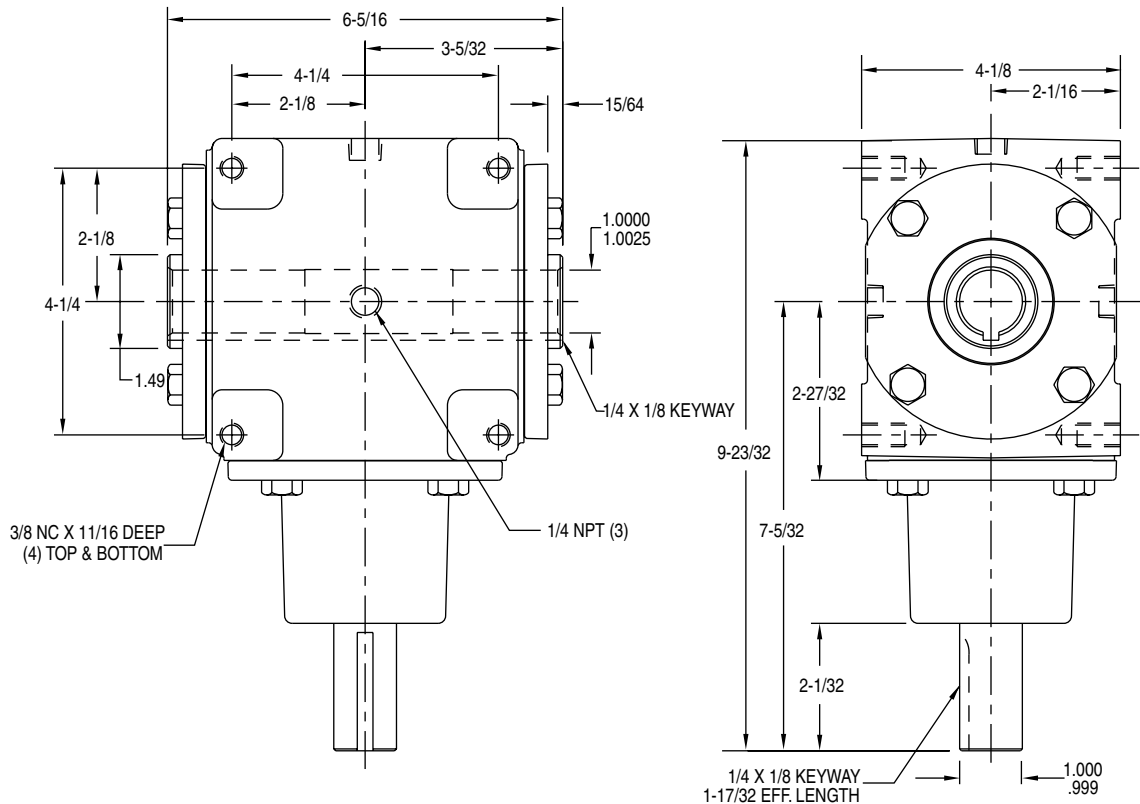
INPUT RPM†		REDUCTION RATIOS			
		1:1 SP	1.5:1 SP	2:1 SP	3:1 SP
3000	INPUT HORSEPOWER	26.87	28.00	16.75	8.70
	OUTPUT TORQUE IN. LBS.	564.00	883.00	703.00	548.00
	INPUT O.H.L. ‡	25.00	25.00	55.00	225.00
2400	INPUT HORSEPOWER	21.80	22.70	13.65	7.00
	OUTPUT TORQUE IN. LBS.	570.00	895.00	717.00	554.00
	INPUT O.H.L. ‡	54.00	50.00	85.00	275.00
1750	INPUT HORSEPOWER	16.00	16.90	10.25	5.20
	OUTPUT TORQUE IN. LBS.	580.00	911.00	736.00	562.00
	INPUT O.H.L. ‡	114.00	75.00	125.00	350.00
1150	INPUT HORSEPOWER	11.00	11.30	7.00	3.50
	OUTPUT TORQUE IN. LBS.	600.00	930.00	761.00	571.00
	INPUT O.H.L. ‡	182.00	125.00	200.00	475.00
850	INPUT HORSEPOWER	8.30	8.50	5.25	2.60
	OUTPUT TORQUE IN. LBS.	615.00	941.00	777.00	576.00
	INPUT O.H.L. ‡	211.00	250.00	280.00	575.00
690	INPUT HORSEPOWER	6.80	6.90	4.30	2.10
	OUTPUT TORQUE IN. LBS.	620.00	950.00	788.00	578.00
	INPUT O.H.L. ‡	243.00	325.00	345.00	600.00
400	INPUT HORSEPOWER	4.10	4.10	2.60	1.24
	OUTPUT TORQUE IN. LBS.	645.00	964.00	815.00	586.00
	INPUT O.H.L. ‡	319.00	375.00	500.00	600.00
300	INPUT HORSEPOWER	3.10	3.10	2.00	.94
	OUTPUT TORQUE IN. LBS.	650.00	974.00	829.00	592.00
	INPUT O.H.L. ‡	384.00	475.00	600.00	600.00
100	INPUT HORSEPOWER	1.10	1.05	.70	.32
	OUTPUT TORQUE IN. LBS.	693.00	993.00	876.00	605.00
	INPUT O.H.L. ‡	600.00	600.00	600.00	600.00

† FOR HIGHER INPUT SPEEDS CONSULT FACTORY.

‡ OVERHUNG LOAD IN POUNDS AT CENTER OF SHAFT EXTENSIONS.

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NOTE: STYLE GG

1. DIMENSIONS FOR SHAFTS A, AND A1 ARE IDENTICAL FOR ALL RATIOS.
2. CENTERLINE TO END OF SHAFT DIMENSIONS WILL VARY. REQUEST CERTIFIED DIMENSIONAL PRINTS.

FOR LUBRICATION AND INSTALLATION INSTRUCTIONS - REFER TO SECTION M

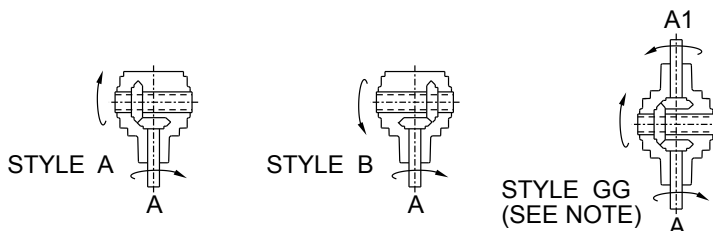
DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

DOWNLOAD AVAILABLE CAD MODELS AT: WWW.HUBCITYINC.COM

DRY SHIPPING WEIGHTS

STYLES A, B.....	.25 lbs.
STYLES GG.....	.36 lbs.

Standard Styles Available



CONSULT FACTORY FOR VERTICAL SHAFT LUBRICATION RECOMMENDATIONS
INPUT SHAFT CAN BE ROTATED IN EITHER DIRECTION