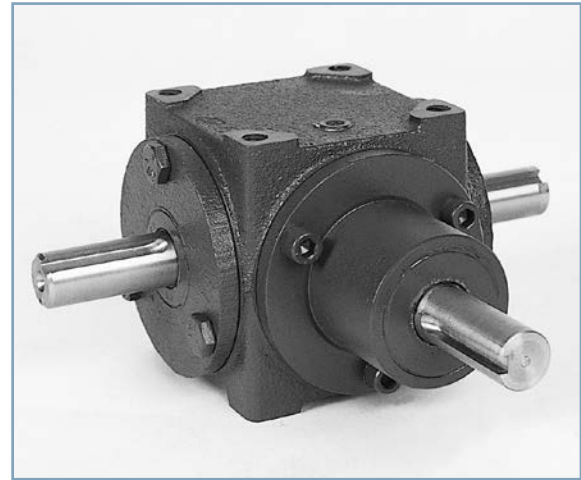


Hub City™ Bevel Gear Drives

Model M3

Features

- Rugged cast iron housing designed for rigid gear and bearing support.
- Alloy shafting for greater strength.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of seven (7) gear ratios.
- Certain ratios available in spiral bevel gearing (SP) for increased power density and low noise at higher operating speeds.
- Heavy-duty industrial seals to keep lubricant in and dirt out.
- Universal mounting assures maximum design flexibility.
- Hub City lubricant recommended. (Refer to section M)
- Metric versions available. (Refer to page D-57)



Rating Table

INPUT RPM†		REDUCTION RATIOS					*INCREASER RATIOS	
		1:1 ST	1:1 SPΔ	1.5:1 ST	2:1 ST	2:1 SPΔ	1:1.5 ST	1:2 ST
3000	INPUT HORSEPOWER		3.59	2.60	1.75	1.77		
	OUTPUT TORQUE IN. LBS.		75.50	82.00	73.00	74.20		
	‡INPUT O.H.L.		25.00	72.00	83.00	30.00		
	‡OUTPUT O.H.L.		70.00	200.00	245.00	100.00		
2400	INPUT HORSEPOWER	3.00	2.95	2.10	1.40	1.45		
	OUTPUT TORQUE IN. LBS.	79.00	77.40	83.00	74.00	76.10		
	‡INPUT O.H.L.	67.00	45.00	85.00	90.00	50.00		
	‡OUTPUT O.H.L.	155.00	105.00	220.00	270.00	135.00		
1750	INPUT HORSEPOWER	2.25	2.19	1.57	1.04	1.07	2.10	
	OUTPUT TORQUE IN. LBS.	81.00	78.70	84.00	75.00	77.20	50.00	
	‡INPUT O.H.L.	88.00	60.00	98.00	102.00	70.00	95.00	
	‡OUTPUT O.H.L.	177.00	150.00	245.00	300.00	180.00	89.00	
1150	INPUT HORSEPOWER	1.50	1.47	1.03	.70	.72	1.40	1.20
	OUTPUT TORQUE IN. LBS.	83.00	80.30	85.00	77.00	78.60	51.00	33.00
	‡INPUT O.H.L.	110.00	90.00	118.00	121.00	95.00	114.00	110.00
	‡OUTPUT O.H.L.	205.00	175.00	290.00	350.00	210.00	104.00	96.00
850	INPUT HORSEPOWER	1.13	1.10	.80	.53	.54	1.05	.92
	OUTPUT TORQUE IN. LBS.	84.00	81.30	88.00	78.00	79.40	51.50	34.00
	‡INPUT O.H.L.	131.00	100.00	137.00	142.00	105.00	134.00	128.00
	‡OUTPUT O.H.L.	240.00	210.00	320.00	382.00	240.00	119.00	111.00
690	INPUT HORSEPOWER	.93	.90	.65	.43	.44	.86	.76
	OUTPUT TORQUE IN. LBS.	85.00	81.90	89.00	80.00	80.00	50.00	34.50
	‡INPUT O.H.L.	137.00	110.00	144.00	148.00	112.00	140.00	136.00
	‡OUTPUT O.H.L.	267.00	230.00	350.00	400.00	270.00	126.00	118.00
400	INPUT HORSEPOWER	.55	.53	.39	.26	.26	.50	.45
	OUTPUT TORQUE IN. LBS.	87.00	83.30	92.00	82.00	81.20	53.00	35.50
	‡INPUT O.H.L.	169.00	125.00	175.00	180.00	138.00	173.00	168.00
	‡OUTPUT O.H.L.	330.00	300.00	400.00	400.00	330.00	157.00	149.00
300	INPUT HORSEPOWER	.42	.40	.30	.20	.19	.40	.34
	OUTPUT TORQUE IN. LBS.	88.00	84.70	95.00	83.00	82.40	56.00	36.00
	‡INPUT O.H.L.	189.00	150.00	190.00	190.00	152.00	190.00	185.00
	‡OUTPUT O.H.L.	378.00	400.00	400.00	400.00	400.00	173.00	164.00
100	INPUT HORSEPOWER	.14	.14	.12	.08	.07	.14	.12
	OUTPUT TORQUE IN. LBS.	90.00	85.80	113.00	100.00	83.20	59.00	38.00
	‡INPUT O.H.L.	190.00	160.00	190.00	190.00	175.00	190.00	190.00
	‡OUTPUT O.H.L.	400.00	400.00	400.00	400.00	400.00	190.00	190.00

† FOR HIGHER INPUT SPEEDS CONSULT FACTORY.

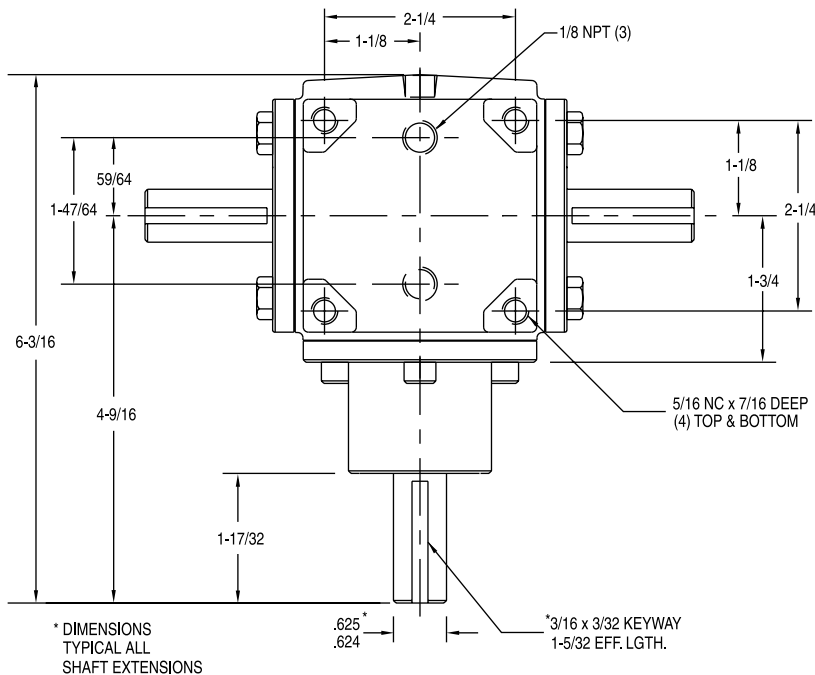
* AVAILABLE IN STYLE "G" ONLY.

‡ OVERHUNG LOAD IN POUNDS AT CENTER OF SHAFT EXTENSIONS.

Δ MFG. TO ORDER - CONSULT FACTORY FOR PRICE AND DELIVERY.

Hub City™ Bevel Gear Drives

Model M3



NOTE: STYLE G & GG

1. DIMENSIONS FOR SHAFTS A, A1, AND A2 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

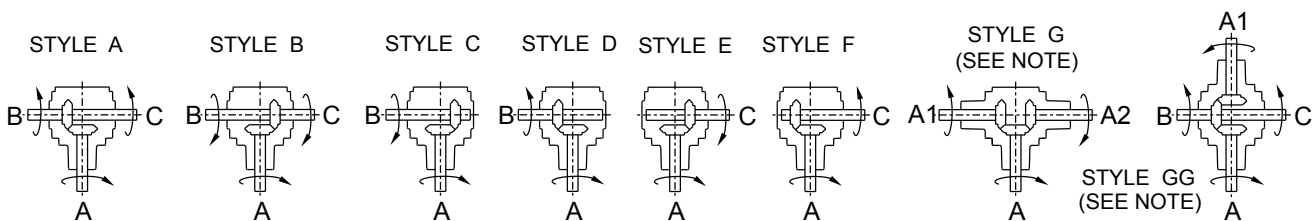
DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

DOWNLOAD AVAILABLE CAD MODELS AT:
WWW.HUBCITYINC.COM

DRY SHIPPING WEIGHTS

STYLES A, B, C, D, E, F.....	10 lbs.
STYLES G.....	12 lbs.
STYLES GG.....	15 lbs.

Standard Styles Available



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