

Hub City™ Bevel Gear Drives

Model 11

Features

- Rugged cast iron housing designed for rigid gear and bearing support.
- Alloy shafting for greater strength.
- Tapered roller bearings for endurance and strength.
- Choice of six (6) 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)
- Available with stainless steel construction made to order.



Rating Table

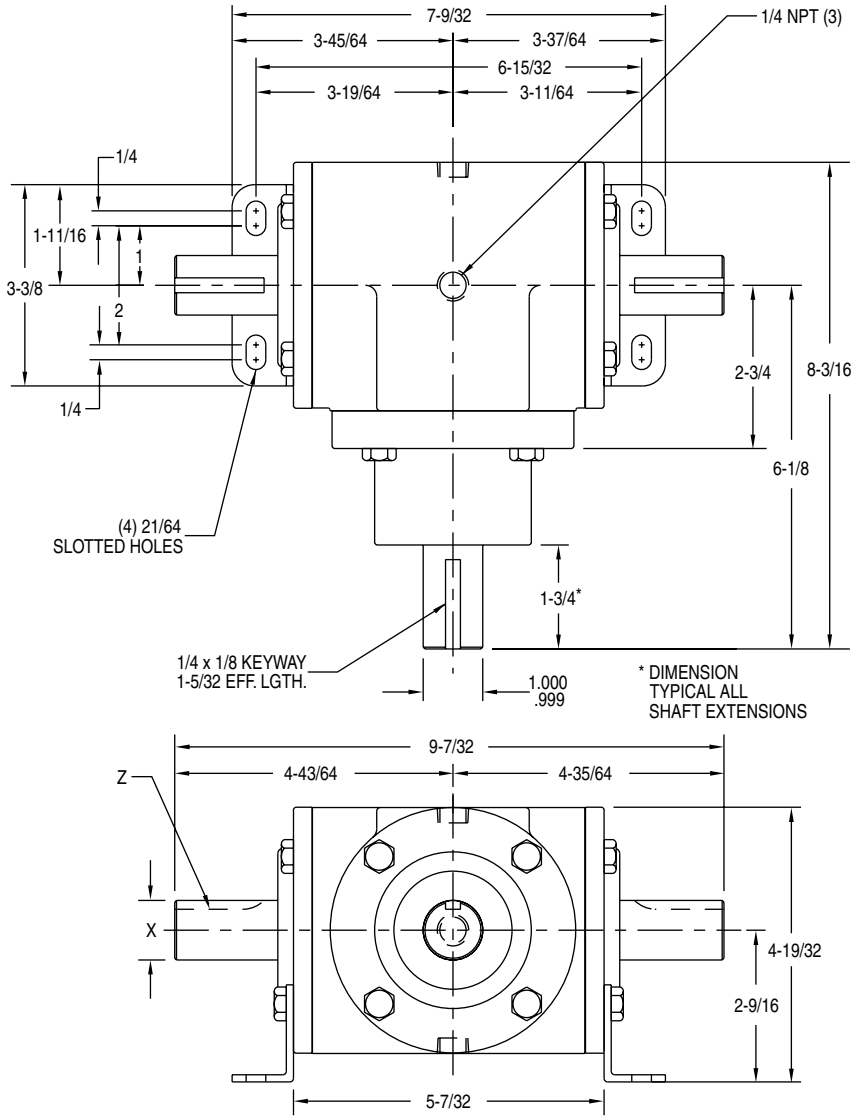
INPUT RPM†		REDUCTION RATIOS				INCREASER RATIOS	
		1:1 ST	1:1 SP	1.47:1 ST	1.8:1 ST	1:1.47 ST	1:1.8 ST
2400	INPUT HORSEPOWER		21.80	8.00	7.30		
	OUTPUT TORQUE IN. LBS.		570.00	315.00	344.00		
	‡INPUT O.H.L.		65.00	248.00	223.00		
	‡OUTPUT O.H.L.		215.00	315.00	420.00		
1750	INPUT HORSEPOWER		16.00	6.10	5.40		
	OUTPUT TORQUE IN. LBS.		580.00	330.00	350.00		
	‡INPUT O.H.L.		80.00	277.00	255.00		
	‡OUTPUT O.H.L.		265.00	345.00	475.00		
1150	INPUT HORSEPOWER	12.00	11.00	4.20	3.60	5.60	5.55
	OUTPUT TORQUE IN. LBS.	660.00	600.00	340.00	355.00	205.00	169.00
	‡INPUT O.H.L.	190.00	93.00	322.00	303.00	261.00	273.00
	‡OUTPUT O.H.L.	280.00	310.00	405.00	545.00	225.00	135.00
850	INPUT HORSEPOWER	9.00	8.30	3.20	2.70	4.20	4.15
	OUTPUT TORQUE IN. LBS.	670.00	615.00	350.00	360.00	208.00	171.00
	‡INPUT O.H.L.	227.00	106.00	349.00	342.00	309.00	312.00
	‡OUTPUT O.H.L.	320.00	355.00	450.00	595.00	225.00	135.00
690	INPUT HORSEPOWER	7.60	6.80	2.60	2.20	3.50	3.40
	OUTPUT TORQUE IN. LBS.	680.00	620.00	360.00	362.00	213.00	173.00
	‡INPUT O.H.L.	248.00	139.00	388.00	371.00	348.00	341.00
	‡OUTPUT O.H.L.	360.00	395.00	495.00	575.00	225.00	135.00
400	INPUT HORSEPOWER	4.40	4.10	1.60	1.30	2.20	2.05
	OUTPUT TORQUE IN. LBS.	700.00	645.00	370.00	370.00	231.00	179.00
	‡INPUT O.H.L.	335.00	175.00	470.00	456.00	430.00	426.00
	‡OUTPUT O.H.L.	430.00	475.00	630.00	770.00	225.00	135.00
300	INPUT HORSEPOWER	3.40	3.10	1.20	1.00	1.70	1.55
	OUTPUT TORQUE IN. LBS.	710.00	650.00	380.00	393.00	238.00	181.00
	‡INPUT O.H.L.	381.00	225.00	523.00	505.00	464.00	475.00
	‡OUTPUT O.H.L.	500.00	550.00	680.00	800.00	225.00	135.00
100	INPUT HORSEPOWER	1.20	1.10	.44	.40	.68	.54
	OUTPUT TORQUE IN. LBS.	730.00	693.00	415.00	456.00	286.00	189.00
	‡INPUT O.H.L.	600.00	445.00	600.00	600.00	600.00	600.00
	‡OUTPUT O.H.L.	740.00	800.00	800.00	800.00	225.00	135.00

† FOR HIGHER INPUT SPEEDS CONSULT FACTORY.

‡ OVERHUNG LOAD IN POUNDS AT CENTER OF SHAFT EXTENSIONS.

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CROSS SHAFT REDUCTION RATIOS				
MODEL NO.	1:1 ST	1:1 SP	1.47:1 ST	1.8:1 ST
DIA. X			1.000 .999	
KEYWAY Z	1/4 x 1/8 x 1-5/32 EFF. LGTH.			

CROSS SHAFT INCREASER RATIOS		
RATIO	1:1.47 ST	1:1.8 ST
DIA. X	.750 .749	.625 .624
KEYWAY Z	3/16 x 3/32 x 1-7/32 EFF. LGTH.	

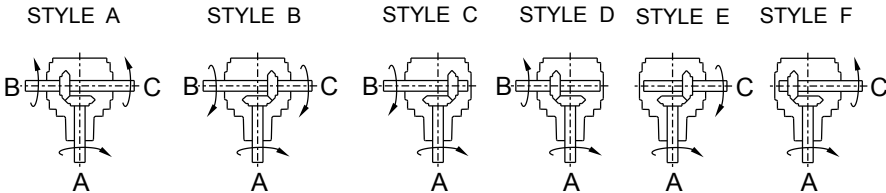
FOR LUBRICATION AND INSTALLATION INSTRUCTIONS -
REFER TO SECTION M

DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

DOWNLOAD AVAILABLE CAD MODELS AT:
WWW.HUBCITYINC.COM

DRY SHIPPING WEIGHT
STYLES A, B, C, D, E, F.....21 lbs.

Standard Styles Available



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