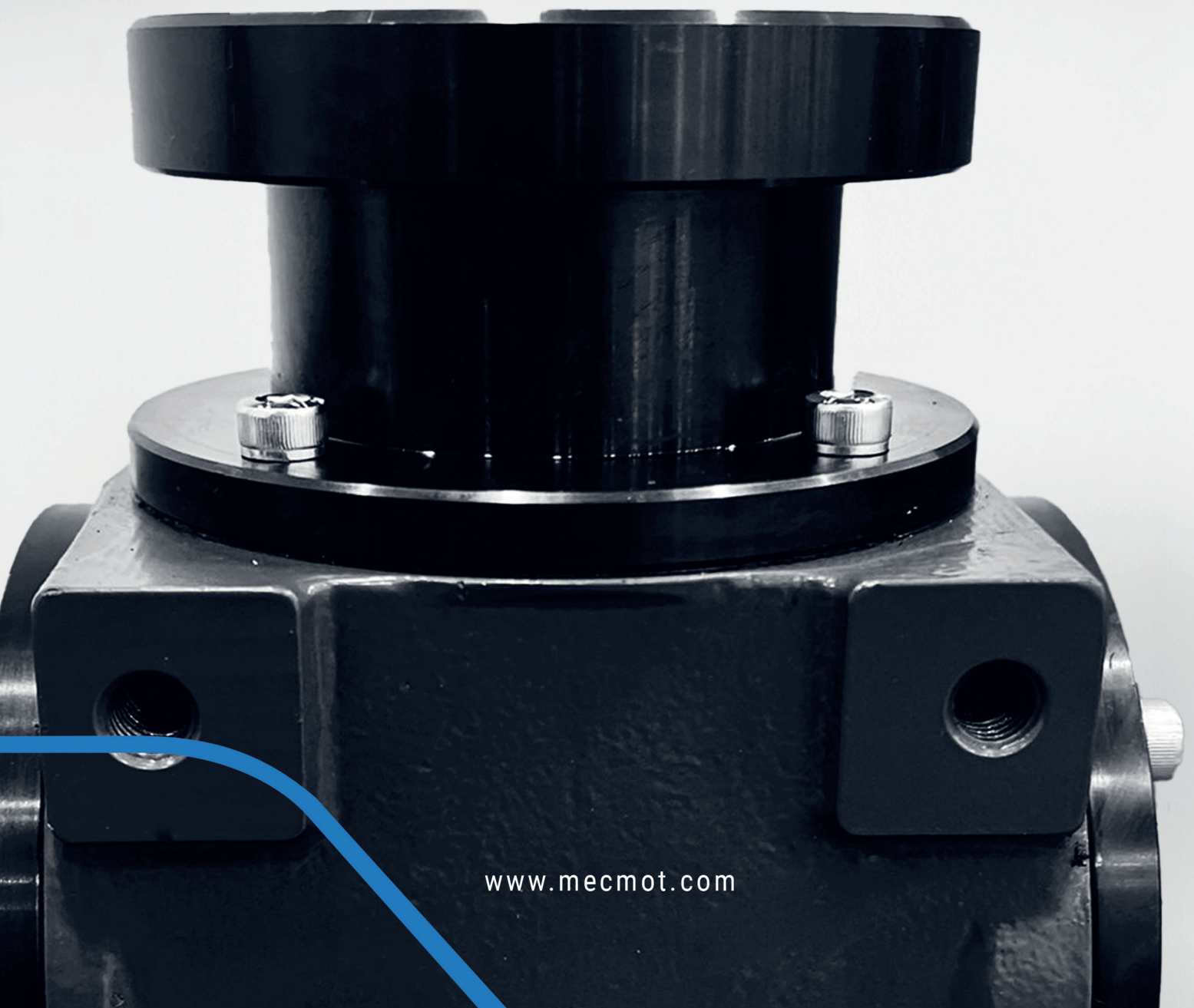
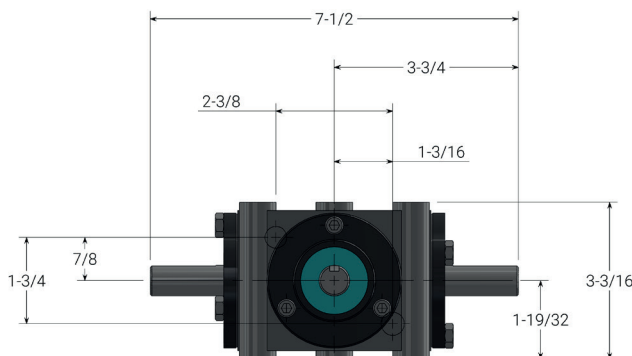
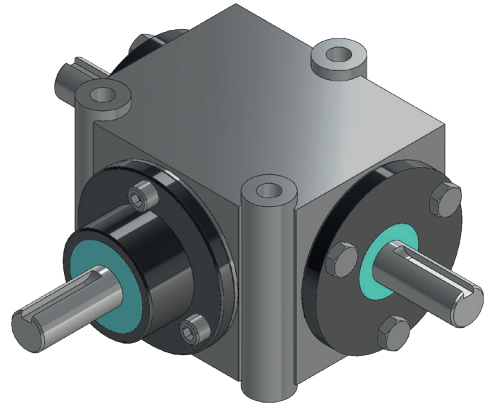
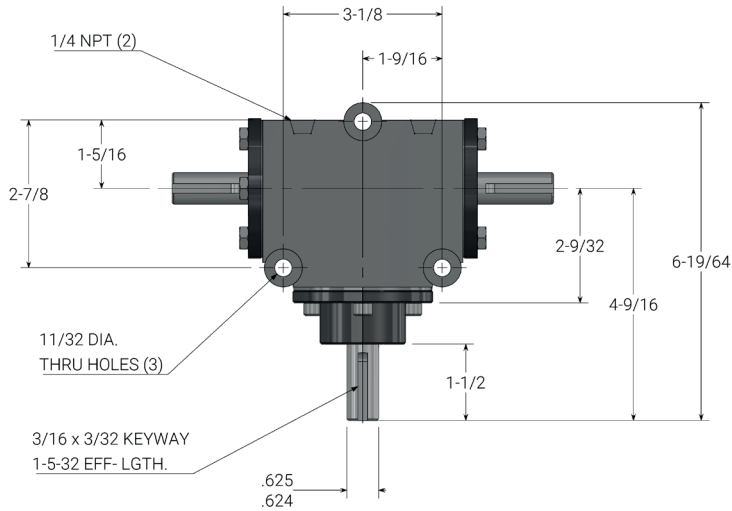


IMPERIAL BEVEL GEARBOX SERIES



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MODEL A1



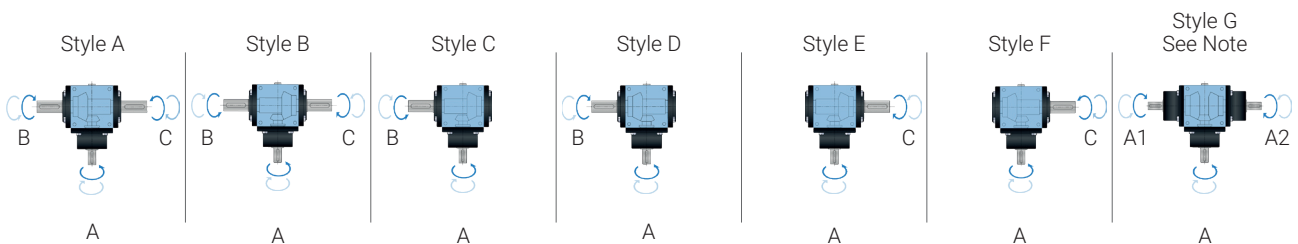
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....9 lbs
Styles G 10 lbs

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A1

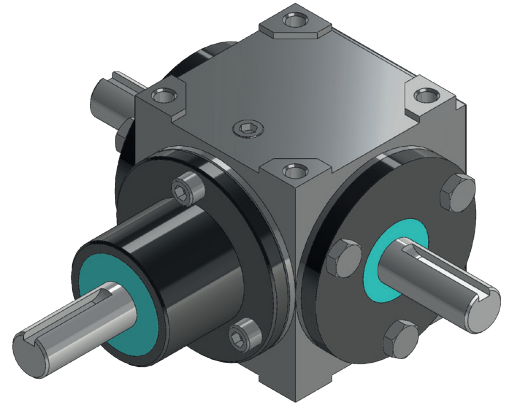
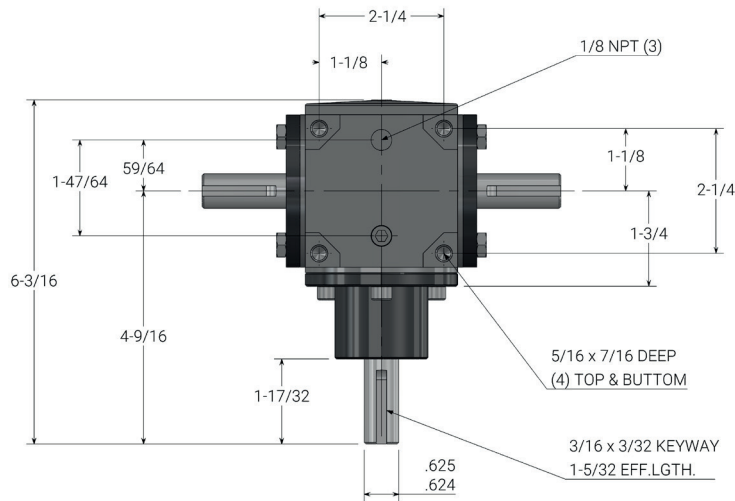
MODEL A1

Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of two (2) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

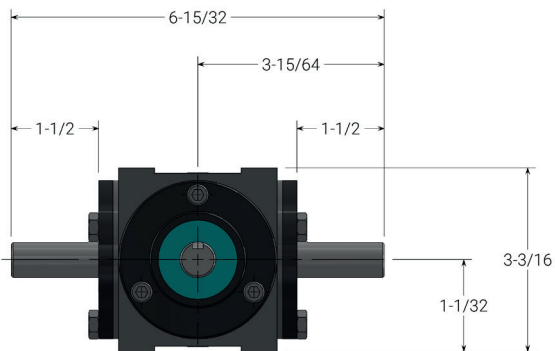
Rating Table			
Input RPM		Reduction Ratios	
		1:1 SP	2:1 SP
3000	Input horsepower	3.59	1.77
	Output torque in LBS.	75.50	74.20
	Input O.H.L.	25.00	30.00
	Output O.H.L.	70.00	100.00
2400	Input horsepower	2.95	1.45
	Output torque in LBS.	77.40	76.10
	Input O.H.L.	45.00	50.00
	Output O.H.L.	105.00	135.00
1750	Input horsepower	2.19	1.07
	Output torque in LBS.	78.70	77.20
	Input O.H.L.	60.00	70.00
	Output O.H.L.	150.00	180.00
1150	Input horsepower	1.47	.72
	Output torque in LBS.	80.30	78.60
	Input O.H.L.	90.00	95.00
	Output O.H.L.	175.00	210.00
850	Input horsepower	1.10	.54
	Output torque in LBS.	81.30	79.40
	Input O.H.L.	100.00	105.00
	Output O.H.L.	210.00	240.00
690	Input horsepower	.90	.44
	Output torque in LBS.	81.90	80.00
	Input O.H.L.	110.00	112.00
	Output O.H.L.	230.00	270.00
400	Input horsepower	.53	.26
	Output torque in LBS.	83.30	81.20
	Input O.H.L.	125.00	138.00
	Output O.H.L.	300.00	330.00
300	Input horsepower	.40	.19
	Output torque in LBS.	84.70	82.40
	Input O.H.L.	150.00	152.00
	Output O.H.L.	400.00	400.00
100	Input horsepower	.14	.07
	Output torque in LBS.	85.80	83.20
	Input O.H.L.	160.00	175.00
	Output O.H.L.	400.00	400.00

MODEL A2



Note: Style G&G

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.



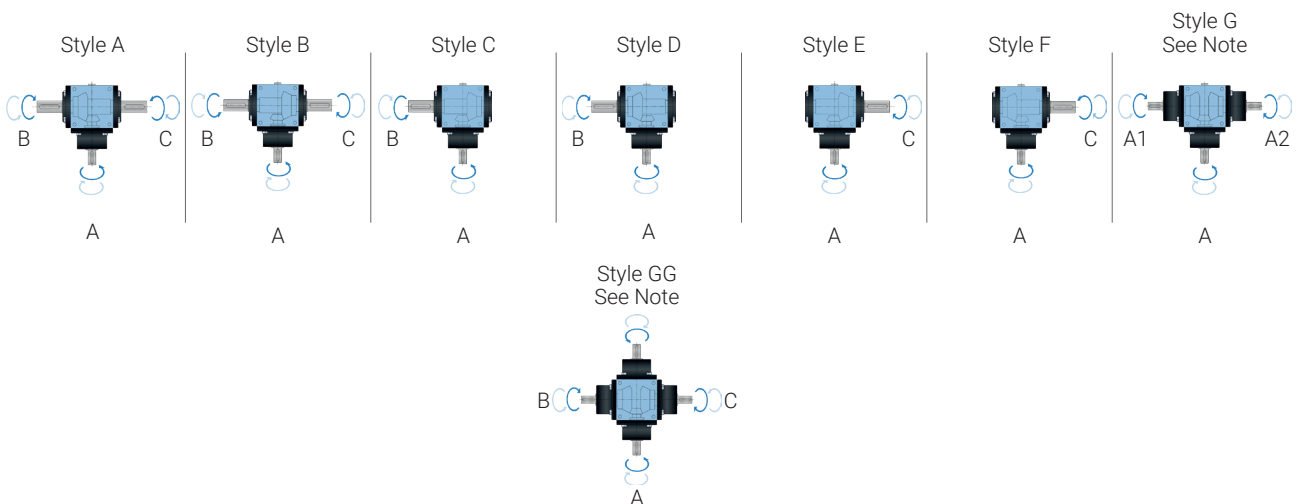
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

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

Standart Styles Avaible



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A2

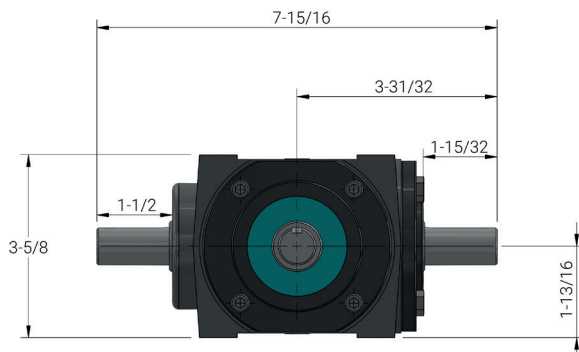
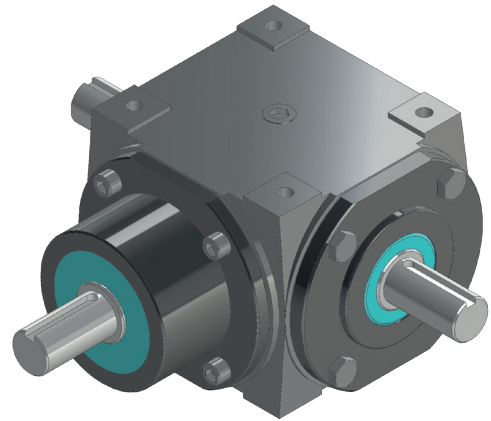
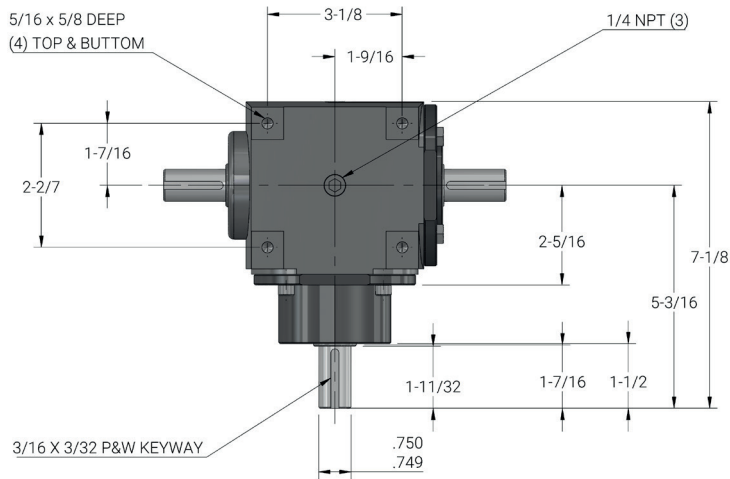
MODEL A2

Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of two (2) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

Rating Table			
Input RPM		Reduction Ratios	
		1:1 SP	2:1 SP
3000	Input horsepower	3.59	1.77
	Output torque in LBS.	75.50	74.20
	Input O.H.L	25.00	30.00
	Output O.H.L	70.00	100.00
2400	Input horsepower	2.95	1.45
	Output torque in LBS.	77.40	76.10
	Input O.H.L	45.00	50.00
	Output O.H.L	105.00	135.00
1750	Input horsepower	2.19	1.07
	Output torque in LBS.	78.70	77.20
	Input O.H.L	60.00	70.00
	Output O.H.L	150.00	180.00
1150	Input horsepower	1.47	.72
	Output torque in LBS.	80.30	78.60
	Input O.H.L	90.00	95.00
	Output O.H.L	175.00	210.00
850	Input horsepower	1.10	.54
	Output torque in LBS.	81.30	79.40
	Input O.H.L	100.00	105.00
	Output O.H.L	210.00	240.00
690	Input horsepower	.90	.44
	Output torque in LBS.	81.90	80.00
	Input O.H.L	110.00	112.00
	Output O.H.L	230.00	270.00
400	Input horsepower	.53	.26
	Output torque in LBS.	83.30	81.20
	Input O.H.L	125.00	138.00
	Output O.H.L	300.00	330.00
300	Input horsepower	.40	.19
	Output torque in LBS.	84.70	82.40
	Input O.H.L	150.00	152.00
	Output O.H.L	400.00	400.00
100	Input horsepower	.14	.07
	Output torque in LBS.	85.80	83.20
	Input O.H.L	160.00	175.00
	Output O.H.L	400.00	400.00

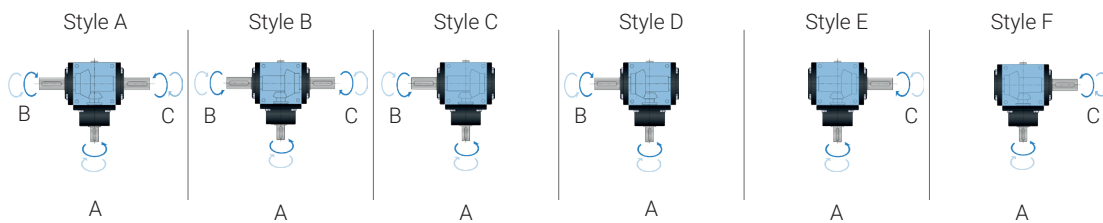
MODEL A3



Dry Shipping Weights

Styles A, B, C, D, E, F.....9 lbs
Styles G 15 lbs

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A3

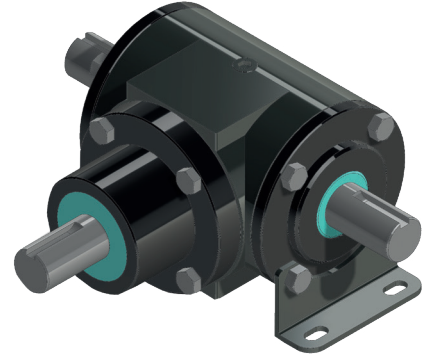
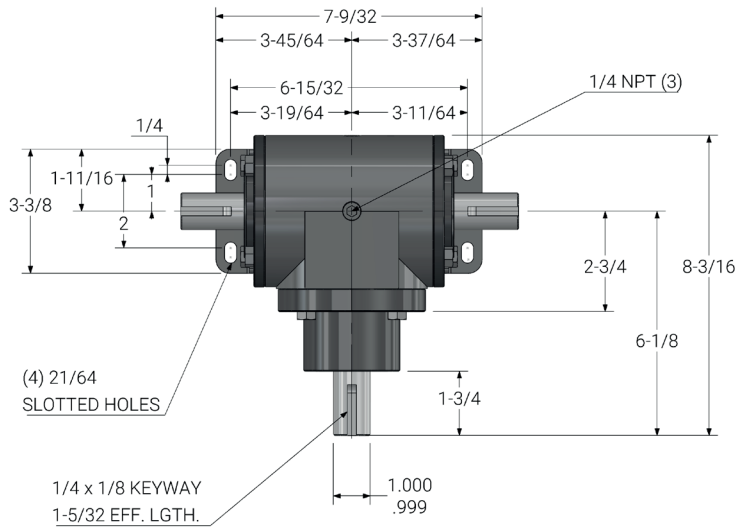
Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of three (3) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

Rating Table

Input RPM		Reduction Ratios		
		1:1 SP	1.5:1 SP	2:1 SP
1750	Input horsepower	19.96	10.05	5.95
	Output torque in LBS.	719	516	429
	Input O.H.L	65	248	359
	Output O.H.L	259	471	600
1150	Input horsepower	13.77	6.89	4.07
	Output torque in LBS.	755	540	446
	Input O.H.L	143	339	445
	Output O.H.L	325	557	600
850	Input horsepower	10.3	5.24	3.08
	Output torque in LBS.	764	555	457
	Input O.H.L	227	415	493
	Output O.H.L	389	600	600
690	Input horsepower	8.36	4.33	2.54
	Output torque in LBS.	764	564	465
	Input O.H.L	298	473	528
	Output O.H.L	440	600	600
400	Input horsepower	4.85	2.61	1.53
	Output torque in LBS.	764	588	482
	Input O.H.L	504	600	600
	Output O.H.L	590	600	600
300	Input horsepower	3.64	2.00	1.17
	Output torque in LBS.	764	600	491
	Input O.H.L	599	600	600
	Output O.H.L	600	600	600
100	Input horsepower	1.21	0.71	0.41
	Output torque in LBS.	764	636	518
	Input O.H.L	600	600	600
	Output O.H.L	600	600	600

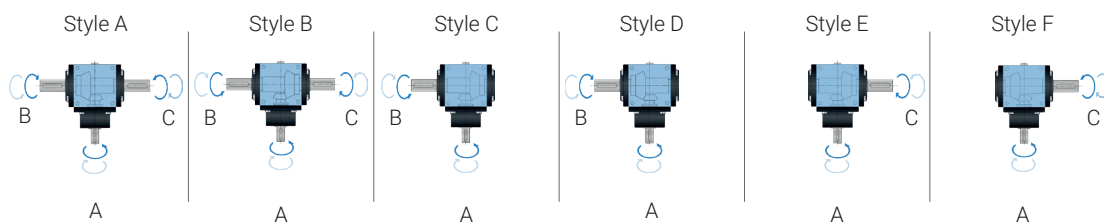
MODEL A0



Dry Shipping Weights

Styles A, B, C, D, E, F.....21 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A0

Features

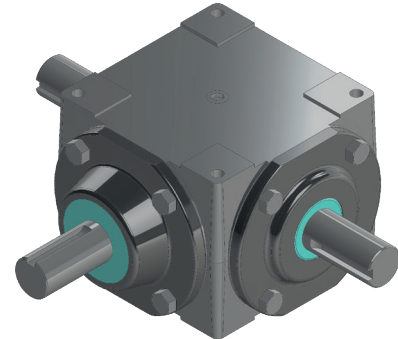
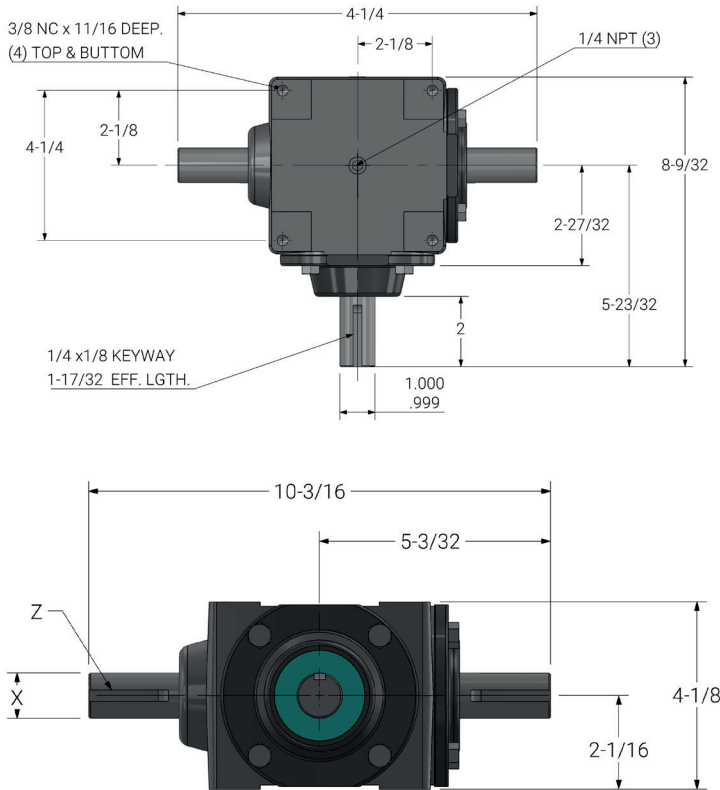
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of one (1) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A0

Rating Table

Input RPM		Reduction Ratios
		1:1 SP
2400	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	21.80 570.00 65.00 215.00
1750	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	16.00 580.00 80.00 265.00
1150	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	11.00 600.00 93.00 310.00
850	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	8.30 615.00 106.00 355.00
690	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	6.80 620.00 139.00 395.00
400	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	4.10 645.00 175.00 475.00
300	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	3.10 650.00 225.00 550.00
100	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	1.10 693.00 445.00 800.00

MODEL A4



Note: Style G&G

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.

Cross Shaft Reduction Ratios

Model No	1:1 ST	1:1 SP	1.5:1 ST	1.5:1 SP	2:1 ST	2:1 SP
DIA. X	1.000 .999					
KEYWAY Z	1/4 x 1/8 x 1-17/32 EFF LGTH					

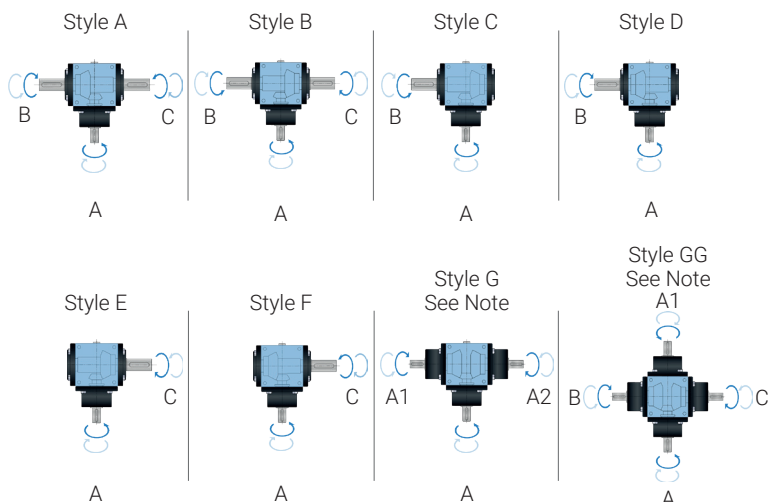
Cross Shaft Increaser Ratios

Ratio	1:1.5 ST	1:1.5 SP	1:2 ST
DIA. X	625** .624	1.000 .999	625** .624
KEYWAY Z	3/16x3/32x 1-19/32 EFF. LGTH.	1/4x1/8x 1-7/32 EFF. LGTH.	3/16x3/32x 1-19/32 EFF. LGTH.

For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

Dry Shipping Weights

Styles A, B, C, D, E, F.....25 lbs.
Styles G 26 lbs.
Styles GG 28 lbs.

MODEL A4

MODEL A4

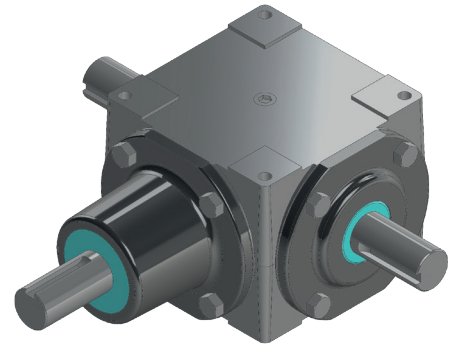
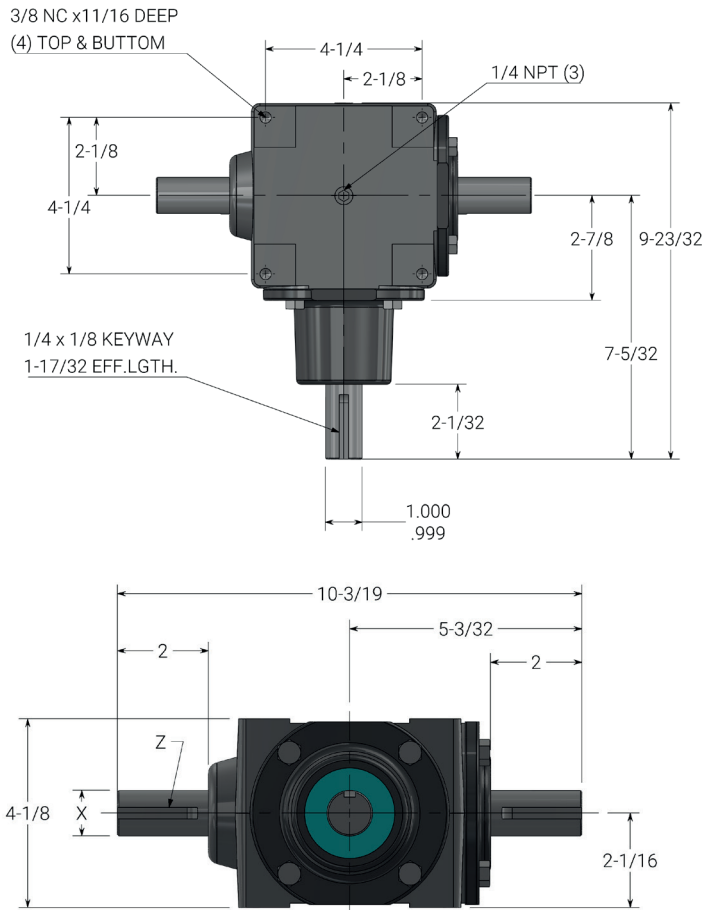
Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

Rating Table

Input RPM		Reduction Ratios			Increaser Ratios
		1:1 SP	1.5:1 SP	2:1 SP	1:1.5 SP
3000	Input horsepower	26.80	28.00		
	Output torque in LBS.	564.00	883.00		
	Input O.H.L	40.00	20.00		
	Output O.H.L	160.00	200.00		
2400	Input horsepower	21.80	22.70	13.65	
	Output torque in LBS.	570.00	895.00	717.00	
	Input O.H.L	86.00	35.00	75.00	
	Output O.H.L	215.00	225.00	600.00	
1750	Input horsepower	16.00	16.90	10.25	24.70
	Output torque in LBS.	580.00	911.00	736.00	593.00
	Input O.H.L	106.00	50.00	100.00	45.00
	Output O.H.L	265.00	275.00	665.00	75.00
1150	Input horsepower	11.00	11.30	7.00	16.70
	Output torque in LBS.	600.00	930.00	761.00	610.00
	Input O.H.L	124.00	75.00	125.00	60.00
	Output O.H.L	310.00	375.00	750.00	90.00
850	Input horsepower	8.30	8.50	5.25	12.50
	Output torque in LBS.	615.00	941.00	777.00	618.00
	Input O.H.L	142.00	150.00	150.00	135.00
	Output O.H.L	355.00	450.00	800.00	110.00
690	Input horsepower	6.80	6.90	4.30	10.20
	Output torque in LBS.	620.00	950.00	788.00	621.00
	Input O.H.L	158.00	160.00	160.00	150.00
	Output O.H.L	395.00	500.00	800.00	125.00
400	Input horsepower	4.10	4.10	2.60	6.00
	Output torque in LBS.	645.00	964.00	815.00	630.00
	Input O.H.L	190.00	200.00	270.00	195.00
	Output O.H.L	475.00	650.00	800.00	135.00
300	Input horsepower	3.10	3.10	2.00	4.60
	Output torque in LBS.	650.00	974.00	829.00	640.00
	Input O.H.L	220.00	225.00	370.00	237.00
	Output O.H.L	550.00	750.00	800.00	135.00
100	Input horsepower	1.10	1.05	.70	1.60
	Output torque in LBS.	693.00	993.00	876.00	672.00
	Input O.H.L	332.00	350.00	600.00	325.00
	Output O.H.L	800.00	800.00	800.00	135.00

MODEL A5



Note: Style G&G

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.

Cross Shaft Reduction Ratios							
Model No	1:1 ST	1:1 SP	1.5:1 ST	1.5:1 SP	2:1 ST	2:1 SP	3:1 SP
DIA. X	$\frac{1.000}{.999}$						
KEYWAY Z	1/4 x 1/8 x1-5/32 EFF. LGTH.						

Cross Shaft Increaser Ratios				
RATIO	1:1.5 ST	1:1.5 SP	1:2 ST	1:2 SP
DIA. X	.625** .624	1.000 .999	.625** .624	
KEYWAY Z	3/16x3/32x 1-19/32 FFF LGTH	1/4x1/8x 1-7/32 FFF LGTH	3/16x3/32x 1-19/32 FFF LGTH	

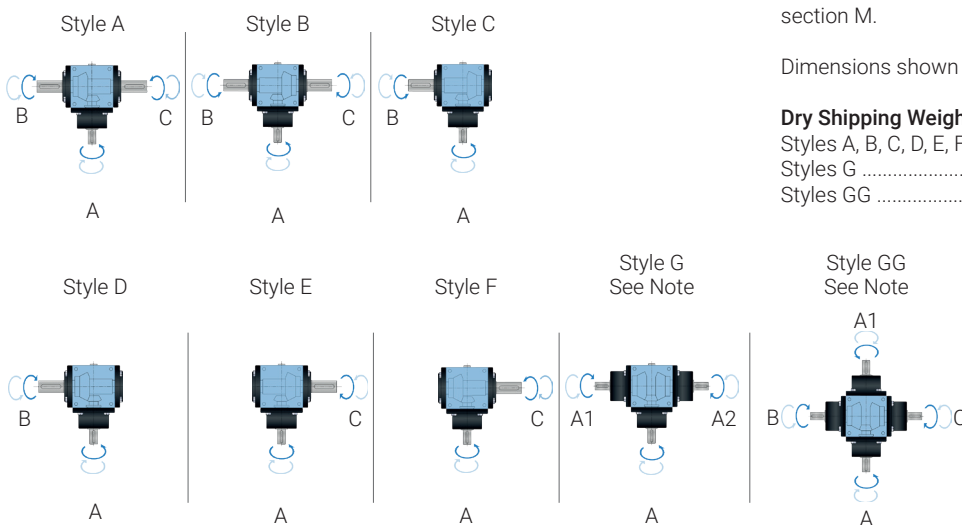
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....25 lbs.
 Styles G 26 lbs.
 Styles GG 28 lbs.

Standart Styles Avaible



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A5

Features

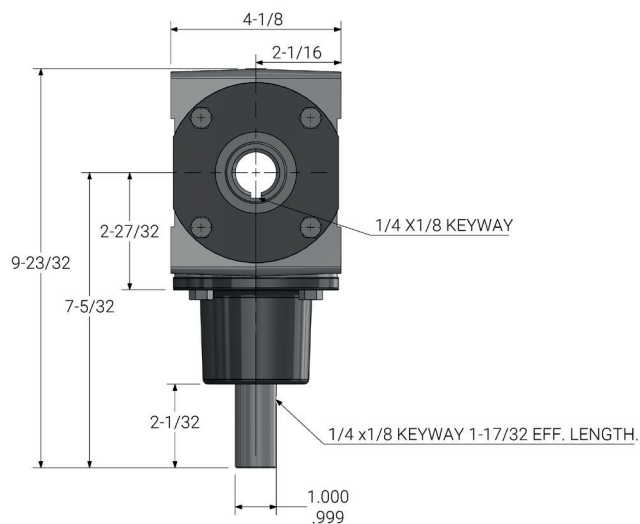
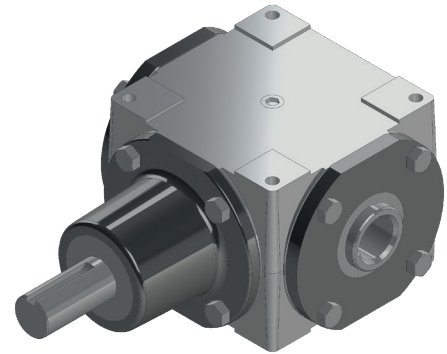
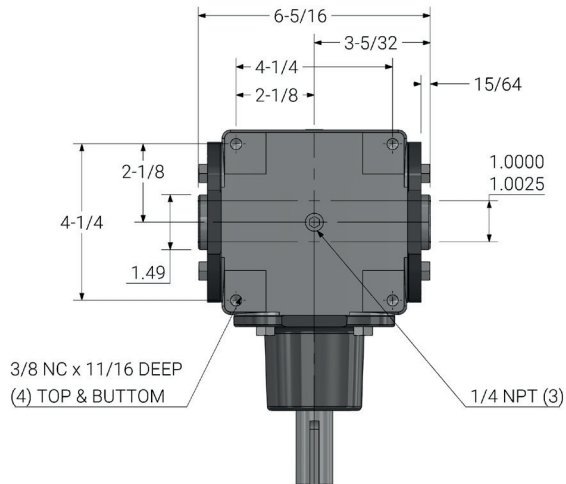
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of six (6) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A5

Rating Table

Input RPM		Reduction Ratios				Increaser Ratios	
		1:1 SP	1.5:1 SP	2:1 SP	3:1 SP	1:1.5 SP	1:2 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		
	Output O.H.L	160.00	200.00	500.00	625.00		
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		
	Output O.H.L	215.00	225.00	600.00	700.00		
1750	Input horsepower	16.00	16.90	10.25	5.20	24.70	
	Output torque in LBS.	580.00	911.00	736.00	562.00	593.00	
	Input O.H.L	114.00	75.00	125.00	350.00	60.00	
	Output O.H.L	265.00	275.00	665.00	775.00	75.00	
1150	Input horsepower	11.00	11.30	7.00	3.50	16.70	13.44
	Output torque in LBS.	600.00	930.00	761.00	571.00	610.00	368.00
	Input O.H.L	182.00	125.00	200.00	475.00	115.00	80.00
	Output O.H.L	310.00	375.00	750.00	800.00	90.00	135.00
850	Input horsepower	8.30	8.50	5.25	2.60	12.50	10.20
	Output torque in LBS.	615.00	941.00	777.00	576.00	618.00	377.00
	Input O.H.L	211.00	250.00	280.00	575.00	225.00	150.00
	Output O.H.L	355.00	450.00	800.00	800.00	110.00	135.00
690	Input horsepower	6.80	6.90	4.30	2.10	10.20	8.40
	Output torque in LBS.	620.00	950.00	788.00	578.00	621.00	383.00
	Input O.H.L	243.00	325.00	345.00	600.00	290.00	210.00
	Output O.H.L	395.00	500.00	800.00	800.00	125.00	135.00
400	Input horsepower	4.10	4.10	2.60	1.24	6.00	5.06
	Output torque in LBS.	645.00	964.00	815.00	586.00	630.00	398.00
	Input O.H.L	319.00	375.00	500.00	600.00	345.00	400.00
	Output O.H.L	475.00	650.00	800.00	800.00	135.00	135.00
300	Input horsepower	3.10	3.10	2.00	.94	4.60	3.87
	Output torque in LBS.	650.00	974.00	829.00	592.00	644.00	406.00
	Input O.H.L	384.00	475.00	600.00	600.00	425.00	500.00
	Output O.H.L	550.00	750.00	800.00	800.00	135.00	135.00
100	Input horsepower	1.10	1.05	.70	.32	1.60	1.37
	Output torque in LBS.	693.00	993.00	876.00	605.00	672.00	433.00
	Input O.H.L	600.00	600.00	600.00	600.00	600.00	600.00
	Output O.H.L	800.00	800.00	800.00	800.00	135.00	135.00

MODEL A50



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.

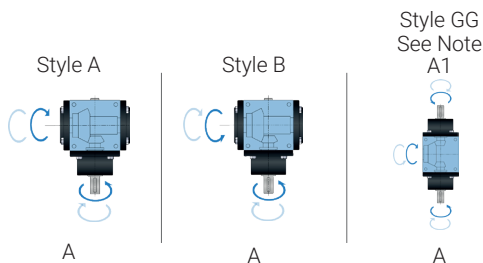
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

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

Standart Styles Avaible



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A50

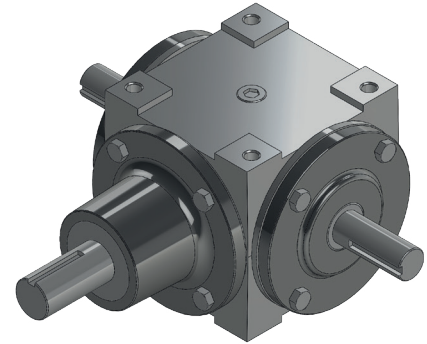
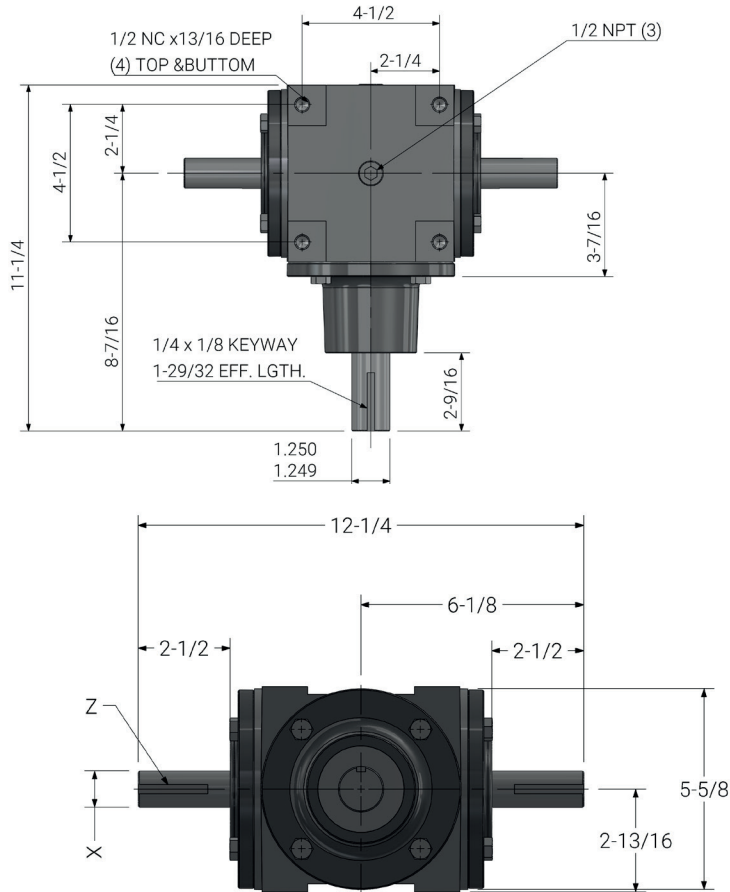
Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				
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
	Output O.H.L				

MODEL A6



Note: Style G&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.

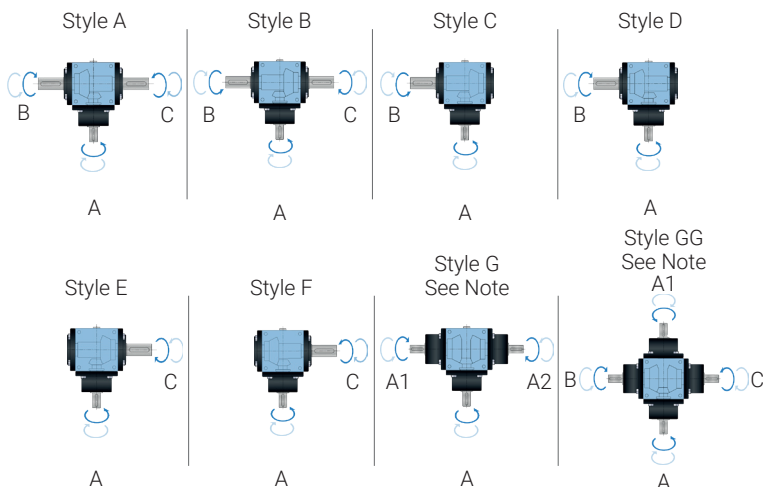
Cross Shaft Reduction Ratios

Model No	1:1 ST	1:1 SP	1.5:1 ST	1.53:1 SP	2:1 ST	2:1 SP	3:1 SP
DIA. X	1.250 1.249						
KEYWAY Z	1/4 x 1/8 x1-29/32 EFF. LGTH.						

Cross Shaft Increaser Ratios

Ratio	1:1.5 ST	1:1.5 SP	1:2 ST	1:2 SP
DIA. X	1.250 1.249	1.125 1.124	1.000 .999	1.000 .999
KEYWAY Z	1/4 x 1/8 x1-29/32 EFF. LGTH.			

Standart Styles Available



For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....43 lbs.
Styles G.....53 lbs.
Styles GG.....65 lbs.

Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A6

Features

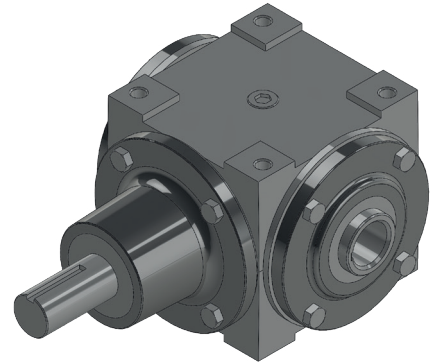
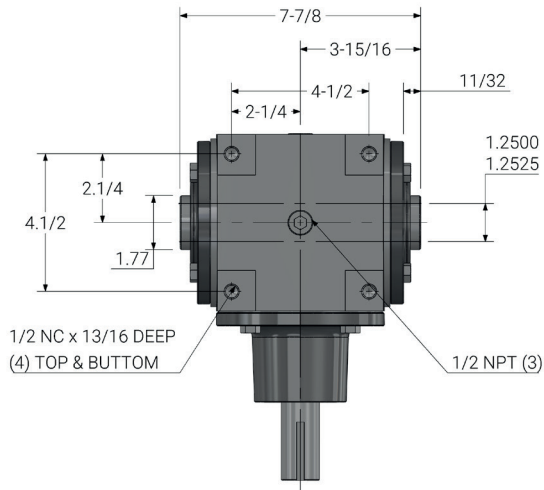
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of six (6) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A6

Rating Table

Input RPM		Reduction Ratios				Increaser Ratios	
		1:1 SP	1.53:1 SP	2:1 SP	3:1 SP	1:1.53 SP	1:2 SP
3000	Input horsepower		56.00	25.50	15.40		
	Output torque in LBS.		1765.00	1072.00	951.00		
	Input O.H.L		38.00	100.00	35.00		
	Output O.H.L		80.00	725.00	100.00		
2400	Input horsepower	59.00	46.00	20.67	12.50	64.00	
	Output torque in LBS.	1550.00	1810.00	1085.00	961.00	1120.00	
	Input O.H.L	30.00	59.00	125.00	45.00	42.00	
	Output O.H.L	65.00	100.00	800.00	225.00	68.00	
1750	Input horsepower	46.00	35.00	15.40	9.20	49.00	
	Output torque in LBS.	1650.00	1887.00	1112.00	975.00	1180.00	
	Input O.H.L	62.00	97.00	225.00	85.00	79.00	
	Output O.H.L	100.00	140.00	900.00	350.00	140.00	
1150	Input horsepower	30.50	23.00	10.30	6.15	34.50	19.90
	Output torque in LBS.	1670.00	1930.00	1125.70	989.00	1260.00	545.00
	Input O.H.L	109.00	133.00	400.00	100.00	102.00	325.00
	Output O.H.L	160.00	190.00	1075.00	500.00	149.00	300.00
850	Input horsepower	24.00	18.00	7.68	4.60	26.50	15.00
	Output torque in LBS.	1790.00	2000.00	1139.00	998.00	1310.00	556.00
	Input O.H.L	143.00	161.00	525.00	195.00	142.00	450.00
	Output O.H.L	210.00	230.00	1080.00	750.00	178.00	350.00
690	Input horsepower	20.00	15.00	6.28	3.75	21.80	12.30
	Output torque in LBS.	1830.00	2050.00	1147.00	1009.00	1330.00	562.00
	Input O.H.L	178.00	217.00	600.00	215.00	212.00	500.00
	Output O.H.L	250.00	270.00	1080.00	800.00	307.00	400.00
300	Input horsepower	10.00	7.00	2.80	1.65	10.00	5.50
	Output torque in LBS.	2100.00	2205.00	1177.00	1031.00	1400.00	578.00
	Input O.H.L	312.00	421.00	900.00	550.00	370.00	875.00
	Output O.H.L	420.00	425.00	1080.00	1080.00	393.00	400.00
100	Input horsepower	3.70	3.00	.95	.55	3.50	1.88
	Output torque in LBS.	2330.00	2835.00	1198.00	1056.00	1470.00	592.00
	Input O.H.L	493.00	611.00	900.00	800.00	420.00	900.00
	Output O.H.L	685.00	685.00	1080.00	1080.00	620.00	400.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE	5.42	4.04	2.17	1.24	9.39	8.31
	A, B	5.21	3.96	2.12	1.22	9.08	7.98
	C, D, E, F	7.45	6.27	3.19	1.68	12.28	12.24
	G	7.90	5.47	3.08	1.97	15.04	13.23
WR2 (Lb In 2) referred to low speed shaft.	A, B	5.42	9.42	8.67	11.17	4.03	2.08
	C, D, E, F	5.21	9.22	8.46	10.96	3.90	1.99
	G	7.45	14.62	12.77	15.16	5.27	3.06
	GG	7.90	12.74	12.33	17.70	6.46	3.31

MODEL A60



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.

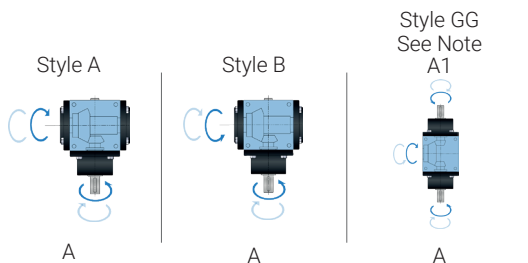
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B.....48 lbs.
Styles GG.. 68 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A60

Features

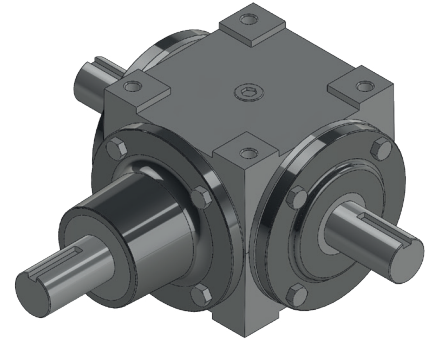
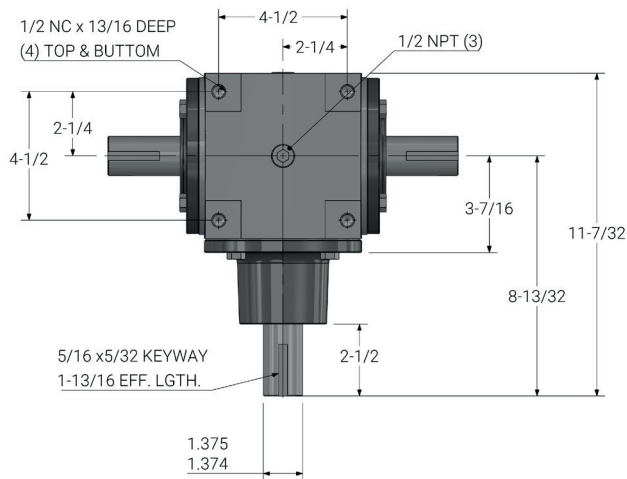
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A60

Rating Table

Input RPM		Reduction Ratios			
		1:1 SP	1.53:1 SP	2:1 SP	3:1 SP
3000	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L		56.00 1765.00 38.00	25.50 1072.00 100.00	15.40 951.00 35.00
2400	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	59.00 1550.00 30.00	46.00 1810.00 59.00	20.67 1085.00 125.00	12.50 961.00 45.00
1750	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	46.00 1650.00 62.00	35.00 1887.00 97.00	15.40 1112.10 225.00	9.20 975.00 85.00
1150	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	30.50 1670.00 109.00	23.00 1930.00 133.00	10.30 1125.70 400.00	6.15 989.00 100.00
850	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	24.00 1790.00 143.00	18.00 2000.00 161.00	7.68 1139.00 525.00	4.60 998.00 195.00
690	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	20.00 1830.00 178.00	15.00 2050.00 217.00	6.28 1147.00 600.00	3.75 1009.00 215.00
400	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	13.00 2050.00 254.00	9.20 2170.00 283.00	3.71 1169.00 875.00	2.20 1028.00 450.00
300	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	10.00 2100.00 312.00	7.00 2205.00 421.00	2.80 1177.00 900.00	1.65 1031.00 550.00
100	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	3.70 2330.00 493.00	3.00 2835.00 611.00	.95 1198.00 900.00	.55 1056.00 800.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE A, B GG	7.53 10.31	4.65 6.08	2.58 3.52	1.60 2.39
WR2 (Lb In 2) referred to low speed shaft.	A, B GG	7.53 10.31	10.88 14.22	10.31 14.09	14.43 21.50

MODEL A600



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.

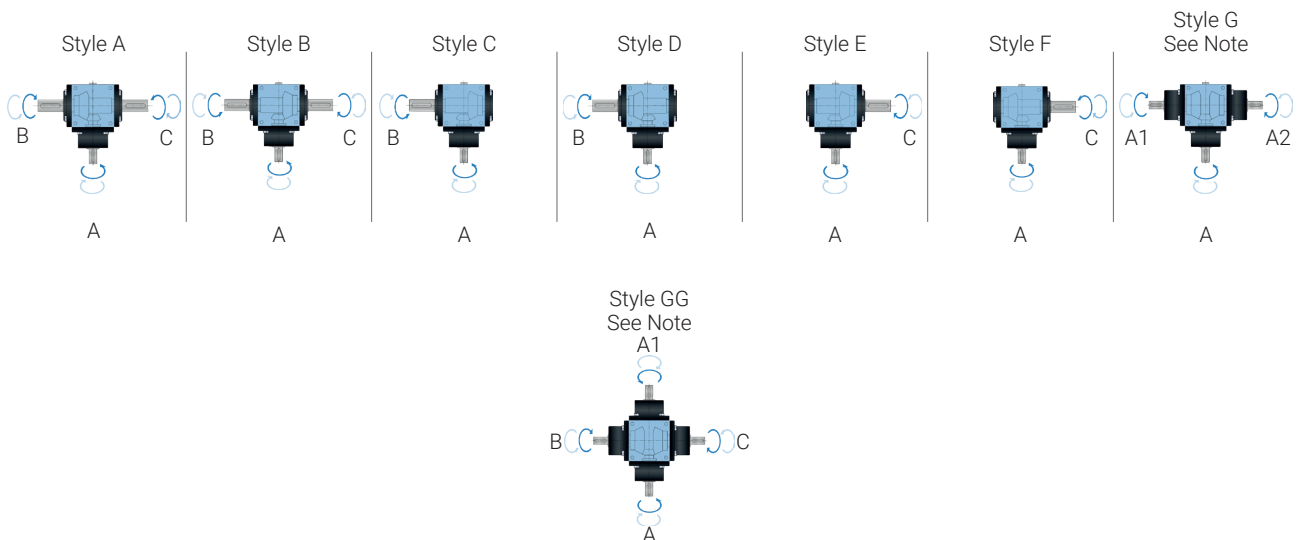
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F... 48 lbs.
 Styles G... 60 lbs.
 Styles GG... 68 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A600

Features

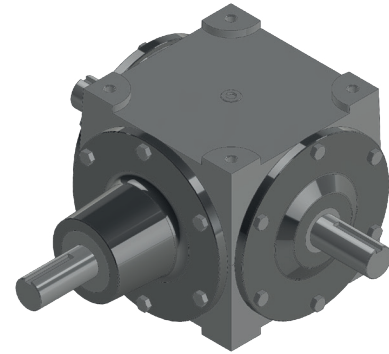
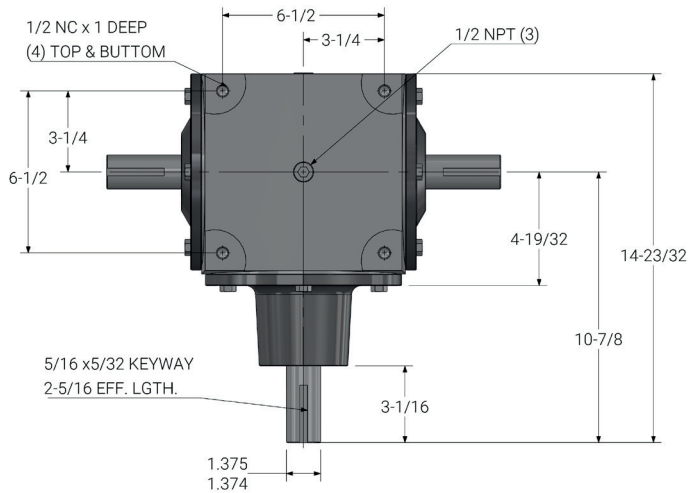
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of six (6) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A600

Rating Table

Input RPM		Reduction Ratios				Increaser Ratios	
		1:1 SP	1.29:1 SP	1.5:1 ST	2:1 ST	1:1.29 SP	1:1.2 SP
2400	Input horsepower	59.00	46.30			52.30	55.70
	Output torque in LBS.	1550.00	1570.00			1063.00	1221.00
	Input O.H.L.	30.00	95.00			28.00	30.00
	Output O.H.L.	65.00	110.00			64.00	59.00
1750	Input horsepower	46.00	34.70	15.00	7.30	39.30	41.90
	Output torque in LBS.	1650.00	1610.00	810.00	525.00	1095.00	1258.00
	Input O.H.L.	62.00	129.00	351.00	459.00	58.00	50.00
	Output O.H.L.	100.00	130.00	300.00	330.00	111.00	96.00
1150	Input horsepower	30.50	23.60	10.60	5.40	26.70	28.00
	Output torque in LBS.	1670.00	1660.00	870.00	591.00	1133.00	129.80
	Input O.H.L.	109.00	199.00	446.00	521.00	102.00	97.00
	Output O.H.L.	160.00	190.00	340.00	380.00	178.00	148.00
850	Input horsepower	24.00	17.80	8.20	4.50	20.10	21.30
	Output torque in LBS.	1790.00	1700.00	910.00	667.00	1158.00	1317.00
	Input O.H.L.	143.00	253.00	524.00	567.00	137.00	117.00
	Output O.H.L.	210.00	275.00	400.00	440.00	233.00	191.00
690	Input horsepower	20.00	14.60	7.10	3.90	16.60	17.66
	Output torque in LBS.	1830.00	1720.00	970.00	712.00	1174.00	1344.00
	Input O.H.L.	178.00	433.00	558.00	603.00	168.00	143.00
	Output O.H.L.	250.00	452.00	445.00	465.00	292.00	265.00
400	Input horsepower	13.00	8.68	4.60	2.40	9.90	10.54
	Output torque in LBS.	2050.00	1760.00	1000.00	733.00	1211.00	1385.00
	Input O.H.L.	254.00	544.00	725.00	719.00	241.00	216.00
	Output O.H.L.	350.00	563.00	578.00	572.00	415.00	356.00
300	Input horsepower	10.00	6.58	3.50	1.80	7.50	7.95
	Output torque in LBS.	2100.00	1780.00	1100.00	756.00	1228.00	1392.00
	Input O.H.L.	312.00	605.00	744.00	806.00	301.00	284.00
	Output O.H.L.	420.00	628.00	645.00	715.00	462.00	411.00
100	Input horsepower	3.70	2.27	1.40	.70	2.60	2.78
	Output torque in LBS.	2330.00	1850.00	1320.00	882.00	1278.00	1461.00
	Input O.H.L.	493.00	817.00	900.00	900.00	462.00	423.00
	Output O.H.L.	685.00	850.00	965.00	1080.00	710.00	630.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE	7.49	5.69	3.10	1.87	9.88	9.03
	A, B	7.19	5.51	3.00	1.82	9.39	8.61
	C, D, E, F	10.27	8.26	4.43	2.59	12.73	11.95
	G, GG	10.91	7.27	4.46	2.81	14.80	13.32
WR2 (Lb In 2) referred to low speed shaft.	A, B	7.49	9.46	6.97	7.50	5.94	6.27
	C, D, E, F	7.19	9.16	6.76	7.29	5.64	5.98
	G, GG	10.27	13.74	9.96	10.35	7.65	8.30
		10.91	12.10	10.03	11.22	8.90	9.25

MODEL A7



Note: Style G&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.

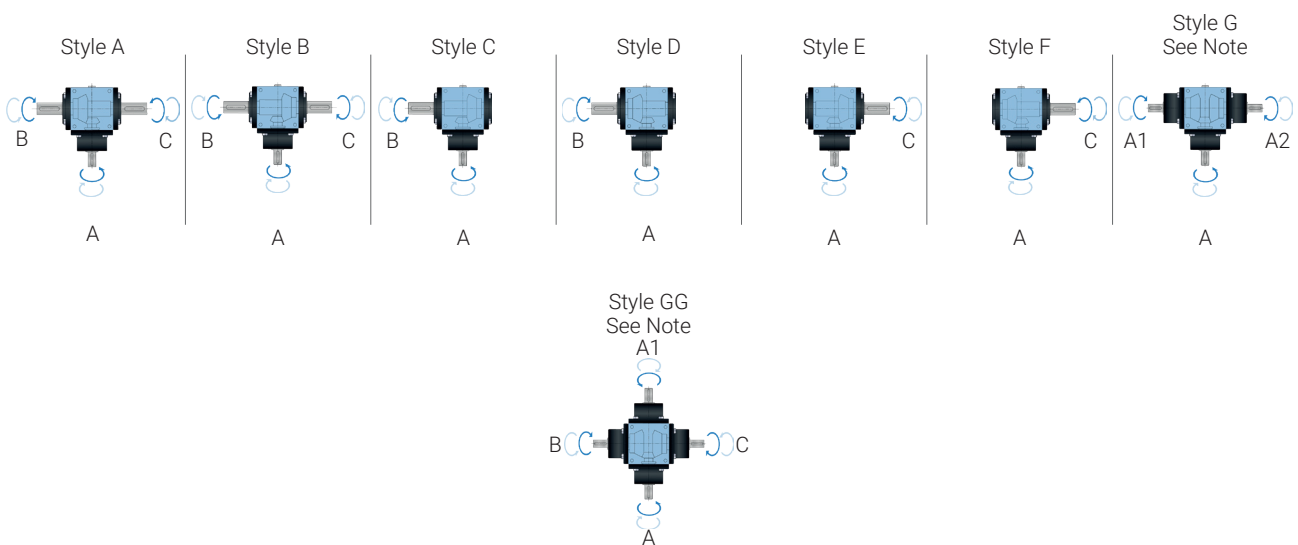
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....88 lbs.
Styles G.....100 lbs.
Styles GG.....112 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A7

Features

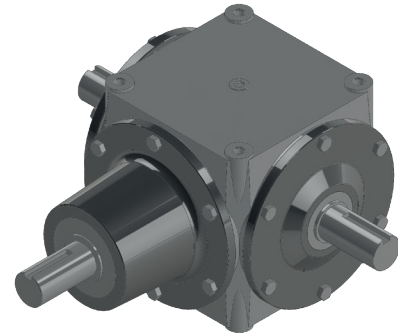
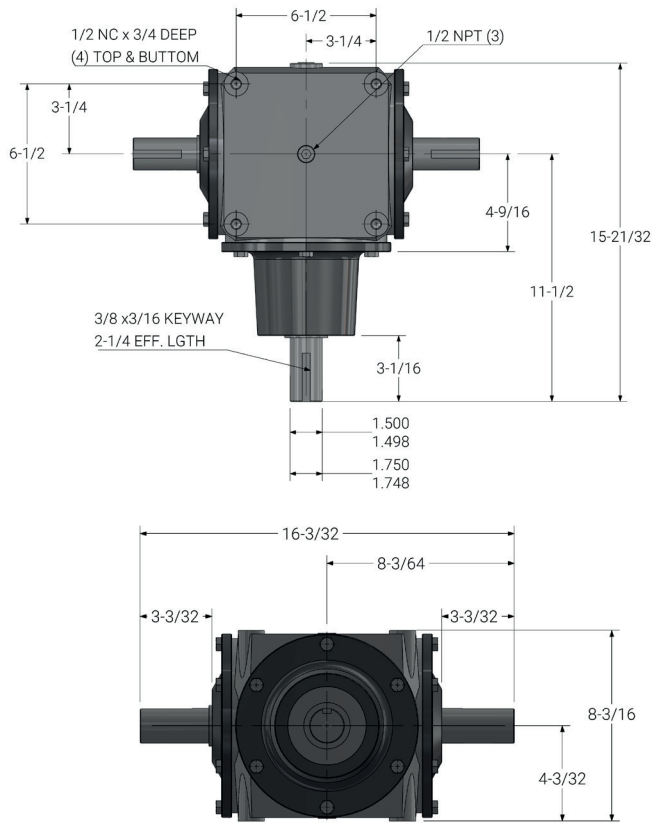
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of six (6) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A7

Rating Table

Input RPM		Reduction Ratios				Increaser Ratios	
		1:1 SP	1.5:1 SP	2:1 SP	3:1 SP	1:1.5 SP	1:2 SP
1750	Input horsepower	90.00	69.00	56.00	30.69		
	Output torque in LBS.	3240.00	3720.00	4070.00	3316.00		
	Input O.H.L	35.00	97.00	85.00	65.00		
	Output O.H.L	320.00	475.00	225.00	400.00		
1150	Input horsepower	63.00	47.00	38.00	20.55	68.00	73.00
	Output torque in LBS.	3450.00	3860.00	4169.00	3378.70	2480.00	2000.00
	Input O.H.L	202.00	216.00	150.00	175.00	152.00	115.00
	Output O.H.L	370.00	600.00	275.00	525.00	219.00	210.00
850	Input horsepower	48.00	35.70	29.00	15.39	51.00	55.00
	Output torque in LBS.	3558.00	3970.00	4230.00	3423.40	2520.00	2039.00
	Input O.H.L	243.00	234.00	185.00	200.00	176.00	145.00
	Output O.H.L	410.00	625.00	350.00	620.00	252.00	225.00
690	Input horsepower	39.50	29.50	23.00	12.59	42.50	45.00
	Output torque in LBS.	3607.00	4040.00	4267.00	3449.90	2585.00	2055.00
	Input O.H.L	308.00	329.00	235.00	240.00	247.00	175.00
	Output O.H.L	475.00	710.00	400.00	700.00	356.00	275.00
400	Input horsepower	23.50	17.60	13.80	7.43	26.00	27.00
	Output torque in LBS.	3702.00	4160.00	4356.00	3512.00	2730.00	2127.00
	Input O.H.L	429.00	546.00	325.00	330.00	396.00	244.00
	Output O.H.L	590.00	930.00	635.00	825.00	498.00	500.00
300	Input horsepower	18.00	13.50	10.50	5.62	20.00	20.00
	Output torque in LBS.	3780.00	4250.00	4394.00	3542.00	2790.00	2101.00
	Input O.H.L	486.00	631.00	365.00	420.00	452.00	275.00
	Output O.H.L	655.00	1020.00	875.00	925.00	514.00	625.00
100	Input horsepower	6.50	4.80	3.60	1.91	7.10	7.00
	Output torque in LBS.	4095.00	4440.00	4511.00	3611.30	2980.00	2206.00
	Input O.H.L	843.00	1120.00	650.00	850.00	608.00	500.00
	Output O.H.L	1100.00	1500.00	1200.00	1365.00	829.00	900.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE	45.53	22.28	10.50	4.67	51.04	44.27
	A, B	45.15	22.11	10.40	4.63	50.22	42.81
	C, D, E, F	66.96	35.61	17.08	7.44	67.46	54.50
	G GG	67.79	31.14	14.48	6.49	85.97	71.85
WR2 (Lb In 2) referred to low speed shaft.	A, B	45.53	50.12	41.99	42.01	22.69	11.07
	C, D, E, F	45.15	49.75	41.61	41.64	22.32	10.70
	G	66.96	80.13	68.31	66.93	29.98	13.62
	GG	67.79	70.06	57.92	58.41	38.21	17.96

MODEL A70



Note: Style G&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.

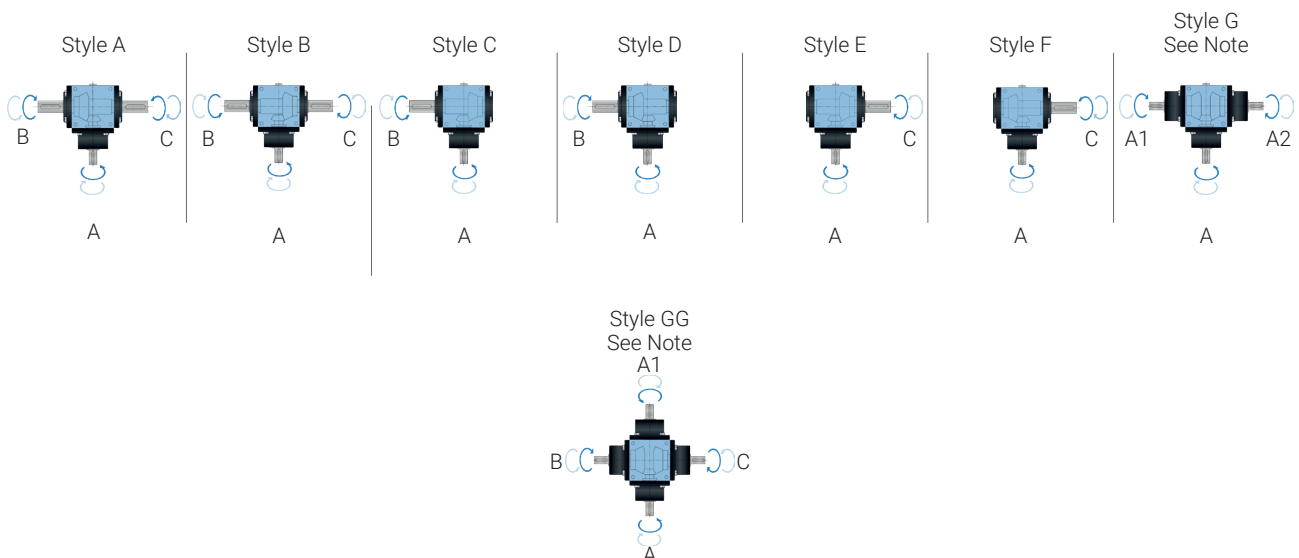
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

800.....	810
Styles A, B,C,D,E,F...	90 lbs.....92 lbs.
Styles G...	123 lbs.....125 lbs.
Styles GG..	141 lbs.....145 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A70

Features

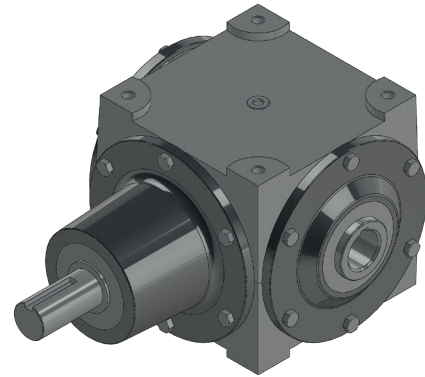
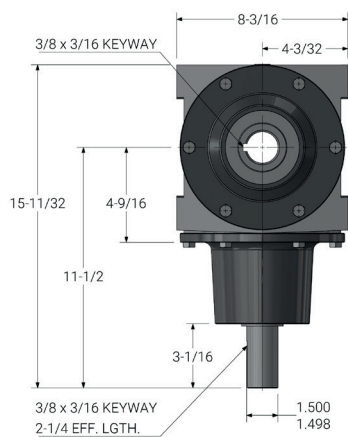
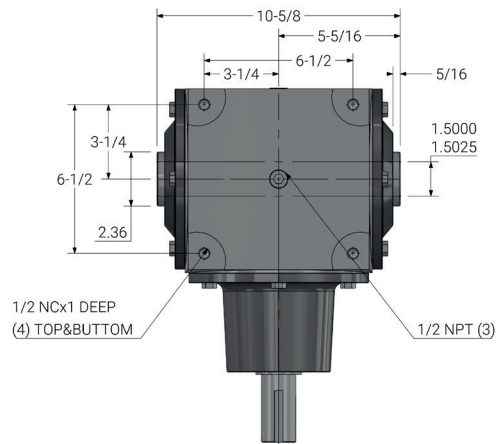
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A70

Rating Table

Input RPM		Reduction Ratios			
		1:1 SP	1.5:1 SP	2:1 SP	3:1 SP
1750	Input horsepower	132.00	69.00	56.00	30.69
	Output torque in LBS.	4750.00	3720.00	4070.00	3316.00
	Input O.H.L	140.00	75.00	65.00	100.00
	Output O.H.L	690.00	500.00	750.00	600.00
1150	Input horsepower	90.00	47.00	38.00	20.55
	Output torque in LBS.	4930.00	3830.00	4169.00	3378.70
	Input O.H.L	308.00	300.00	225.00	290.00
	Output O.H.L	708.00	1100.00	1400.00	950.00
850	Input horsepower	67.00	35.70	29.00	15.39
	Output torque in LBS.	4970.00	3970.00	4230.00	3423.40
	Input O.H.L	478.00	475.00	300.00	400.00
	Output O.H.L	870.00	1550.00	1600.00	1200.00
690	Input horsepower	56.00	29.50	23.00	12.59
	Output torque in LBS.	5115.00	4040.00	4267.00	3449.90
	Input O.H.L	566.00	625.00	450.00	475.00
	Output O.H.L	940.00	1750.00	2050.00	1350.00
400	Input horsepower	33.00	17.60	13.80	7.43
	Output torque in LBS.	5200.00	4160.00	4356.00	3512.10
	Input O.H.L	934.00	975.00	925.00	700.00
	Output O.H.L	1160.00	2200.00	2200.00	1650.00
300	Input horsepower	25.00	13.50	10.50	5.62
	Output torque in LBS.	5250.00	4250.00	4394.00	3542.00
	Input O.H.L	1155.00	1200.00	1200.00	800.00
	Output O.H.L	1340.00	2200.00	2200.00	1800.00
100	Input horsepower	9.00	4.80	3.60	1.91
	Output torque in LBS.	5670.00	4440.00	4511.00	3611.30
	Input O.H.L	1750.00	1750.00	1750.00	1200.00
	Output O.H.L	2080.00	2200.00	2200.00	2200.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE	52.29	26.60	15.11	8.62
	A, B	51.17	26.18	14.88	8.51
	C, D, E, F	76.02	40.03	22.54	11.46
	G	83.41	38.81	22.32	14.20
	GG				
WR2 (Lb In 2) referred to low speed shaft.	STYLE	52.29	59.84	60.46	77.56
	A, B	51.17	58.90	59.52	76.62
	C, D, E, F	76.02	90.07	90.16	103.13
	G	83.41	87.32	89.27	127.77
	GG				

MODEL A700



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.

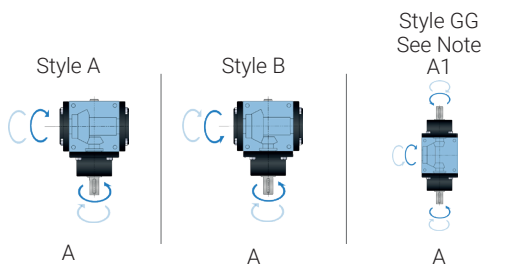
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B.....88 lbs.
Styles GG.....135 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A700

Features

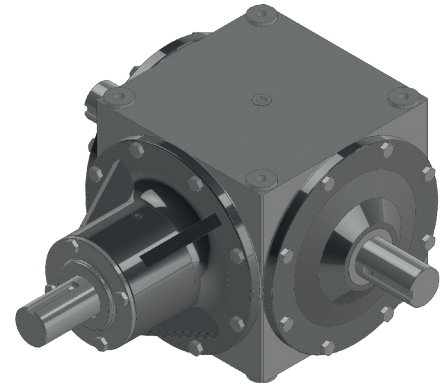
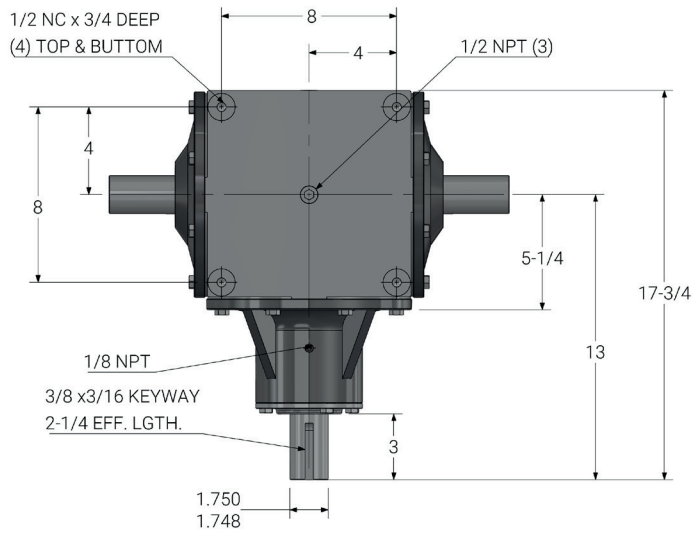
- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

MODEL A700

Rating Table

Input RPM		Reduction Ratios			
		1:1 SP	1.5:1 SP	2:1 SP	3:1 SP
1750	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	132.00 4750.00 140.00	69.00 3720.00 75.00	56.00 4070.00 65.00	30.69 3316.00 100.00
1150	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	90.00 4930.00 308.00	47.00 3860.00 300.00	38.00 4169.00 225.00	20.55 3378.70 290.00
850	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	67.00 4970.00 478.00	35.70 3970.00 475.00	29.00 4230.00 300.00	15.39 3423.40 400.00
690	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	56.00 5115.00 566.00	29.50 4040.00 625.00	23.00 4267.00 450.00	12.59 3449.90 475.00
400	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	33.00 5200.00 934.00	17.60 4160.00 975.00	13.80 4356.00 925.00	7.43 3512.10 700.00
300	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	25.00 5250.00 1155.00	13.50 4250.00 1200.00	10.50 4394.00 1200.00	5.62 3542.00 800.00
100	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	9.00 5670.00 1750.00	4.80 4440.00 1750.00	3.60 4511.00 1750.00	1.91 3611.30 1200.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE A, B C, D, E, F G GG	52.90 74.95	28.14 38.65	17.12 23.93	10.06 15.36
WR2 (Lb In 2) referred to low speed shaft.	A, B C, D, E, F G GG	52.90 74.95	63.31 86.97	68.46 95.71	90.50 138.22

MODEL A8



Note: Style G&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.

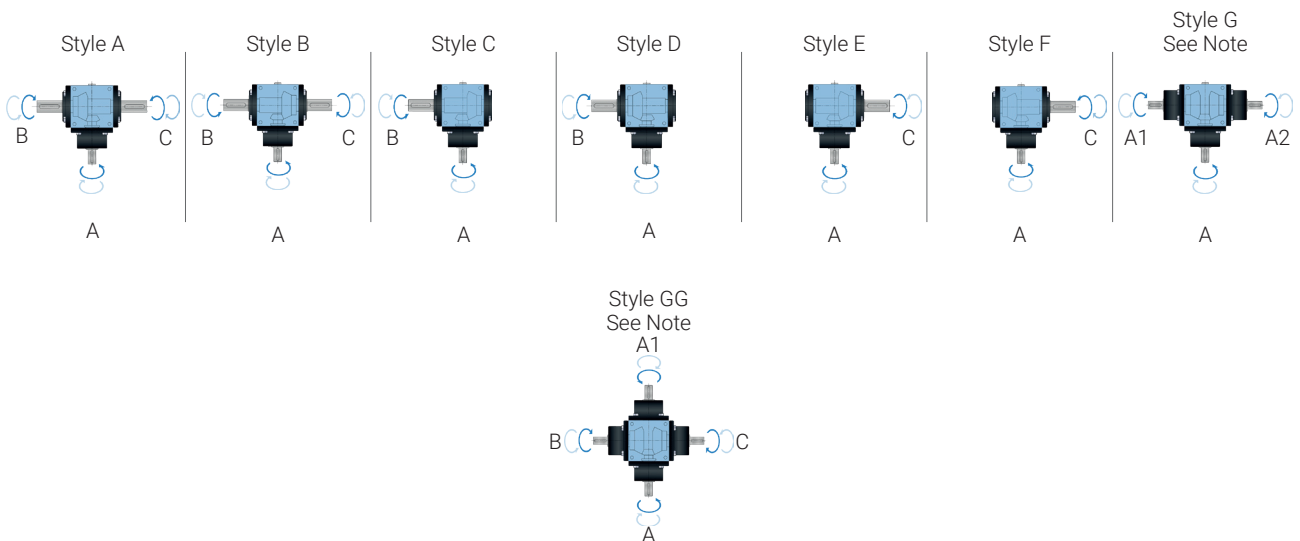
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....150 lbs.
 Styles G.....160 lbs.
 Styles GG.....175 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

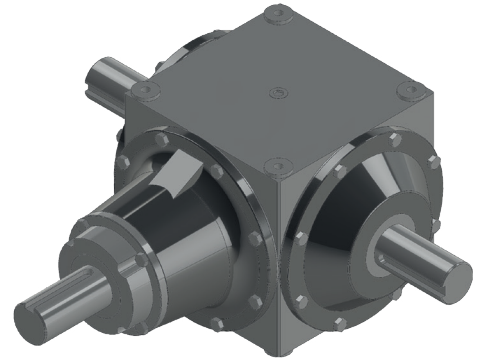
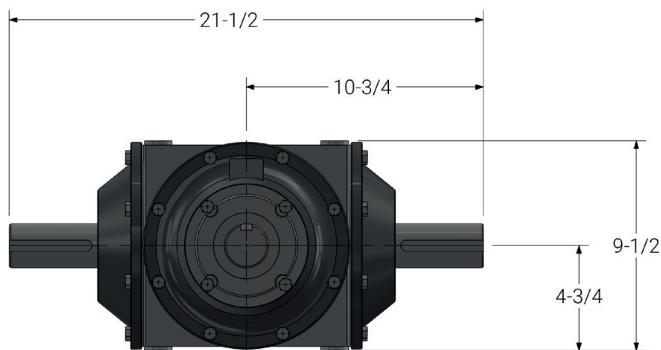
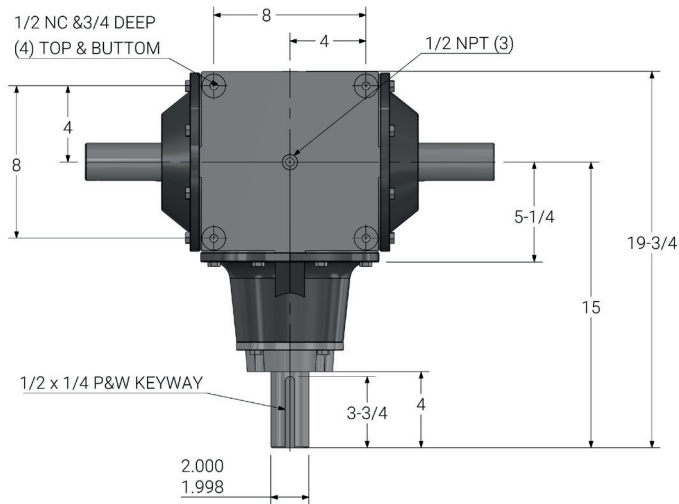
MODEL A8

Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

Rating Table					
Input RPM		Reduction Ratios		Increaser Ratios	
		1:1 ST	2.00:1 ST	1:1.21 ST	1:2 ST
1000	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L		50.1 5900.0 1100.0 1350.0		
850	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L		43.0 5954.0 1296.0 1875.0		
690	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	80.0 7304.0 964.0 875.0	39.0 6660.0 1353.0 1980.0	57.0 4337.0 1088.0 1252.0	
400	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	53.3 8400.0 1161.0 1560.0	24.0 7065.0 1651.0 2315.0	39.0 5119.0 1280.0 1392.0	31.6 2490.0 1250.0 1350.0
300	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	41.5 8720.0 1323.0 1740.0	18.5 7288.0 1842.0 2595.0	29.0 4266.0 1312.0 1420.0	24.4 2560.0 1400.0 1500.0
100	Input horsepower Output torque in LBS. Input O.H.L Output O.H.L	17.0 10700.0 2018.0 2480.0	7.0 8005.0 2300.0 3540.0	13.0 6825.0 1957.0 1981.0	9.0 2830.0 2000.0 2200.0
WR2 (Lb In 2) referred to high speed shaft.	STYLE A, B C, D, E, F G GG	140.6 139.6 187.5 210.2	43.8 42.6 74.9 55.8	75.9 74.9 107.9 116.8	51.04 Consult Factory
WR2 (Lb In 2) referred to low speed shaft.	A, B C, D, E, F G GG	140.6 139.6 187.5 210.2	153.3 152.3 263.2 195.2	109.3 107.9 155.5 168.3	Consult Factory

MODEL A80



Attention

for continuous duty applications above 1000 rpm the capacity of these units may be limited by thermal considerations in these cases oil circulation and oil cooling may be required consult the factory for application assistance

Note: Style G&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.

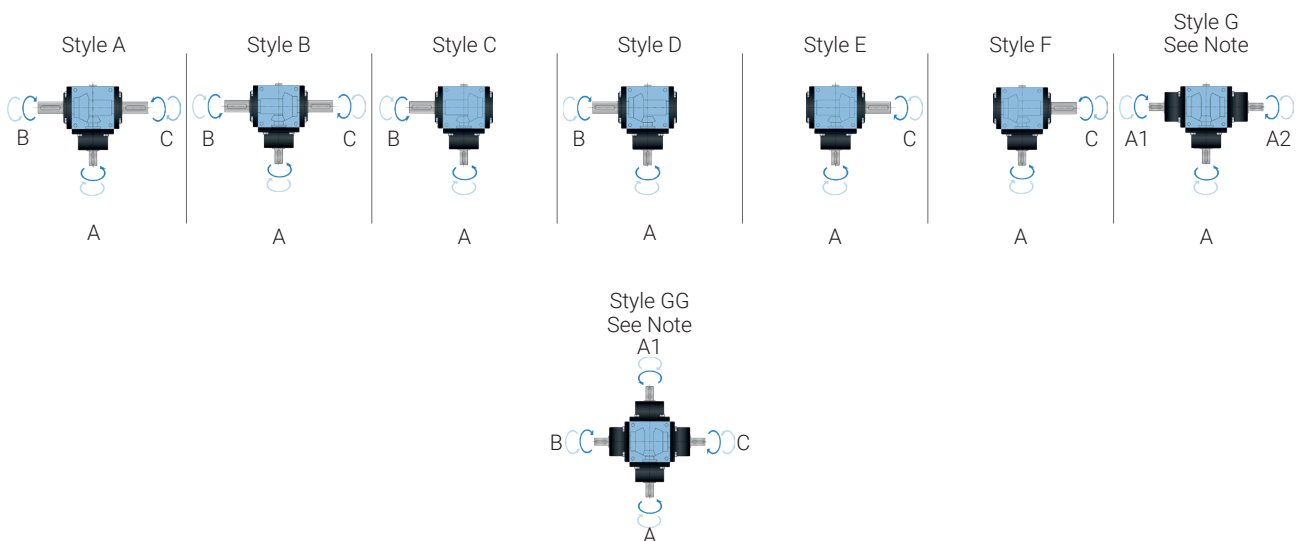
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....195 lbs.
Styles G.....195 lbs.
Styles GG.....225 lbs.

Standart Styles Available



Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A80

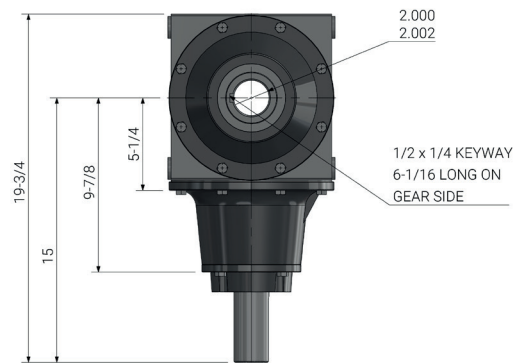
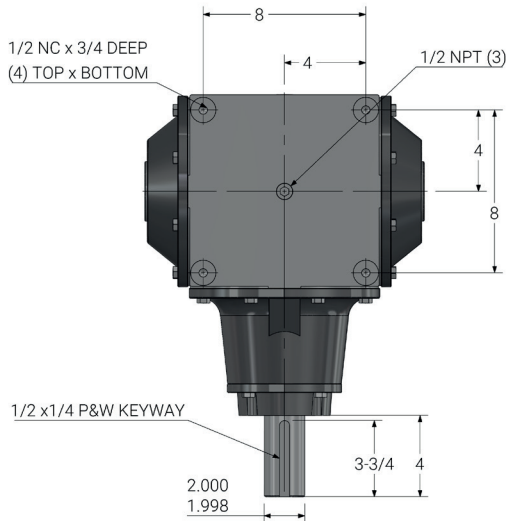
Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of six (6) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

Rating Table

Input RPM		Reduction Ratios					Increaser Ratios
		1:1 SP	1.3:1 SP	1.5:1 SP	2:1 SP	3:1 SP	1:1.5 SP
1750	Input horsepower	251.00	195.00	173.00	123.90	55.80	232.40
	Output torque in LBS.	9039.00	9360.00	9350.00	8924.00	6028.00	5577.00
	Input O.H.L	820.00	400.00	100.00	130.00	140.00	764.00
	Output O.H.L	1398.00	1500.00	2100.00	2100.00	2100.00	681.00
1150	Input horsepower	173.00	133.50	118.20	84.40	37.70	159.40
	Output torque in LBS.	9481.00	9750.00	9717.00	9251.00	6198.00	5821.00
	Input O.H.L	1178.00	500.00	385.00	433.00	455.00	1134.00
	Output O.H.L	2100.00	2100.00	2100.00	2100.00	2100.00	1385.00
850	Input horsepower	131.50	101.20	89.50	63.80	28.40	121.10
	Output torque in LBS.	9750.00	10,002.00	9954.00	9461.00	6317.00	5985.00
	Input O.H.L	1493.00	750.00	665.00	748.00	780.00	1449.00
	Output O.H.L	2100.00	2100.00	2100.00	2100.00	2100.00	1958.00
690	Input horsepower	108.60	83.50	73.80	52.50	23.30	100.10
	Output torque in LBS.	9920.00	10,167.00	10,111.00	9591.00	6384.00	6091.00
	Input O.H.L	1737.00	1100.00	902.00	994.00	1000.00	1674.00
	Output O.H.L	2100.00	2100.00	2100.00	2100.00	2100.00	2100.00
400	Input horsepower	65.60	49.90	44.30	31.40	13.90	60.40
	Output torque in LBS.	10,320.00	10,480.00	10,470.00	9895.00	6570.00	6341.00
	Input O.H.L	1850.00	1700.00	1635.00	1745.00	1850.00	1850.00
	Output O.H.L	2100.00	2100.00	2100.00	2100.00	2100.00	2100.00
300	Input horsepower	50.20	38.10	33.70	23.80	10.60	46.10
	Output torque in LBS.	10,546.00	10,670.00	10,620.00	10,000.00	6680.00	6606.00
	Input O.H.L	1850.00	1850.00	1850.00	1850.00	1850.00	1850.00
	Output O.H.L	2100.00	2100.00	2100.00	2100.00	2100.00	2100.00
100	Input horsepower	18.50	13.10	11.80	8.30	3.70	16.20
	Output torque in LBS.	11,659.00	11,005.00	11,130.00	10,462.00	6995.00	6815.00
	Input O.H.L	1850.00	1850.00	1850.00	1850.00	1850.00	1850.00
	Output O.H.L	2100.00	2100.00	2100.00	2100.00	2100.00	2100.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE	281	96	105	68	31	111
	A, B	279	95	104	67	30	105
	C, D, E, F	412	154	156	100	41	159
	G	419	124	152	101	48	168
	GG						
WR2 (Lb In 2) referred to low speed shaft.	A, B	281	170	235	272	274	250
	C, D, E, F	279	168	233	270	272	236
	G	412	273	351	398	367	357
	GG	419	220	342	405	436	379

MODEL A800

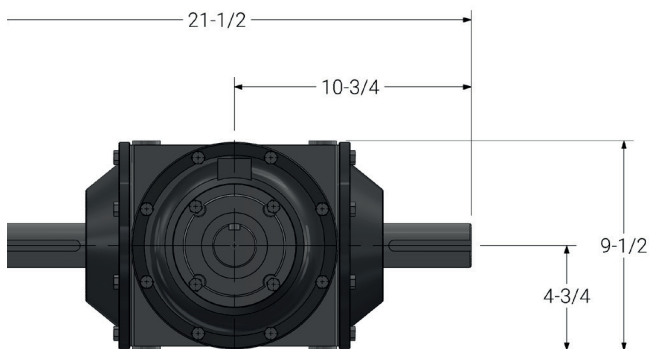


Attention

for continuous duty applications above 1000 rpm the capacity of these units may be limited by thermal considerations in these cases oil circulation and oil cooling may be required consult the factory for application assistance

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.



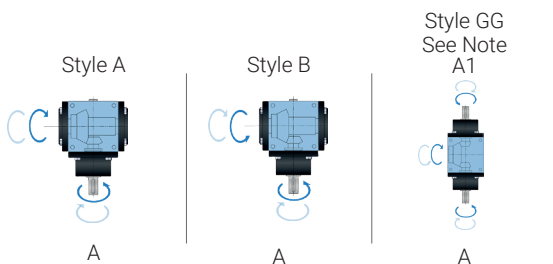
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B.....175 lbs.
Styles GG.....225 lbs.

Standart Styles Available

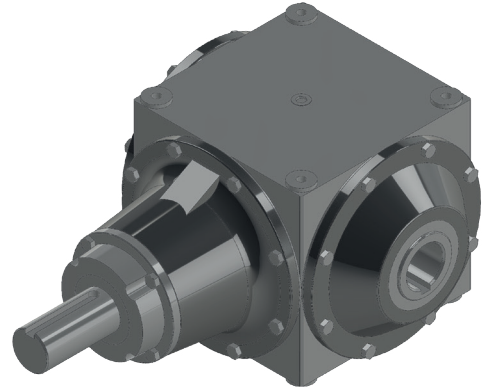


Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A800

Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of five (5) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

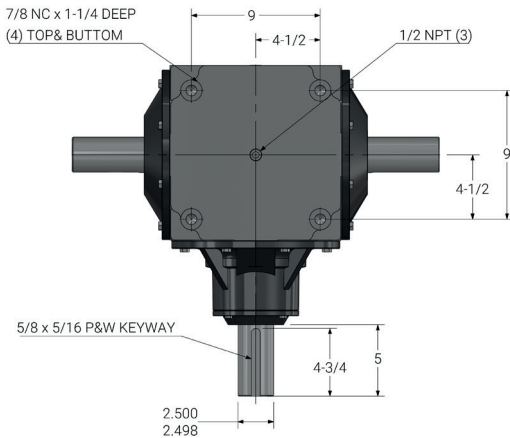


MODEL A800

Rating Table

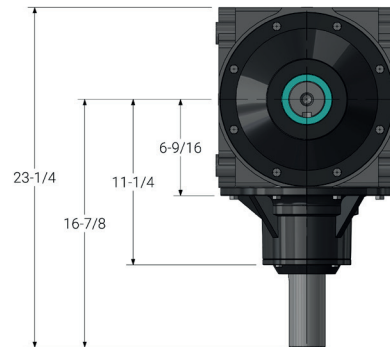
Input RPM		Reduction Ratios				
		1:1 SP	1.3:1 SP	1.5:1 SP	3:1 SP	2:1 SP
1750	Input horsepower	251.00	195.00	173.10	55.80	123.90
	Output torque in LBS.	9039.00	9360.00	9350.00	6028.00	8924.00
	Input O.H.L	820.00	400.00	100.00	140.00	130.00
	Output O.H.L					
1150	Input horsepower	173.00	133.50	118.20	37.70	84.40
	Output torque in LBS.	9481.00	9750.00	9717.00	6198.00	9251.00
	Input O.H.L	1178.00	500.00	385.00	455.00	433.00
	Output O.H.L					
850	Input horsepower	131.50	101.20	89.50	28.40	63.80
	Output torque in LBS.	9750.00	10,002.00	9954.00	6317.00	9461.00
	Input O.H.L	1493.00	750.00	665.00	780.00	748.00
	Output O.H.L					
690	Input horsepower	108.60	83.50	73.80	23.30	52.50
	Output torque in LBS.	9920.00	10,167.00	10,111.00	6384.00	9591.00
	Input O.H.L	1737.00	1100.00	902.00	1000.00	994.00
	Output O.H.L					
400	Input horsepower	65.60	49.90	44.30	13.90	31.40
	Output torque in LBS.	10,320.00	10,480.00	10,470.00	6570.00	9895.00
	Input O.H.L	1850.00	1700.00	1635.00	1850.00	1745.00
	Output O.H.L					
300	Input horsepower	50.20	38.10	33.70	10.60	23.80
	Output torque in LBS.	10,546.00	10,670.00	10,620.00	6680.00	10,000.00
	Input O.H.L	1850.00	1850.00	1850.00	1850.00	1850.00
	Output O.H.L					
100	Input horsepower	18.50	13.10	11.80	3.70	8.30
	Output torque in LBS.	11,659.00	11,005.00	11,130.00	6995.00	10,462.00
	Input O.H.L	1850.00	1850.00	1850.00	1850.00	1850.00
	Output O.H.L					
WR2 (Lb In 2) referred to high speed shaft.	STYLE A, B	249.8	104.4	108.5	32.2	65.9
	GG	388.4	132.6	154.5	44.3	96.8
WR2 (Lb In 2) referred to low speed shaft.	A, B	249.8	184.7	244.1	289.5	263.7
	GG	388.4	234.5	347.6	398.7	387.1

MODEL A9



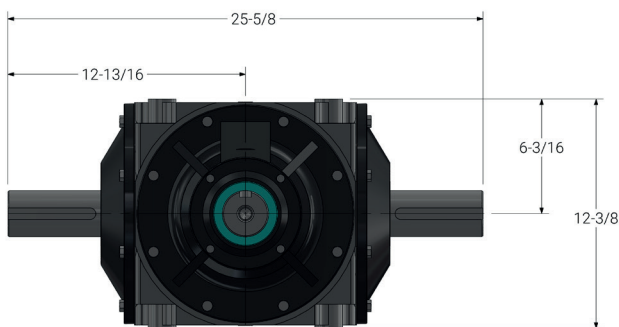
Attention

for continuous duty applications above 1000 rpm the capacity of these units may be limited by thermal considerations in these cases oil circulation and oil cooling may be required consult the factory for application assistance



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.



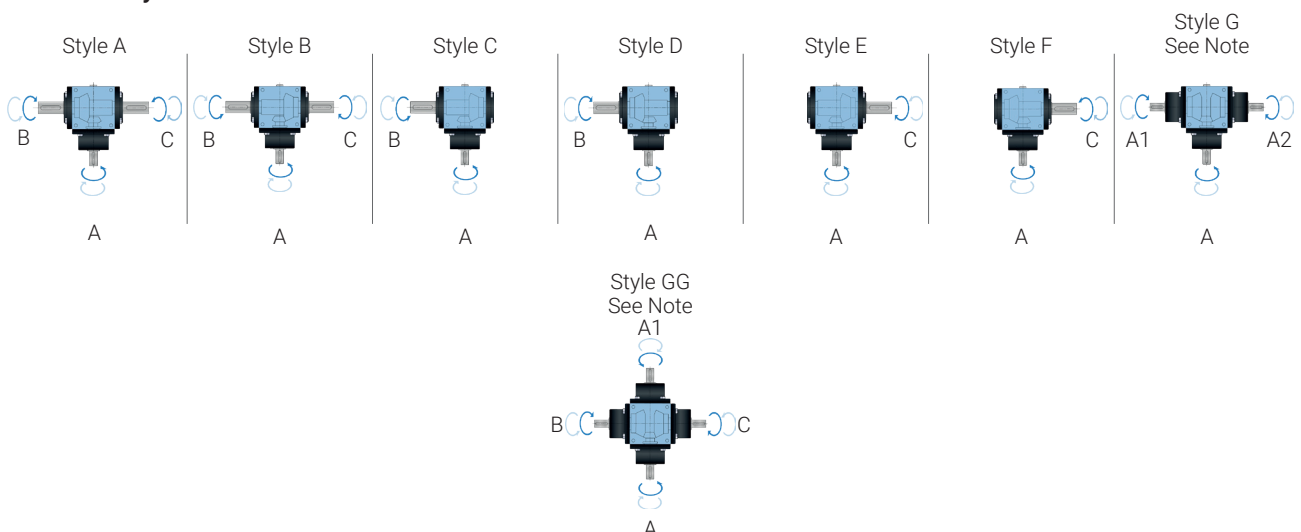
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B, C, D, E, F.....300 lbs.
 Styles G.....315 lbs. Styles GG
330 lbs.

Standart Styles Availble

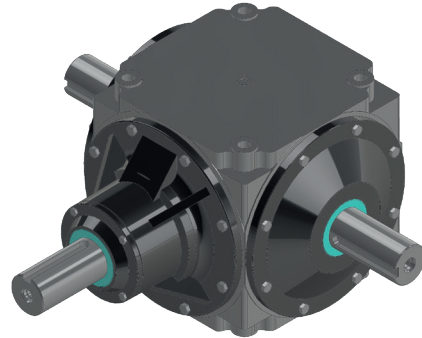


Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A9

Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of six (6) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.

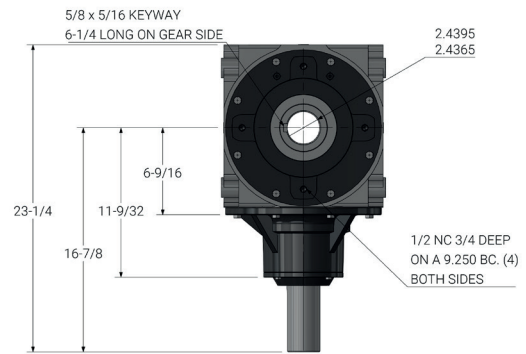
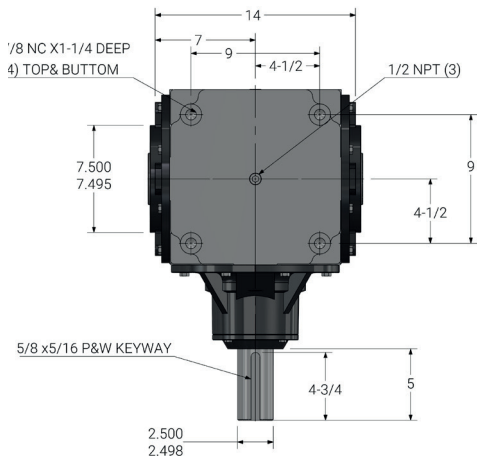


MODEL A9

Rating Table

Input RPM		Reduction Ratios					
		1:1 (8") SP	1:1 (10") SP	1.33:1 SP	1.5:1 SP	2:1 SP	3:1 SP
3000	Input horsepower	296.00	380.00	246.00	196.00	224.00	118.00
	Output torque in LBS.	10,680.00	13,685.00	11,821.00	10,591.00	16,148.00	12,749.00
	Input O.H.L	118.00	177.00	104.00	109.00	102.00	117.00
	Output O.H.L	396.00	155.00	657.00	1284.00	579.00	2217.00
2400	Input horsepower	203.50	261.00	168.00	134.00	155.00	79.00
	Output torque in LBS.	11,148.00	14,304.00	12,278.00	11,005.00	16,931.00	13,051.00
	Input O.H.L	238.00	391.00	209.00	213.00	196.00	236.00
	Output O.H.L	816.00	570.00	1009.00	1692.00	960.00	2805.00
1750	Input horsepower	154.70	199.00	128.00	102.00	116.00	60.00
	Output torque in LBS.	11,466.00	14,755.00	12,694.00	11,347.00	17,180.00	13,363.00
	Input O.H.L	296.00	570.00	319.00	326.00	250.00	292.00
	Output O.H.L	1185.00	918.00	1244.00	1980.00	1199.00	3216.00
1150	Input horsepower	127.80	164.50	106.00	85.00	97.00	49.00
	Output torque in LBS.	11,670.00	15,025.00	12,900.00	11,551.00	17,584.00	13,521.00
	Input O.H.L	437.00	714.00	396.00	391.00	340.00	392.00
	Output O.H.L	1473.00	1197.00	1297.00	2081.00	1290.00	3591.00
850	Input horsepower	77.20	99.70	63.00	50.00	57.00	30.00
	Output torque in LBS.	12,160.00	15,709.00	13,270.00	11,893.00	18,000.00	14,197.00
	Input O.H.L	872.00	1153.00	759.00	777.00	532.00	713.00
	Output O.H.L	2354.00	2050.00	2137.00	3001.00	1905.00	4200.00
690	Input horsepower	59.00	76.30	48.00	39.00	44.00	22.50
	Output torque in LBS.	12,390.00	16,029.00	13,453.00	12,057.00	18,479.00	14,267.00
	Input O.H.L	1148.00	1431.00	911.00	932.00	692.00	910.00
	Output O.H.L	2911.00	2594.00	2594.00	3475.00	2668.00	4200.00
300	Input horsepower	21.00	27.00	17.00	14.00	16.00	7.70
	Output torque in LBS.	13,230.00	17,017.00	14,184.00	13,087.00	20,281.00	14,600.00
	Input O.H.L	2495.00	2813.00	1012.00	1079.00	820.00	1236.00
	Output O.H.L	4200.00	4200.00	4200.00	4200.00	4200.00	4200.00
WR2 (Lb In 2) referred to high speed shaft.	STYLE	422.5	691.7	181.6	176.9	152.2	95.9
	A, B	416.2	685.5	178.0	174.2	150.6	95.2
	GG	614.1	1018.2	264.4	270.6	229.9	135.4
		627.1	1031.1	266.4	249.0	220.4	149.5
WR2 (Lb In 2) referred to low speed shaft.	A, B	422.5	691.7	321.2	398.1	608.6	862.8
		416.2	685.5	315.0	391.9	602.4	856.6
	GG	614.1	1018.2	467.6	608.8	919.6	1218.2
		627.1	1031.1	471.2	560.4	881.4	1345.2

MODEL A90

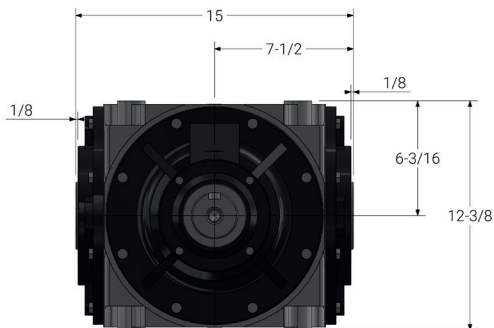


Attention

for continuous duty applications above 1000 rpm the capacity of these units may be limited by thermal considerations in these cases oil circulation and oil cooling may be required consult the factory for application assistance

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.



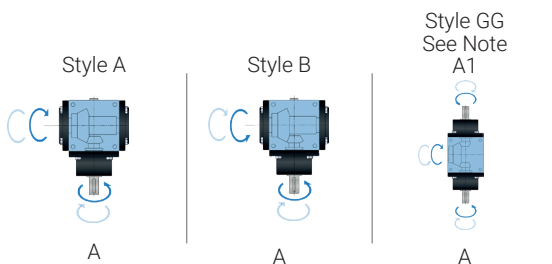
For Lubrication and installation instructions refer to section M.

Dimensions shown are for reference only.

Dry Shipping Weights

Styles A, B.....305 lbs.
Styles GG.....330 lbs.

Standart Styles Available

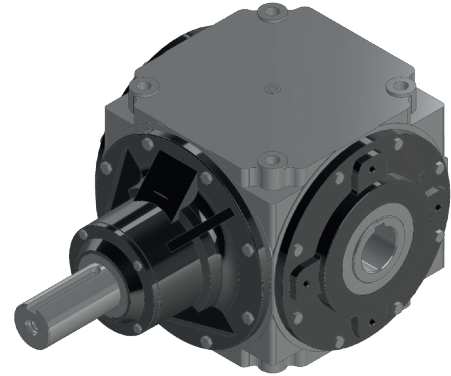


Consult factory for vertical shaft lubrication recommendations input shaft can be rotated in either direction.

MODEL A90

Features

- GGG – 40 Housing material.
- All shaft hardened and grinding.
- Precision ball bearings to accommodate higher operating speeds.
- Choice of four (4) gear ratios.
- For different ratios please ask Mecmot.
- All gears are of the spiral bevel type, provides high torque transmission and quiet operation.
- Heavy-duty industrial seals to keep lubricant in and dirt out.



Rating Table

Input RPM		Reduction Ratios			
		1:1 SP	1.5:1 SP	2:1 SP	3:1 SP
1750	Input horsepower	380.00	196.00	224.00	118.00
	Output torque in LBS.	13,685.00	10,594.00	16,148.00	12,749.00
	Input O.H.L	177.00	109.00	102.00	117.00
	Output O.H.L				
1150	Input horsepower	261.00	134.00	155.00	79.00
	Output torque in LBS.	14,304.00	11,005.00	16,931.00	13,051.00
	Input O.H.L	391.00	213.00	196.00	236.00
	Output O.H.L				
850	Input horsepower	199.00	102.00	116.00	60.00
	Output torque in LBS.	14,755.00	11,347.00	17,180.00	13,363.00
	Input O.H.L	570.00	326.00	250.00	292.00
	Output O.H.L				
690	Input horsepower	164.50	85.00	97.00	49.00
	Output torque in LBS.	15,025.00	11,551.00	17,584.00	13,521.00
	Input O.H.L	714.00	391.00	340.00	392.00
	Output O.H.L				
400	Input horsepower	99.70	50.00	57.00	30.00
	Output torque in LBS.	15,709.00	11,843.00	18,000.00	14,197.00
	Input O.H.L	1153.00	777.00	532.00	713.00
	Output O.H.L				
300	Input horsepower	76.30	39.00	44.00	22.50
	Output torque in LBS.	16,029.00	12,057.00	18,479.00	14,267.00
	Input O.H.L	1431.00	932.00	692.00	910.00
	Output O.H.L				
100	Input horsepower	27.00	14.00	16.00	7.70
	Output torque in LBS.	17,017.00	13,087.00	20,281.00	14,600.00
	Input O.H.L	2813.00	1079.00	820.00	1236.00
	Output O.H.L				
WR2 (Lb In 2) referred to high speed shaft.	STYLE A, B	739.20	194.00	161.30	100.20
	GG	1078.50	266.00	229.60	153.70
WR2 (Lb In 2) referred to low speed shaft.	A, B	739.20	436.40	645.40	901.70
	GG	1078.50	598.60	918.20	1384.10



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