

Hub City™ Worm Gear Drives

Double Reduction

PowerCubeX® Worm Speed Reducer Catalog Ratings

2400 Series • GW130 Primary • W240 Secondary

SERIES	INPUT RPM	UNIT RATIO	OUTPUT RPM	PRIM. RATIO	SEC. RATIO	ALL	CONVENTIONAL OIL		PAO SYNTHETIC OIL		PAG SYNTHETIC OIL	
						INPUT HP	EFF. %	OUTPUT TORQUE	EFF. %	OUTPUT TORQUE	EFF. %	OUTPUT TORQUE
2400	1750	50	35.0	5	10	1.40	67.3	1698	75.6	1908	80.4	2029
		75	23.3	5	15	1.05	63.8	1809	71.7	2033	76.3	2161
		100	17.5	5	20	0.84	60.7	1833	68.2	2060	72.5	2190
		150	11.7	10	15	0.60	59.0	1901	66.3	2136	70.5	2271
		200	8.75	10	20	0.48	55.8	1923	62.7	2161	66.6	2297
		250	7.00	10	25	0.40	53.2	1892	59.8	2126	63.6	2260
		300	5.83	20	15	0.34	52.7	1942	59.2	2182	62.9	2320
		400	4.38	20	20	0.28	49.4	1964	55.6	2207	59.1	2346
		500	3.50	25	20	0.236	46.3	1964	52.0	2207	55.3	2346
		600	2.92	20	30	0.211	43.5	1986	48.9	2231	52.0	2373
		750	2.33	25	30	0.181	40.6	1986	45.7	2231	48.5	2373
		900	1.94	30	30	0.159	38.5	1986	43.3	2231	46.0	2373
		1000	1.75	50	20	0.144	38.0	1964	42.7	2207	45.4	2346
		1200	1.46	40	30	0.129	35.6	1986	40.0	2231	42.5	2373
		1500	1.17	50	30	0.111	33.0	1986	37.1	2231	39.4	2373
		1800	0.97	60	30	0.101	30.2	1986	33.9	2231	36.1	2373
		2000	0.88	50	40	0.092	29.4	1950	33.0	2191	35.1	2330
		2400	0.73	60	40	0.084	26.8	1950	30.1	2191	32.0	2330
3000	0.58	60	50	0.070	24.5	1851	27.6	2080	29.3	2211		
3600	0.49	60	60	0.053	23.9	1640	26.8	1843	28.5	1959		

2600 Series • 130 Primary • 260 Secondary

SERIES	INPUT RPM	UNIT RATIO	OUTPUT RPM	PRIM. RATIO	SEC. RATIO	ALL	CONVENTIONAL OIL		PAO SYNTHETIC OIL		PAG SYNTHETIC OIL	
						INPUT HP	EFF. %	OUTPUT TORQUE	EFF. %	OUTPUT TORQUE	EFF. %	OUTPUT TORQUE
2600	1750	50	35.0	5	10	1.38	67.7	1681	76.0	1889	80.8	2009
		75	23.3	5	15	1.28	65.7	2273	73.8	2554	78.5	2715
		100	17.5	5	20	1.09	62.1	2428	69.7	2728	74.1	2901
		150	11.7	10	15	0.72	61.1	2381	68.7	2675	73.0	2844
		200	8.75	10	20	0.62	57.1	2550	64.2	2865	68.3	3046
		250	7.00	10	25	0.50	54.9	2488	61.7	2796	65.6	2972
		300	5.83	20	15	0.41	54.8	2429	61.5	2729	65.4	2902
		400	4.38	20	20	0.36	50.9	2604	57.2	2926	60.8	3111
		500	3.50	25	20	0.30	47.6	2604	53.5	2926	56.9	3111
		600	2.92	20	30	0.25	46.8	2485	52.5	2792	55.8	2969
		750	2.33	25	30	0.210	43.7	2485	49.1	2792	52.2	2969
		900	1.94	30	30	0.185	41.5	2485	46.6	2792	49.6	2969
		1000	1.75	50	20	0.184	39.2	2604	44.0	2926	46.8	3111
		1200	1.46	40	30	0.150	38.4	2485	43.2	2792	45.9	2969
		1500	1.17	50	30	0.129	35.6	2485	40.0	2792	42.6	2969
		1800	0.97	60	30	0.117	32.7	2485	36.7	2792	39.1	2969
		2000	0.88	50	40	0.116	30.9	2585	34.7	2905	36.9	3088
		2400	0.73	60	40	0.106	28.2	2585	31.7	2905	33.7	3088
3000	0.58	60	50	0.086	26.1	2435	29.3	2736	31.2	2909		
3600	0.49	60	60	0.072	24.3	2261	27.3	2540	29.0	2701		

ADDITIONAL RATINGS FOR OTHER INPUT SPEEDS ARE AVAILABLE AT: WWW.HUBCITYINC.COM

OVERHUNG LOAD AND THRUST LOAD INFORMATION

OVERHUNG LOAD - LOW SPEED SHAFT — MODELS 2401 AND 2404 1400 LBS. AT CENTER POINT OF SHAFT EXTENSION. MODELS 2402 AND 2405 NOT APPLICABLE. THRUST± UP OR DOWN 1450 LBS.

MODELS 2601 AND 2604 1150 LBS. AT CENTER POINT OF SHAFT EXTENSION. MODELS 2602 AND 2605 NOT APPLICABLE. THRUST± UP OR DOWN 1000 LBS.

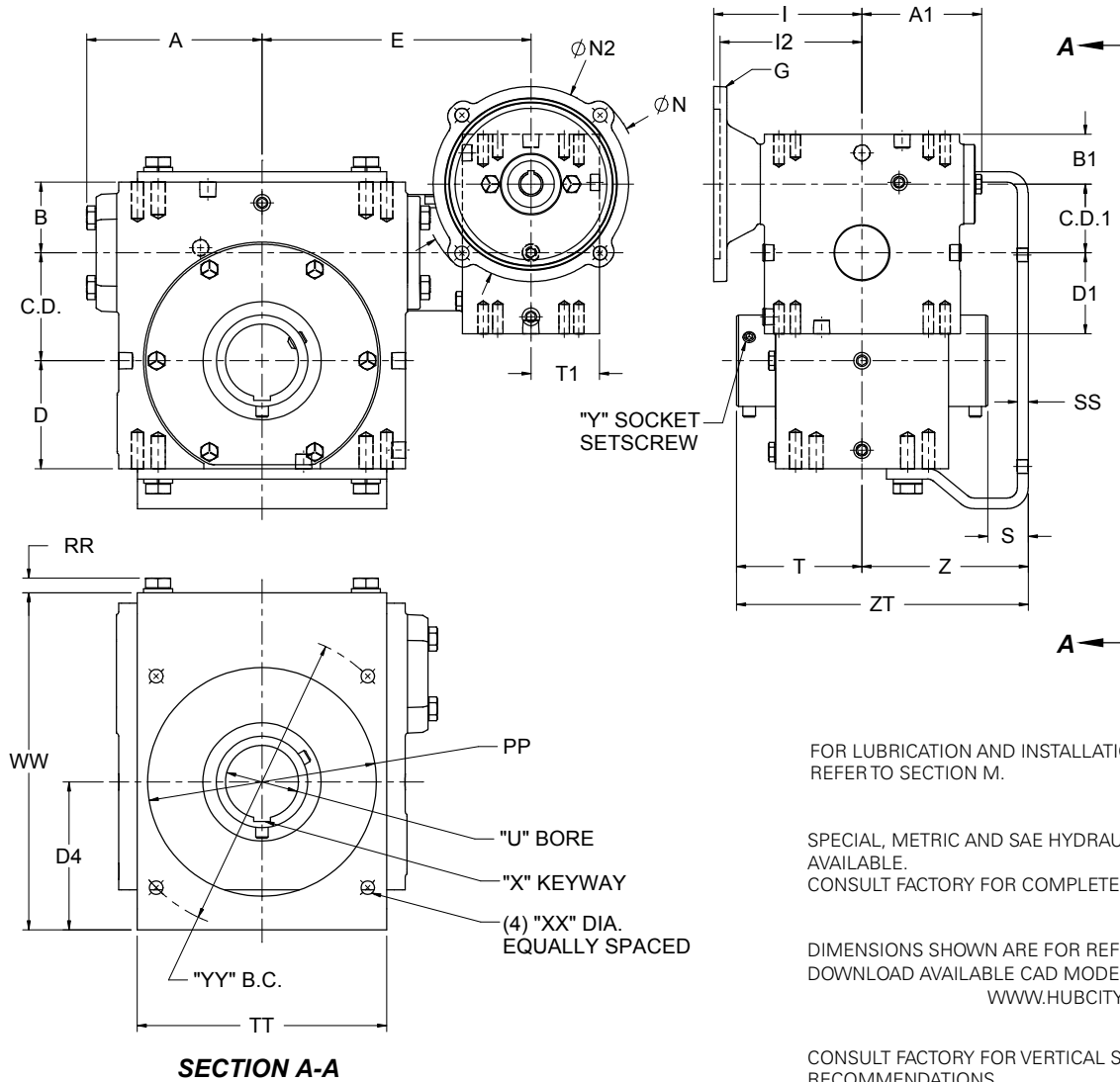
±OHL AND THRUST VALUES SHOWN ARE INDEPENDENT FUNCTIONS AND CANNOT BE APPLIED SIMULTANEOUSLY. REFER APPLICATIONS WITH COMBINED OHL AND THRUST TO REGAL CUSTOMER SERVICE DEPARTMENT.

OUTPUT TORQUE VALUES SHOWN ARE INCH-POUNDS (IN-LB).

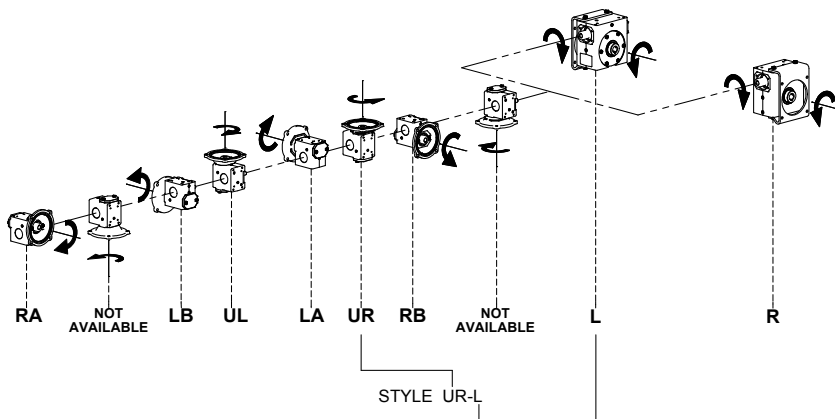
Hub City™ Worm Gear Drives

Double Reduction Models

1306, 1806, 2106, 2406, 2606, 3206, 3806 (STEEL BRACKET)



Standard Styles Available



Hub City™ Worm Gear Drives

Double Reduction Models

1306, 1806, 2106, 2406, 2606, 3206, 3806 (STEEL BRACKET)

MODEL	PRIMARY	SECONDARY	C.D.	A	B	D	E	T1	C.D.1	A1	B1	D1
1306	134	136-56C	1.334	2.61	1.186	1.562	4.87	1.56	1.334	2.61	1.186	1.562
1806	134	186-56C	1.751	3.23	1.374	1.875	5.50	1.56	1.334	2.61	1.186	1.562
2106	134	216-56C	2.064	3.61	1.500	2.437	5.87	1.56	1.334	2.61	1.186	1.562
2406*	GW134	246	2.376	3.77	2.061	2.500	6.44	1.84	1.334	2.61	1.610	1.720
2606	134	266-56C	2.626	4.33	1.874	2.938	6.58	1.56	1.334	2.61	1.186	1.562
3206	214	326-143TC	3.251	5.28	2.124	3.250	8.09	2.06	2.064	3.61	1.500	2.437
3806	214	386-143TC	3.751	4.90	2.374	3.937	8.61	2.06	2.064	3.61	1.500	2.437

* Model 2406 also available with cast F-flange as either an add-on kit (see page B-103) or as a special assembly (consult factory).

MODEL	PP	SS	RR	WW	D4	TT	XX	YY	WT. LBS.
1306	3.62	0.19	0.22	5.22	2.50	4.25	11/32	5.000	25
1806	4.25	0.25	0.22	6.50	3.13	4.88	11/32	5.875	29
2106	4.75	0.31	0.33	7.63	3.75	5.75	13/32	7.000	41
2406	5.00	0.25	0.33	8.30	3.61	6.00	13/32	7.500	57
2606	5.75	0.31	0.33	8.70	3.89	6.75	13/32	8.000	54
3206	6.88	0.31	0.44	10.14	4.45	7.50	13/32	9.000	99
3806	7.50	0.31	0.44	11.53	5.09	8.25	9/16	10.000	122

MODEL	G	I	I2	N	N2
1306	48CZ	3.46	N/A	4.36	3.87
	56C			6.63	6.50
1806	48CZ	3.46	N/A	4.36	3.87
	56C			6.63	6.50
2106	48CZ	3.46	N/A	4.36	3.87
	56C			6.63	6.50
2406	48CZ	3.46	N/A	4.36	3.87
	56C			6.63	6.50
2606	48CZ	3.46	N/A	4.36	3.87
	56C			6.63	6.50
3206	48CZ	4.46	N/A	4.36	3.87
	56C			6.63	6.50
	143TC				
3806	48CZ	4.46	N/A	4.36	3.87
	56C			6.63	6.50
	143TC				

Stock Output Bores

MINIMUM AND MAXIMUM BORE DIMENSIONS SHOWN.
FOR ADDITIONAL STOCK OUTPUT BORE SIZES
AVAILABLE SEE PAGE B-96.

MODEL	U (MIN.)	U (MAX.)	S	T	Z	ZT
1306	N/A	5/8	0.75	2.25	3.00	5.25
1806	15/16	1	0.91	2.41	3.31	5.71
2106	15/16	1-1/2	0.85	2.78	3.63	6.41
2406	1	1-1/2	0.75	2.97	3.72	6.69
2606	1	1-1/2	0.66	2.97	3.63	6.60
3206	1-7/16	2-3/16	0.22	3.78	4.00	7.78
3806	1-7/16	2-3/16	0.72	3.78	4.50	8.28



Select hollow output bore models in this product line are now available with the HubLoc® keyless bushing system. Refer to pages i and ii at front of this catalog for features, available sizes, and ordering information.