

Single Reduction

Worm Gear Thrust & Overhung Load Ratings

Low Speed Shaft

Thrust Ratings - Single Reduction (LBS.)

Ratios	Unit Size													
	213	215	218	220	224	226	230	232	242	252	2600	2700	2800	21000
5	827	794	793	735	1451	1420	1729	1605	1445	1675	3633	4009	4777	6808
7.5	948	946	868	811	1659	1609	1944	1869	1640	2021	3990	4009	4777	6808
10	1070	1056	976	898	1820	1762	2147	2026	1788	2449	3990	4009	4777	6808
15	1144	1144	1144	1099	2091	2069	2549	2490	2319	3033	3990	4009	4777	6808
Any other Ratio	1144	1144	1144	1144	2091	2091	2574	2574	2533	3412	3990	4009	4777	6808

Extended Bearing Design Output Shaft Overhung Load Capacity (LBS.)

Unit Size	230	232	242	252	2600	2700	2800	21000
O.H.L. Capacity	605	959	1200	2524	2245	3791	4850	8500

O.H.L. = Overhung Load

Note: Load located at end of output shaft

High Speed Shaft Overhung Load Capacity (LBS.)

Unit Size	213	215	218	220	224	226	230	232	242	252	2600	2700	2800	21000
O.H.L. Capacity	75	75	75	75	125	125	150	150	175	300	450	450	450	500

O.H.L. = Overhung Load

Note: The point of application of the overhung load is considered to be one shaft diameter measured outward from the gear case housing.

Hollow Output Shaft Bore Sizes

Fract. Size	Decimal Equiv.	KWY*	213	215	218	220	224	226	230	232	242	252	2600	2700	2800	21000
5/8	.625	3/16 x 3/32	*	*	*											
11/16	.688	3/16 x 3/32			*											
3/4	.750	3/16 x 3/32			*											
7/8	.875	3/16 x 3/32			*											
1	1.000	1/4 x 1/8			*	*	*	*								
1-1/8	1.125	1/4 x 1/8				*	*	*								
1-3/16	1.188	1/4 x 1/8				*	*	*	*	*						
1-1/4	1.250	1/4 x 1/8				*	*	*	*	*						
1-7/16	1.438	3/8 x 3/16				*	*	*	*	*	*					
1-1/2	1.500	3/8 x 3/16							*	*	*					
1-5/8	1.625	3/8 x 3/16							*	*	*					
1-11/16	1.688	3/8 x 3/16							*	*	*					
1-3/4	1.750	3/8 x 3/16							*	*	*					
1-7/8	1.875	1/2 x 1/4									*					
1-15/16	1.938	1/2 x 1/4							*	*	*					
2	2.000	1/2 x 1/4									*	*	*			
2-3/16	2.188	1/2 x 1/4									*	*	*			
2-1/4	2.250	1/2 x 1/4										*	*			
2-7/16	2.438	5/8 x 5/16										*	*	*		
2-1/2	2.500	5/8 x 5/16										*	*	*		
2-11/16	2.688	5/8 x 5/16										*	*	*		
2-15/16	2.938	3/4 x 3/8										*	*	*		
3	3.000	3/4 x 3/8										*	*	*		
3-3/16	3.188	3/4 x 3/8										*	*			
3-7/16	3.438	7/8 x 7/16										*	*	*	*	*
3-15/16	3.938	1 x 1/2												*	*	*
4-3/16	4.188	1 x 1/2													*	*
4-7/16	4.438	1 x 1/2													*	*
4-15/16	4.938	1-1/4 x 5/8														*
5-7/16	5.438	1-1/4 x 5/8														*

*Dimensions refer to driven shaft.

Note: Special bores are available upon request. Consult factory for information.

GROVE GEAR

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