

Double Reduction

Helical / Worm Thrust & Overhung Load Ratings

Low Speed Shaft Thrust Ratings - Double Reduction Helical/Worm (LBS.)

Unit Size	213	215	218	220	224	226	230	232	242	252	2600	2700	2800	21000
All Ratios	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	75	75	75	75	150	150	150	175	300	450

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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