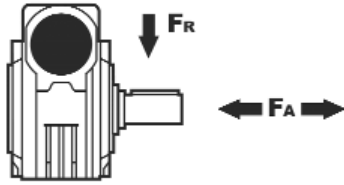
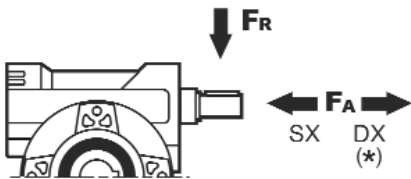


**Maximum Overhung Load<sup>‡</sup> and Thrust Load Ratings (lbs.)**



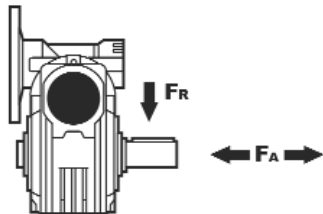
**Single Reduction Output Shaft Ratings<sup>‡</sup>**

| Output RPM | Series         |                |                |                |                |                |                |                |                |                |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | 512            |                | 518            |                | 520            |                | 525            |                | 534            |                |
|            | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> |
| 200        | 27             | 135            | 40             | 200            | 54             | 270            | 81             | 405            | 112            | 562            |
| 150        | 31             | 157            | 45             | 225            | 63             | 315            | 90             | 450            | 130            | 652            |
| 100        | 36             | 180            | 50             | 248            | 68             | 338            | 104            | 518            | 135            | 675            |
| 75         | 40             | 202            | 54             | 270            | 76             | 382            | 112            | 562            | 157            | 787            |
| 50         | 45             | 225            | 58             | 315            | 86             | 428            | 135            | 675            | 180            | 900            |
| 25         | 56             | 281            | 68             | 405            | 108            | 562            | 158            | 855            | 225            | 1125           |
| 15         | 63             | 315            | 90             | 450            | 126            | 629            | 180            | 899            | 261            | 1304           |



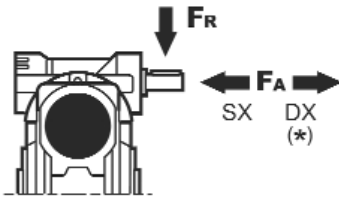
**Single Reduction Input Shaft Ratings<sup>‡</sup>**

| Input RPM | Series         |                |                |                |                |                |                |                |                |                |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|           | 512            |                | 518            |                | 520            |                | 525            |                | 534            |                |
|           | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> |
| 1750      | 4              | 21             | 9              | 43             | 16             | 79             | 19             | 93             | 33             | 167            |



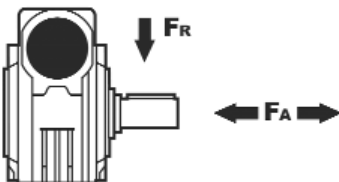
**Double Reduction Worm/Worm Output Shaft Ratings<sup>‡</sup>**

| Output RPM | Series         |                |                |                |                |                |                |                |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | 518            |                | 520            |                | 525            |                | 534            |                |
|            | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> |
| 25         | 68             | 405            | 108            | 562            | 158            | 855            | 225            | 1125           |
| 15         | 90             | 450            | 126            | 629            | 180            | 899            | 261            | 1304           |



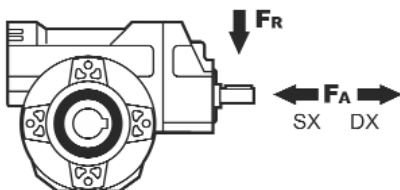
**Double Reduction Worm/Worm Input Shaft Ratings<sup>‡</sup>**

| Input RPM | Series         |                |                |                |                |                |                |                |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|           | 518            |                | 520            |                | 525            |                | 534            |                |
|           | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> |
| 1750      | 9              | 43             | 9              | 43             | 9              | 43             | 9              | 43             |



**Double Reduction Helical/Worm Output Shaft Ratings<sup>‡</sup>**

| Output RPM | Series         |                |                |                |                |                |                |                |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | 518            |                | 520            |                | 525            |                | 534            |                |
|            | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> |
| 75         | 54             | 270            | 76             | 382            | 112            | 562            | 157            | 787            |
| 50         | 58             | 315            | 86             | 428            | 135            | 675            | 180            | 900            |
| 25         | 68             | 405            | 108            | 562            | 158            | 855            | 225            | 1125           |
| 15         | 90             | 450            | 126            | 629            | 180            | 899            | 261            | 1304           |



**Double Reduction Helical/Worm Input Shaft Ratings<sup>‡</sup>**

| Input RPM | Series         |                |                |                |                |                |                |                |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|           | 518            |                | 520            |                | 525            |                | 534            |                |
|           | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> | F <sub>A</sub> | F <sub>R</sub> |
| 1750      | 9              | 46             | 9              | 46             | 13             | 63             | 22             | 112            |

F<sub>R</sub> = Radial load rating = overhung load (lbs)

F<sub>A</sub> = Axial load rating = thrust rating (lbs)

\* Axial loads in the DX direction should be avoided.

‡ Overhung load is located at centerline of shaft extension for solid input/ output shaft style