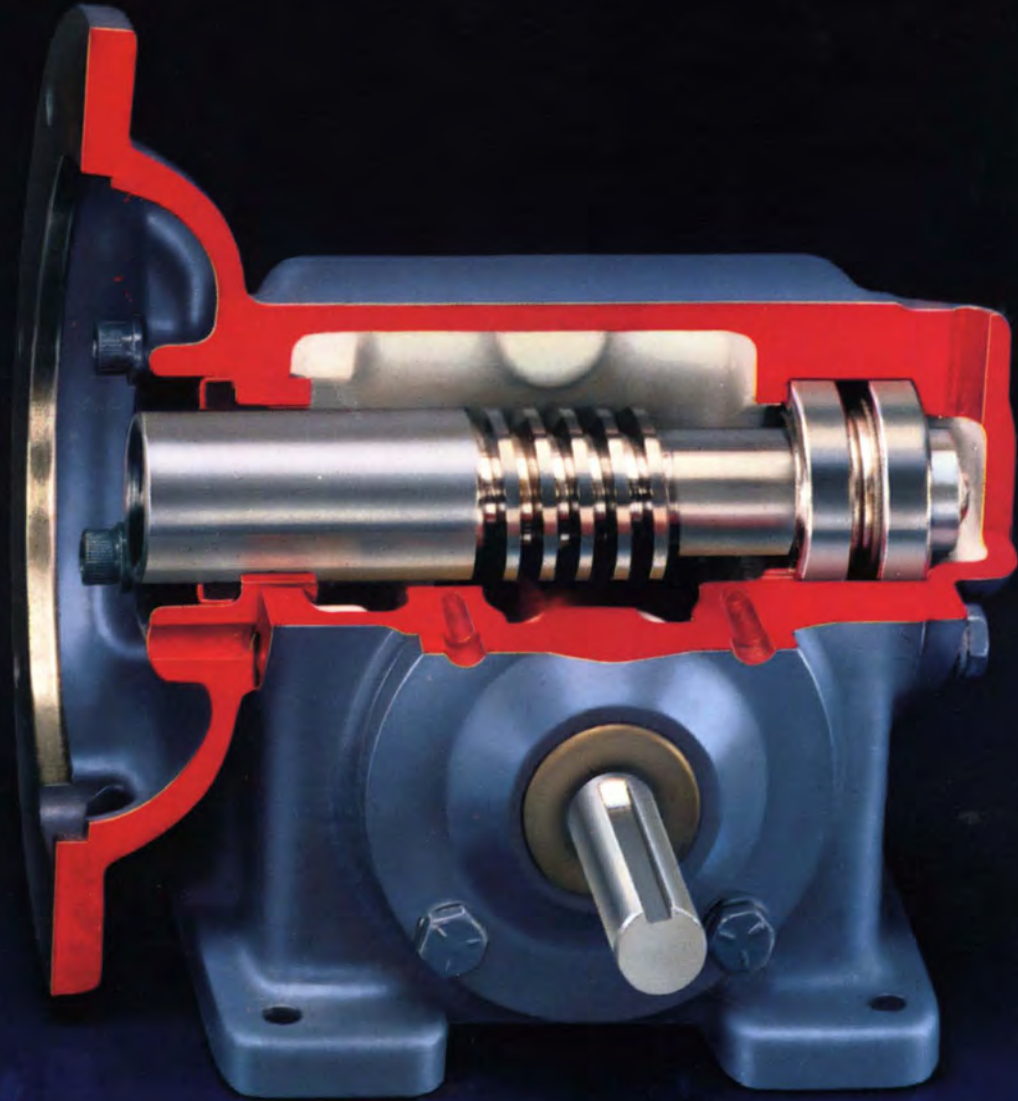


WINSMITH



C-LINE



WORM GEAR SPEED REDUCERS

CATALOG 100K

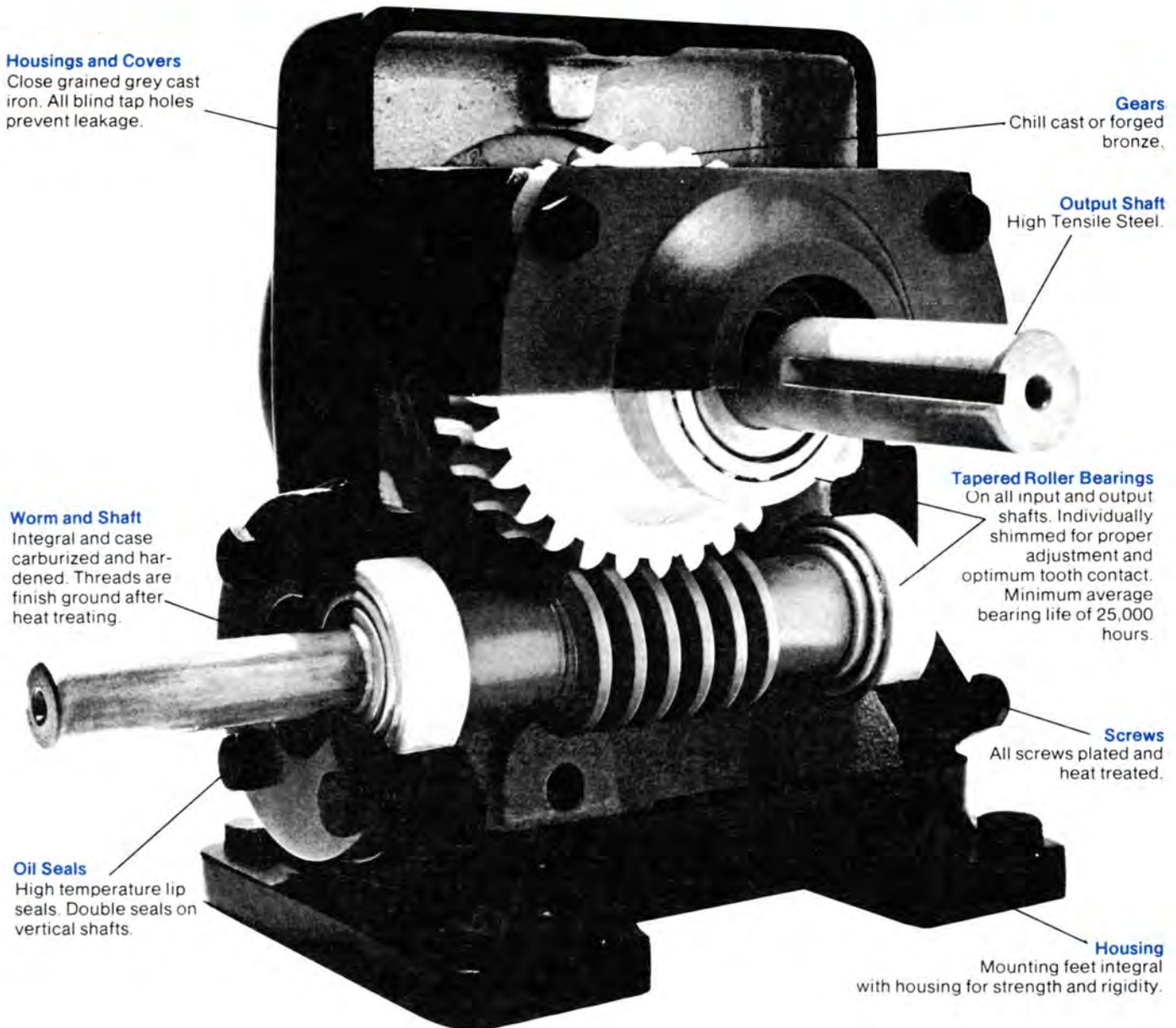
RATED IN STRICT ACCORDANCE TO AGMA STANDARDS



WinSmith is a member of the American Gear Manufacturers Association. We rate the reducers in this catalog to AGMA Standard #6034-A87



What to look for in a Worm Gear Speed Reducer



GENERAL FEATURES

- Per AGMA Standard #6034-B92
- Each unit is test run.
- All units factory filled with oil to the proper level, ready for service.
- External grease fittings allow for additional lubrication to the pre-packed bearings above the oil level.
- Fill, level and drain plugs appropriately located.
- More than 13,000,000 standard reducers are available — all of which can be customized to suit your special application.



WINSMITH DISTRICT OFFICES

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See Georgia

CALIFORNIA

Los Angeles (Santa Fe Springs)
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Fax 315/684-3562
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FAX 716/751-4051

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Warwick
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FAX 401/732-4583

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FAX 877/867-5386

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Vinton
540/890-7756
FAX 540/890-7855

WISCONSIN

Cedarburg
262/375-4465
FAX 262/375-4175

BRITISH COLUMBIA

See Springville, NY

ONTARIO

Toronto (Mississauga)
■ **Service Center**
905/828-1222
FAX 905/828-1225

WINSMITH®'s Regional Service Centers, shown on the map, can provide prompt solutions to your unique delivery requirements. Each Service Center is fully stocked with the necessary components and assemblies to provide a wide variety of finished units with the same high quality that you expect from WINSMITH's manufacturing plants.



WINSMITH SERVICE CENTERS



D-90® TYPE SE®

The D-90 TYPE SE is the latest version of WINSMITH's world class single enveloping worm gear reducers. It encompasses our high efficiency gearing with improved flexibility plus many special features and new offerings to provide the most complete selection of worm gear products, ever, from WINSMITH®. Available in single and double reduction in all models and now available in a 4.25" center distance unit. Ratios from 4:1 to 10,000:1 and with output torques up to 10,700 inch pounds. Request Catalog 290



D-90® TYPE DE®

The D-90 TYPE DE uses double enveloping worm gearing thus combining high load capacity with high efficiency to achieve more torque per pound. Available in single and double reductions, it has a combined ratio range from 5:1 to 10,000:1 and output torques up to 93,000 in. lbs. Request Catalog 190

TYPE SW

The WINSMITH Type SW gear reducer is designed for maximum torque in the smallest possible package. Its compact design results in the "size wise" use of available space in machine design applications. It is available in seven center distance sizes from 1.33" to 3.75", and in single and double reduction ratios, from 5:1 to 3600:1. Eight popular models are cataloged, with output torques up to 6500"#. Request Catalog 300



MOTION CONTROL PRODUCTS

The WINSMITH MOTION CONTROL gear product line has been specifically designed for motion control applications. The backlash control levels are well below standard industrial products, the motor interfaces are designed for NEMA frames and servo motors, the selection procedures are uniquely motion control sensitive and the speeds of operation match most servo capabilities. WINSMITH's new precision gear drives for motion control applications make it easy to specify the right precision gear drive for your situation. Request Catalog 400

W/H GEAR

The W/H Gear Series is available in helical inline units and in a helical-bevel right angle design. The concentric inline units come in 10 sizes with a ratio range from 1.6:1 to 1250:1 with output torques up to 140,000 in. lbs. The helical-bevel right angle units (solid or hollow output shafts) are available in ratios from 12.5:1 to 1250:1 in six (6) sizes with a maximum torque of 49,000 in. lbs. Catalog features selection tables, ratings, and dimensions on both versions of the W/H Gear Series products. Request Catalog 200



PLANETARY

WINSMITH planetary reducers combine high load capacity, smooth quiet operation and long operating life in a very compact package. Offers any ratio of reduction from 1.1:1 up to 50,000:1 as standard in a single stage and housing. Request Catalog 110

WINKOPP®

A highly efficient and compact mechanical adjustable speed drive. The WINKOPP ball-type traction drive offers frequent, precise and repeatable speed changes by manual or automatic methods. Wide speed ranges at input HP ratings from 0.17 HP to 16.85 HP at speeds from 600-1800 RPM. Request Catalog 323



THE BOOK

"The Speed Reducer Book" is a practical guide to enclosed gear drives. It covers the history, application, installation and maintenance of all popular types of enclosed gear drives used in industry. Includes guidance in selection, analysis, and trouble shooting. Request "The Book"

**FOR ADDITIONAL INFORMATION ON THESE AND OTHER WINSMITH PRODUCTS
CALL: 716/592-9310 • FAX 716/592-9546
WRITE 172 EATON STREET, SPRINGVILLE, NY 14141-1197
OR VISIT OUR WEB-SITE: www.winsmith.com**



PEARLESS-WINSMITH, INC.

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