

AMERICAN GEAR MANUFACTURERS ASSOCIATION

*Load Classification and Service
Factors for Flexible Couplings*

AGMA 922-A96



AGMA INFORMATION SHEET

(This Information Sheet is NOT an AGMA Standard)

**American
Gear
Manufacturers
Association**

Load Classification and Service Factors for Flexible Couplings
AGMA 922-A96

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ABSTRACT

This information sheet provides suggested load classifications and related service factors that are most frequently used for various flexible coupling applications. Typical applications using smooth prime movers are listed. Special considerations which may involve unusual or severe loading are also discussed.

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Foreword

[The foreword is provided for informational purposes only and should not be construed as a part of AGMA 922-A96, *Load Classification and Service Factors for Flexible Couplings*.]

This document was developed originally as standard AGMA 514.01 by the Flexible Coupling Product Group of AGMA to show some of the applications for flexible couplings and to serve as a guide to the character of the loads found in these applications. It made no attempt to include all possible applications for flexible couplings, but a sufficient number and variety were covered to serve as a guide for proper application.

The load classification and service factors shown in this document vary for some types of equipment from identical or similar equipment as shown in other AGMA Standards. Such variations are not errors or discrepancies, but have been determined based on design, construction and limitations of the flexible coupling.

The first draft of AGMA 514.01 was prepared by the Flexible Coupling Technical Committee in January 1968. It was approved by Flexible Coupling Product Group 7 on October 20, 1968. AGMA 514.01 became an official AGMA standard on May 27, 1969. AGMA 514.02 was a revision of AGMA 514.01. The major change was the addition of Service Factors to table 2. AGMA 514.02 was approved by the AGMA Membership on October 22, 1971.

The Flexible Couplings Committee voted to change the standard to an information sheet. The only changes made were editorial, necessary to reflect an information sheet.

Suggestions for the improvement of this information sheet will be welcome. They should be sent to the American Gear Manufacturers Association, 1500 King Street, Suite 201, Alexandria, Virginia, 22314.