

Table of Contents

Section 1: Introduction and Bearing Styles

Section 2: Engineering Guide

Engineering Guide Introduction	2-1
Applications	2-2
Engineering Guide	2-4
Calculating Loads.....	2-5
Static Capacity Charts	2-6
Ball Bearing Analysis	2-7
Static and Dynamic Load Analysis	2-8
Fastening Bolts	2-9
Mounting Hole Types	2-10
Gearing.....	2-11
Mounting Structures.....	2-12
Installation	2-13
Post Installation.....	2-14
Maximum Clearance Values.....	2-15
Lubrication, Maintenance and Storage.....	2-16
Additional Considerations.....	2-17
Bearing Design Support.....	2-18
Avon Bearings Application Data Sheet	2-19

Section 3: Series M and H Bearings

Section 4: Series T Bearings

Section 5: Series R Bearings

Section 6: Series TR Bearings

Section 7: Metric Bearings

Section 8: Extra Large Bearings

Section 9: Other Types of Avon Bearings

Section 10: Miscellaneous

