

IRONHORSE™

WORM GEARBOX

USER MANUAL

TABLE OF CONTENTS



Chapter 1: Getting Started	1-1
Manual Overview	1-2
Overview of This Publication	1-2
Who Should Read This Manual	1-2
Technical Support	1-2
Special Symbols	1-2
IronHorse™ Worm Gearbox Introduction	1-3
Purpose of Worm Gearboxes	1-3
Package Contents	1-3
Part Number Explanation	1-4
Nameplate Information	1-4
IronHorse™ Worm Gearbox Specifications	1-5
Gearbox Selection Factors	1-9
Service Factors and K Factors	1-9
Chapter 2: Installation and Lubrication	2-1
IronHorse™ Worm Gearbox Installation	2-2
Installation Instructions	2-2
Vent Plug Installation	2-3
Gearbox Dimensions	2-4
IronHorse™ Worm Gearbox Mounting Bases	2-6
Mounting Base Selection and Dimensions	2-6
IronHorse™ Worm Gearbox Lubrication & Mounting Orientations	2-7
Lubrication Instructions	2-7
Lubricant Selection	2-7
Lubricant Capacities & Mounting Orientations	2-8

Table of Contents

Appendix A: Glossary of Terms	A-1
Glossary of Gearbox Terms	A-2
Appendix B: Gearbox Selection	B-1
Gearbox Selection Procedure	B-2
Gearbox Selection Steps	B-2
Gearbox Selection Example	B-2