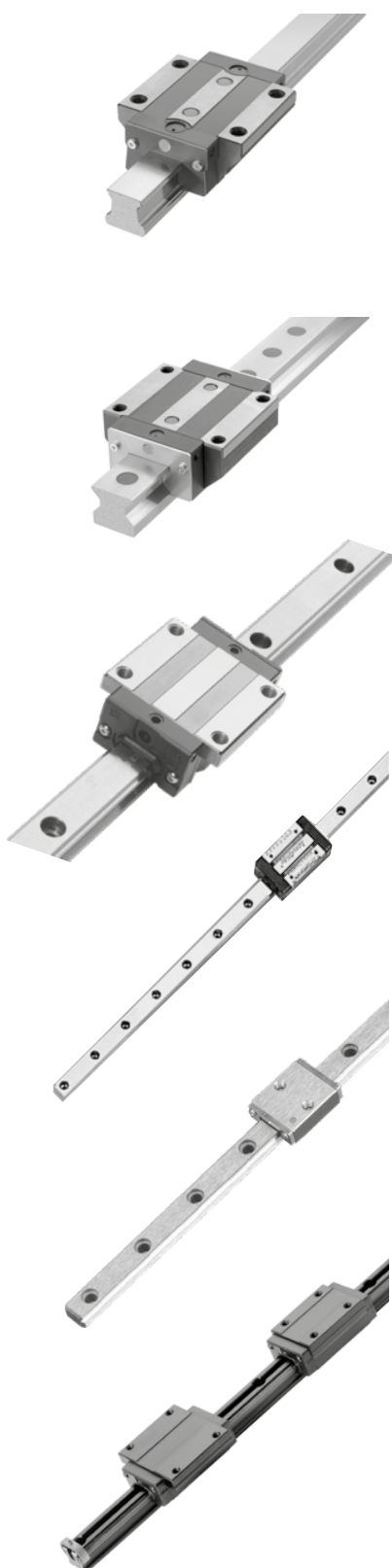


Table of Contents



Overview of Thomson Profile Rail Linear Guides 4

500 Series Ball Profile Rail Linear Guide 8
Thomson Next Generation Profile Rail. Superior Design. Superior Quality.
 Product overview 9
 Part numbering 18
 Datasheets 22
 Options and accessories 36
 Accuracy information 47
 Preload information 47

500 Series Roller Profile Rail Linear Guide 48
Thomson Next Generation Profile Rail. Superior Design. Superior Quality.
 Product overview 49
 Part numbering 57
 Datasheets 60
 Options and accessories 64
 Lubrication Fittings 75
 Accuracy information 76
 Preload information 76

400 Series Profile Rail Linear Guide 78
Transport Grade Ball Profile Rail System.
 Product overview 78
 Part numbering 80
 Datasheets 82
 Life calculations and tolerances 90
 Running smoothness 91
 Carriage dowel holes information 92
 Rail information 94
 Accessories 95
 Oil fittings 97

AccuMini 99
Ultra Compact, High Roll & Superior, Patented Ball Control Design.
 Product overview 99
 Part numbering 99
 Datasheets 100
 Accuracy information 102
 Preload information 102

MicroGuide 103

T-Series 111

Installation Guide 118

Engineering Guide 122
 Sizing, selection and life load calculations 124
 Deflection 129
 Lubrication 152
 Bellow cover calculations 154
 Butt joint specification sheets 155
 Conversion factors 156

Interchange Guide 157

500 Series Ball Profile Rail

500 Series Roller Profile Rail

400 Series Profile Rail

AccuMini

MicroGuide

T-Series

Installation Guide

Engineering Guide

Interchange Guide