

Axial Piston Variable Pump A4VG

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1/64

Data sheet

Series 32
Sizes 28...250
Nominal pressure 400 bar
Peak pressure 450 bar
Closed circuit



Contents

Ordering Code / Standard Program	2
Technical Data	5
High-Pressure Relief Valves	9
Pressure Cut-Off, D	10
NV - Version Without Control Unit	11
DG - Hydraulic Control, Direct Operated	11
EZ - Electric Two-Point Control, With Switching Solenoid	11
HD - Hydraulic Control, Pilot-Pressure Related	12
HW - Hydraulic Control, Mechanical Servo	13
EP - Electric Control, With Proportional Solenoid	14
DA - Hydraulic Control, Speed Related	16
Unit Dimensions, Size 28	18
Unit Dimensions, Size 40	22
Unit Dimensions, Size 55	26
Unit Dimensions, Size 71	30
Unit Dimensions, Size 90	34
Unit Dimensions, Size 125	38
Unit Dimensions, Size 180	42
Unit Dimensions, Size 250	46
Through Drive Dimensions	50
Overview of Attachments on A4VG	53
Combination Pumps A4VG + A4VG	53
Mechanical Stroke Limiter, M	54
Ports X ₃ and X ₄ for Positioning Pressure, T	54
Filtration Types	55
Swivel Angle Indicator	59
Connector for Solenoids (Only for EP, EZ, DA)	60
Rotary-Inch Valve	61
Installation Situation for Coupling Assembly	62
Installation Notes	63
General Notes	64

Features

- Variable axial piston pump of swashplate design for hydrostatic closed circuit transmissions
- Flow is proportional to drive speed and displacement and is infinitely variable
- Output flow increases with the swivel angle of the swashplate from 0 to its maximum value
- Flow direction changes smoothly when the swashplate is moved through the neutral position
- A wide range of highly adaptable control devices is available for different control and regulating functions
- The pump is equipped with two pressure-relief valves on the high pressure ports to protect the hydrostatic transmission (pump and motor) from overload
- The high-pressure relief valves also function as boost valves
- The integrated boost pump acts as a feed and control oil pump
- The maximum boost pressure is limited by a built-in boost pressure relief valve
- The integral pressure cut-off is standard

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Table of Contents Rexroth A4v Service Manual

1. Understanding the eBook Rexroth A4v Service Manual
 - The Rise of Digital Reading Rexroth A4v Service Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Rexroth A4v Service Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Rexroth A4v Service Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Rexroth A4v Service Manual
 - Personalized Recommendations
 - Rexroth A4v Service Manual User Reviews and Ratings
 - Rexroth A4v Service Manual and Bestseller Lists
5. Accessing Rexroth A4v Service Manual Free and Paid eBooks
 - Rexroth A4v Service Manual Public Domain eBooks
 - Rexroth A4v Service Manual eBook Subscription Services
 - Rexroth A4v Service Manual Budget-Friendly Options

6. Navigating Rexroth A4v Service Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Rexroth A4v Service Manual Compatibility with Devices
 - Rexroth A4v Service Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Rexroth A4v Service Manual
 - Highlighting and Note-Taking Rexroth A4v Service Manual
 - Interactive Elements Rexroth A4v Service Manual
8. Staying Engaged with Rexroth A4v Service Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Rexroth A4v Service Manual
9. Balancing eBooks and Physical Books Rexroth A4v Service Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Rexroth A4v Service Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Rexroth A4v Service Manual
 - Setting Reading Goals Rexroth A4v Service Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Rexroth A4v Service Manual
 - Fact-Checking eBook Content of Rexroth A4v Service Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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