+357 96 030922
info@marketpublishers.com

Global Electromagnetic Brakes for Humanoid Robot Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GF0C873CF7FCEN.html
Date: August 2026
Pages: 148
Price: US$ 4,480.00 (Single User License)
ID: GF0C873CF7FCEN

Abstracts

The global Electromagnetic Brakes for Humanoid Robot market size is expected to reach $ 62.83 million by 2032, rising at a market growth of 20.1% CAGR during the forecast period (2026-2032).

In 2025, global Electromagnetic Brakes for Humanoid Robot production reached approximately 35,000 units with average price of 100 USD/Unit.

Electromagnetic brakes for humanoid robots are safety and motion-control components installed in joint actuators, servo motors or reducer assemblies. They stop joint motion, hold a commanded position and prevent uncontrolled movement or joint collapse during power loss, emergency shutdowns or control-system failures. A typical brake consists of an electromagnetic coil, armature, friction disc, springs, magnetic components and a mounting structure, and is integrated with the motor, reducer, encoder and drive electronics to form a compact joint actuator.

The principal technologies are spring-applied electromagnetic brakes and permanent-magnet brakes. Spring-applied brakes engage mechanically when power is removed and release when the coil is energized, providing fail-safe protection for load-bearing joints such as the hip, knee, ankle, waist and shoulder. Permanent-magnet brakes can provide compact construction, rapid response, backlash-free torque transmission and accurate holding performance. Product development is increasingly focused on slim profiles, hollow-shaft structures, high torque density, low power consumption and quiet operation.

Upstream suppliers provide soft magnetic steel, electrical steel, permanent magnets, enamelled copper wire, friction materials, spring steel, bearings, fasteners, precision-

+357 96 030922
info@marketpublishers.com

stamped components and machined parts. Sensors, brake controllers and power-management electronics may also be included. Magnetic properties, friction stability, thermal resistance and dimensional accuracy directly influence holding torque, response time, service life and operating noise.

The midstream segment includes electromagnetic brake manufacturers, servo-motor suppliers, precision-reducer manufacturers and integrated joint-module companies. Brake suppliers undertake magnetic-circuit design, coil winding, friction-pair development, spring matching, thermal management, lifecycle testing and safety validation. Joint-module manufacturers integrate the brake with frameless torque motors, harmonic or planetary reducers, encoders, drives and structural housings. Slim hollow-shaft brakes are particularly suitable for humanoid joints because power, communication and sensor cables can be routed through the centre of the actuator.

Downstream customers include humanoid robot manufacturers and end users in automotive production, warehousing, logistics, electronics assembly, commercial services, rehabilitation and household assistance. Requirements differ by joint. Leg and waist joints emphasize high holding torque, shock resistance and fail-safe operation, while arm joints place greater importance on low weight, rapid release and low drag torque. Small hand and finger joints may use miniature brakes, mechanical locking mechanisms or brake-free actuator designs.

The market remains at an early commercialization stage but has attractive long-term growth potential. Commercial humanoid platforms increasingly contain large numbers of powered joints, with some systems disclosing more than twenty to forty joint motors and high peak torque at load-bearing leg joints. As humanoid robots move from demonstrations into factories, warehouses and human-shared environments, emergency stopping, power-off holding and protection against uncontrolled arm or body movement will become increasingly important. This is expected to support demand for high-reliability brakes in critical hip, knee, ankle, waist and shoulder actuators.

Future development will focus on higher torque density, thinner hollow-shaft construction, lower weight, minimal residual drag, millisecond-level response, low noise and reduced holding power. Energy-saving controllers can provide high initial current for brake release and then reduce voltage or use pulse-width modulation to limit steady-state power consumption and heat generation. Brakes are also expected to become more closely integrated with encoders, drives and functional-safety systems, enabling wear monitoring, temperature sensing, torque diagnostics and predictive maintenance.

+357 96 030922
info@marketpublishers.com

Report Scope

This report studies the global Electromagnetic Brakes for Humanoid Robot production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Electromagnetic Brakes for Humanoid Robot and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Electromagnetic Brakes for Humanoid Robot that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Electromagnetic Brakes for Humanoid Robot total production and demand, 2021-2032, (K Units)
Global Electromagnetic Brakes for Humanoid Robot total production value, 2021-2032, (USD Million)
Global Electromagnetic Brakes for Humanoid Robot production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)
Global Electromagnetic Brakes for Humanoid Robot consumption by region & country, CAGR, 2021-2032 & (K Units)
U.S. VS China: Electromagnetic Brakes for Humanoid Robot domestic production, consumption, key domestic manufacturers and share
Global Electromagnetic Brakes for Humanoid Robot production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)
Global Electromagnetic Brakes for Humanoid Robot production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
Global Electromagnetic Brakes for Humanoid Robot production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Electromagnetic Brakes for Humanoid Robot market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kendrion N.V., Chr. Mayr GmbH + Co. KG, KEB Automation KG, Warner Electric, Ogura Clutch Co., Ltd., Miki Pulley Co., Ltd., Nexen Group, Inc., PRECIMA Magnettechnik GmbH, SINFONIA TECHNOLOGY CO., LTD., MinebeaMitsumi Inc., etc.

+357 96 030922
info@marketpublishers.com

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Electromagnetic Brakes for Humanoid Robot market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Electromagnetic Brakes for Humanoid Robot Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Electromagnetic Brakes for Humanoid Robot Market, Segmentation by Type:

Spring-Applied Power-Off Electromagnetic Brake

Permanent-Magnet Power-Off Brake

+357 96 030922
info@marketpublishers.com

Power-On Electromagnetic Friction Brake

Others

Global Electromagnetic Brakes for Humanoid Robot Market, Segmentation by Structure:

Ultra-Thin Hollow Compact Brake

Micro Flange Compact Brake

Flat Integrated Brake

Global Electromagnetic Brakes for Humanoid Robot Market, Segmentation by Torque:

Below 1 Nm

1-5 Nm

5-20 Nm

Above 20 Nm

Global Electromagnetic Brakes for Humanoid Robot Market, Segmentation by Application:

Humanoid Robot Arm Joints

Humanoid Robot Leg Joints

Waist and Torso Joints

Others

Companies Profiled:

+357 96 030922
info@marketpublishers.com

Kendrion N.V.

Chr. Mayr GmbH + Co. KG

KEB Automation KG

Warner Electric

Ogura Clutch Co., Ltd.

Miki Pulley Co., Ltd.

Nexen Group, Inc.

PRECIMA Magnettechnik GmbH

SINFONIA TECHNOLOGY CO., LTD.

MinebeaMitsumi Inc.

Ortlinghaus-Werke GmbH

Electroid Company

Mach III Clutch, Inc.

Chengdu Reach Machinery Co., Ltd.

Chengdu CDC Technology Co., Ltd.

Zhuji Miki Technology Co., Ltd.

Suzhou Jipai Electromagnetic Technology Co., Ltd.

Jiangxi Huawu Brake Co., Ltd.

Key Questions Answered:

1. How big is the global Electromagnetic Brakes for Humanoid Robot market?

+357 96 030922
info@marketpublishers.com

2. What is the demand of the global Electromagnetic Brakes for Humanoid Robot market?
3. What is the year over year growth of the global Electromagnetic Brakes for Humanoid Robot market?
4. What is the production and production value of the global Electromagnetic Brakes for Humanoid Robot market?
5. Who are the key producers in the global Electromagnetic Brakes for Humanoid Robot market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Electromagnetic Brakes for Humanoid Robot Introduction
1.2 World Electromagnetic Brakes for Humanoid Robot Supply & Forecast
  1.2.1 World Electromagnetic Brakes for Humanoid Robot Production Value (2021 & 2025 & 2032)
  1.2.2 World Electromagnetic Brakes for Humanoid Robot Production (2021-2032)
  1.2.3 World Electromagnetic Brakes for Humanoid Robot Pricing Trends (2021-2032)
1.3 World Electromagnetic Brakes for Humanoid Robot Production by Region (Based on Production Site)
  1.3.1 World Electromagnetic Brakes for Humanoid Robot Production Value by Region (2021-2032)
  1.3.2 World Electromagnetic Brakes for Humanoid Robot Production by Region (2021-2032)
  1.3.3 World Electromagnetic Brakes for Humanoid Robot Average Price by Region (2021-2032)
  1.3.4 North America Electromagnetic Brakes for Humanoid Robot Production (2021-2032)
  1.3.5 Europe Electromagnetic Brakes for Humanoid Robot Production (2021-2032)
  1.3.6 China Electromagnetic Brakes for Humanoid Robot Production (2021-2032)
  1.3.7 Japan Electromagnetic Brakes for Humanoid Robot Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Electromagnetic Brakes for Humanoid Robot Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Electromagnetic Brakes for Humanoid Robot Major Market Trends

2 DEMAND SUMMARY

2.1 World Electromagnetic Brakes for Humanoid Robot Demand (2021-2032)
2.2 World Electromagnetic Brakes for Humanoid Robot Consumption by Region
  2.2.1 World Electromagnetic Brakes for Humanoid Robot Consumption by Region (2021-2026)
  2.2.2 World Electromagnetic Brakes for Humanoid Robot Consumption Forecast by Region (2027-2032)
2.3 United States Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)
2.4 China Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)

+357 96 030922
info@marketpublishers.com

2.5 Europe Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)
2.6 Japan Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)
2.7 South Korea Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)
2.8 ASEAN Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)
2.9 India Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Electromagnetic Brakes for Humanoid Robot Production Value by Manufacturer (2021-2026)
3.2 World Electromagnetic Brakes for Humanoid Robot Production by Manufacturer (2021-2026)
3.3 World Electromagnetic Brakes for Humanoid Robot Average Price by Manufacturer (2021-2026)
3.4 Electromagnetic Brakes for Humanoid Robot Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Electromagnetic Brakes for Humanoid Robot Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Electromagnetic Brakes for Humanoid Robot in 2025
  3.5.3 Global Concentration Ratios (CR8) for Electromagnetic Brakes for Humanoid Robot in 2025
3.6 Electromagnetic Brakes for Humanoid Robot Market: Overall Company Footprint Analysis
  3.6.1 Electromagnetic Brakes for Humanoid Robot Market: Region Footprint
  3.6.2 Electromagnetic Brakes for Humanoid Robot Market: Company Product Type Footprint
  3.6.3 Electromagnetic Brakes for Humanoid Robot Market: Company Product Application Footprint
3.7 Competitive Environment
  3.7.1 Historical Structure of the Industry
  3.7.2 Barriers of Market Entry
  3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

+357 96 030922
info@marketpublishers.com

4.1 United States VS China: Electromagnetic Brakes for Humanoid Robot Production Value Comparison
4.1.1 United States VS China: Electromagnetic Brakes for Humanoid Robot Production Value Comparison (2021 & 2025 & 2032)
4.1.2 United States VS China: Electromagnetic Brakes for Humanoid Robot Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Electromagnetic Brakes for Humanoid Robot Production Comparison
4.2.1 United States VS China: Electromagnetic Brakes for Humanoid Robot Production Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: Electromagnetic Brakes for Humanoid Robot Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Electromagnetic Brakes for Humanoid Robot Consumption Comparison
4.3.1 United States VS China: Electromagnetic Brakes for Humanoid Robot Consumption Comparison (2021 & 2025 & 2032)
4.3.2 United States VS China: Electromagnetic Brakes for Humanoid Robot Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Electromagnetic Brakes for Humanoid Robot Manufacturers and Market Share, 2021-2026
4.4.1 United States Based Electromagnetic Brakes for Humanoid Robot Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value (2021-2026)
4.4.3 United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production (2021-2026)
4.5 China Based Electromagnetic Brakes for Humanoid Robot Manufacturers and Market Share
4.5.1 China Based Electromagnetic Brakes for Humanoid Robot Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value (2021-2026)
4.5.3 China Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production (2021-2026)
4.6 Rest of World Based Electromagnetic Brakes for Humanoid Robot Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Electromagnetic Brakes for Humanoid Robot Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot

+357 96 030922
info@marketpublishers.com

Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Electromagnetic Brakes for Humanoid Robot Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 Spring-Applied Power-Off Electromagnetic Brake
5.2.2 Permanent-Magnet Power-Off Brake
5.2.3 Power-On Electromagnetic Friction Brake
5.2.4 Others
5.3 Market Segment by Type
5.3.1 World Electromagnetic Brakes for Humanoid Robot Production by Type (2021-2032)
5.3.2 World Electromagnetic Brakes for Humanoid Robot Production Value by Type (2021-2032)
5.3.3 World Electromagnetic Brakes for Humanoid Robot Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY STRUCTURE

6.1 World Electromagnetic Brakes for Humanoid Robot Market Size Overview by Structure: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Structure
6.2.1 Ultra-Thin Hollow Compact Brake
6.2.2 Micro Flange Compact Brake
6.2.3 Flat Integrated Brake
6.3 Market Segment by Structure
6.3.1 World Electromagnetic Brakes for Humanoid Robot Production by Structure (2021-2032)
6.3.2 World Electromagnetic Brakes for Humanoid Robot Production Value by Structure (2021-2032)
6.3.3 World Electromagnetic Brakes for Humanoid Robot Average Price by Structure (2021-2032)

7 MARKET ANALYSIS BY TORQUE

+357 96 030922
info@marketpublishers.com

7.1 World Electromagnetic Brakes for Humanoid Robot Market Size Overview by Torque: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Torque
  7.2.1 Below 1 Nm
  7.2.2 1-5 Nm
  7.2.3 5-20 Nm
  7.2.4 Above 20 Nm
7.3 Market Segment by Torque
  7.3.1 World Electromagnetic Brakes for Humanoid Robot Production by Torque (2021-2032)
  7.3.2 World Electromagnetic Brakes for Humanoid Robot Production Value by Torque (2021-2032)
  7.3.3 World Electromagnetic Brakes for Humanoid Robot Average Price by Torque (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Electromagnetic Brakes for Humanoid Robot Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
  8.2.1 Humanoid Robot Arm Joints
  8.2.2 Humanoid Robot Leg Joints
  8.2.3 Waist and Torso Joints
  8.2.4 Others
8.3 Market Segment by Application
  8.3.1 World Electromagnetic Brakes for Humanoid Robot Production by Application (2021-2032)
  8.3.2 World Electromagnetic Brakes for Humanoid Robot Production Value by Application (2021-2032)
  8.3.3 World Electromagnetic Brakes for Humanoid Robot Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Kendrion N.V.
  9.1.1 Kendrion N.V. Details
  9.1.2 Kendrion N.V. Major Business
  9.1.3 Kendrion N.V. Electromagnetic Brakes for Humanoid Robot Product and Services

+357 96 030922
info@marketpublishers.com

9.1.4 Kendrion N.V. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 Kendrion N.V. Recent Developments/Updates
9.1.6 Kendrion N.V. Competitive Strengths & Weaknesses
9.2 Chr. Mayr GmbH + Co. KG
9.2.1 Chr. Mayr GmbH + Co. KG Details
9.2.2 Chr. Mayr GmbH + Co. KG Major Business
9.2.3 Chr. Mayr GmbH + Co. KG Electromagnetic Brakes for Humanoid Robot Product and Services
9.2.4 Chr. Mayr GmbH + Co. KG Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 Chr. Mayr GmbH + Co. KG Recent Developments/Updates
9.2.6 Chr. Mayr GmbH + Co. KG Competitive Strengths & Weaknesses
9.3 KEB Automation KG
9.3.1 KEB Automation KG Details
9.3.2 KEB Automation KG Major Business
9.3.3 KEB Automation KG Electromagnetic Brakes for Humanoid Robot Product and Services
9.3.4 KEB Automation KG Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 KEB Automation KG Recent Developments/Updates
9.3.6 KEB Automation KG Competitive Strengths & Weaknesses
9.4 Warner Electric
9.4.1 Warner Electric Details
9.4.2 Warner Electric Major Business
9.4.3 Warner Electric Electromagnetic Brakes for Humanoid Robot Product and Services
9.4.4 Warner Electric Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Warner Electric Recent Developments/Updates
9.4.6 Warner Electric Competitive Strengths & Weaknesses
9.5 Ogura Clutch Co., Ltd.
9.5.1 Ogura Clutch Co., Ltd. Details
9.5.2 Ogura Clutch Co., Ltd. Major Business
9.5.3 Ogura Clutch Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
9.5.4 Ogura Clutch Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 Ogura Clutch Co., Ltd. Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

9.5.6 Ogura Clutch Co., Ltd. Competitive Strengths & Weaknesses
9.6 Miki Pulley Co., Ltd.
9.6.1 Miki Pulley Co., Ltd. Details
9.6.2 Miki Pulley Co., Ltd. Major Business
9.6.3 Miki Pulley Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
9.6.4 Miki Pulley Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 Miki Pulley Co., Ltd. Recent Developments/Updates
9.6.6 Miki Pulley Co., Ltd. Competitive Strengths & Weaknesses
9.7 Nexen Group, Inc.
9.7.1 Nexen Group, Inc. Details
9.7.2 Nexen Group, Inc. Major Business
9.7.3 Nexen Group, Inc. Electromagnetic Brakes for Humanoid Robot Product and Services
9.7.4 Nexen Group, Inc. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 Nexen Group, Inc. Recent Developments/Updates
9.7.6 Nexen Group, Inc. Competitive Strengths & Weaknesses
9.8 PRECIMA Magnettechnik GmbH
9.8.1 PRECIMA Magnettechnik GmbH Details
9.8.2 PRECIMA Magnettechnik GmbH Major Business
9.8.3 PRECIMA Magnettechnik GmbH Electromagnetic Brakes for Humanoid Robot Product and Services
9.8.4 PRECIMA Magnettechnik GmbH Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 PRECIMA Magnettechnik GmbH Recent Developments/Updates
9.8.6 PRECIMA Magnettechnik GmbH Competitive Strengths & Weaknesses
9.9 SINFONIA TECHNOLOGY CO., LTD.
9.9.1 SINFONIA TECHNOLOGY CO., LTD. Details
9.9.2 SINFONIA TECHNOLOGY CO., LTD. Major Business
9.9.3 SINFONIA TECHNOLOGY CO., LTD. Electromagnetic Brakes for Humanoid Robot Product and Services
9.9.4 SINFONIA TECHNOLOGY CO., LTD. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 SINFONIA TECHNOLOGY CO., LTD. Recent Developments/Updates
9.9.6 SINFONIA TECHNOLOGY CO., LTD. Competitive Strengths & Weaknesses
9.10 MinebeaMitsumi Inc.
9.10.1 MinebeaMitsumi Inc. Details

+357 96 030922
info@marketpublishers.com

9.10.2 MinebeaMitsumi Inc. Major Business
9.10.3 MinebeaMitsumi Inc. Electromagnetic Brakes for Humanoid Robot Product and Services
9.10.4 MinebeaMitsumi Inc. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.10.5 MinebeaMitsumi Inc. Recent Developments/Updates
9.10.6 MinebeaMitsumi Inc. Competitive Strengths & Weaknesses
9.11 Ortlinghaus-Werke GmbH
9.11.1 Ortlinghaus-Werke GmbH Details
9.11.2 Ortlinghaus-Werke GmbH Major Business
9.11.3 Ortlinghaus-Werke GmbH Electromagnetic Brakes for Humanoid Robot Product and Services
9.11.4 Ortlinghaus-Werke GmbH Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.11.5 Ortlinghaus-Werke GmbH Recent Developments/Updates
9.11.6 Ortlinghaus-Werke GmbH Competitive Strengths & Weaknesses
9.12 Electroid Company
9.12.1 Electroid Company Details
9.12.2 Electroid Company Major Business
9.12.3 Electroid Company Electromagnetic Brakes for Humanoid Robot Product and Services
9.12.4 Electroid Company Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.12.5 Electroid Company Recent Developments/Updates
9.12.6 Electroid Company Competitive Strengths & Weaknesses
9.13 Mach III Clutch, Inc.
9.13.1 Mach III Clutch, Inc. Details
9.13.2 Mach III Clutch, Inc. Major Business
9.13.3 Mach III Clutch, Inc. Electromagnetic Brakes for Humanoid Robot Product and Services
9.13.4 Mach III Clutch, Inc. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.13.5 Mach III Clutch, Inc. Recent Developments/Updates
9.13.6 Mach III Clutch, Inc. Competitive Strengths & Weaknesses
9.14 Chengdu Reach Machinery Co., Ltd.
9.14.1 Chengdu Reach Machinery Co., Ltd. Details
9.14.2 Chengdu Reach Machinery Co., Ltd. Major Business
9.14.3 Chengdu Reach Machinery Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services

+357 96 030922
info@marketpublishers.com

9.14.4 Chengdu Reach Machinery Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.14.5 Chengdu Reach Machinery Co., Ltd. Recent Developments/Updates
9.14.6 Chengdu Reach Machinery Co., Ltd. Competitive Strengths & Weaknesses
9.15 Chengdu CDC Technology Co., Ltd.
9.15.1 Chengdu CDC Technology Co., Ltd. Details
9.15.2 Chengdu CDC Technology Co., Ltd. Major Business
9.15.3 Chengdu CDC Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
9.15.4 Chengdu CDC Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.15.5 Chengdu CDC Technology Co., Ltd. Recent Developments/Updates
9.15.6 Chengdu CDC Technology Co., Ltd. Competitive Strengths & Weaknesses
9.16 Zhuji Miki Technology Co., Ltd.
9.16.1 Zhuji Miki Technology Co., Ltd. Details
9.16.2 Zhuji Miki Technology Co., Ltd. Major Business
9.16.3 Zhuji Miki Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
9.16.4 Zhuji Miki Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.16.5 Zhuji Miki Technology Co., Ltd. Recent Developments/Updates
9.16.6 Zhuji Miki Technology Co., Ltd. Competitive Strengths & Weaknesses
9.17 Suzhou Jipai Electromagnetic Technology Co., Ltd.
9.17.1 Suzhou Jipai Electromagnetic Technology Co., Ltd. Details
9.17.2 Suzhou Jipai Electromagnetic Technology Co., Ltd. Major Business
9.17.3 Suzhou Jipai Electromagnetic Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
9.17.4 Suzhou Jipai Electromagnetic Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.17.5 Suzhou Jipai Electromagnetic Technology Co., Ltd. Recent Developments/Updates
9.17.6 Suzhou Jipai Electromagnetic Technology Co., Ltd. Competitive Strengths & Weaknesses
9.18 Jiangxi Huawu Brake Co., Ltd.
9.18.1 Jiangxi Huawu Brake Co., Ltd. Details
9.18.2 Jiangxi Huawu Brake Co., Ltd. Major Business
9.18.3 Jiangxi Huawu Brake Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services

+357 96 030922
info@marketpublishers.com

9.18.4 Jiangxi Huawu Brake Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.18.5 Jiangxi Huawu Brake Co., Ltd. Recent Developments/Updates
9.18.6 Jiangxi Huawu Brake Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Electromagnetic Brakes for Humanoid Robot Industry Chain
10.2 Electromagnetic Brakes for Humanoid Robot Upstream Analysis
10.2.1 Electromagnetic Brakes for Humanoid Robot Core Raw Materials
10.2.2 Main Manufacturers of Electromagnetic Brakes for Humanoid Robot Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 Electromagnetic Brakes for Humanoid Robot Production Mode
10.6 Electromagnetic Brakes for Humanoid Robot Procurement Model
10.7 Electromagnetic Brakes for Humanoid Robot Industry Sales Model and Sales Channels
10.7.1 Electromagnetic Brakes for Humanoid Robot Sales Model
10.7.2 Electromagnetic Brakes for Humanoid Robot Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Electromagnetic Brakes for Humanoid Robot Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Electromagnetic Brakes for Humanoid Robot Production Value by Region (2021-2026) & (USD Million)
Table 3. World Electromagnetic Brakes for Humanoid Robot Production Value by Region (2027-2032) & (USD Million)
Table 4. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Region (2021-2026)
Table 5. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Region (2027-2032)
Table 6. World Electromagnetic Brakes for Humanoid Robot Production by Region (2021-2026) & (K Units)
Table 7. World Electromagnetic Brakes for Humanoid Robot Production by Region (2027-2032) & (K Units)
Table 8. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Region (2021-2026)
Table 9. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Region (2027-2032)
Table 10. World Electromagnetic Brakes for Humanoid Robot Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World Electromagnetic Brakes for Humanoid Robot Average Price by Region (2027-2032) & (US$/Unit)
Table 12. Electromagnetic Brakes for Humanoid Robot Major Market Trends
Table 13. World Electromagnetic Brakes for Humanoid Robot Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
Table 14. World Electromagnetic Brakes for Humanoid Robot Consumption by Region (2021-2026) & (K Units)
Table 15. World Electromagnetic Brakes for Humanoid Robot Consumption Forecast by Region (2027-2032) & (K Units)
Table 16. World Electromagnetic Brakes for Humanoid Robot Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Electromagnetic Brakes for Humanoid Robot Producers in 2025
Table 18. World Electromagnetic Brakes for Humanoid Robot Production by Manufacturer (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key Electromagnetic Brakes for Humanoid Robot Producers in 2025
Table 20. World Electromagnetic Brakes for Humanoid Robot Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global Electromagnetic Brakes for Humanoid Robot Company Evaluation Quadrant
Table 22. World Electromagnetic Brakes for Humanoid Robot Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Electromagnetic Brakes for Humanoid Robot Production Site of Key Manufacturer
Table 24. Electromagnetic Brakes for Humanoid Robot Market: Company Product Type Footprint
Table 25. Electromagnetic Brakes for Humanoid Robot Market: Company Product Application Footprint
Table 26. Electromagnetic Brakes for Humanoid Robot Competitive Factors
Table 27. Electromagnetic Brakes for Humanoid Robot New Entrant and Capacity Expansion Plans
Table 28. Electromagnetic Brakes for Humanoid Robot Mergers & Acquisitions Activity
Table 29. United States VS China Electromagnetic Brakes for Humanoid Robot Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Electromagnetic Brakes for Humanoid Robot Production Comparison, (2021 & 2025 & 2032) & (K Units)
Table 31. United States VS China Electromagnetic Brakes for Humanoid Robot Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
Table 32. United States Based Electromagnetic Brakes for Humanoid Robot Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production (2021-2026) & (K Units)
Table 36. United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Market Share (2021-2026)
Table 37. China Based Electromagnetic Brakes for Humanoid Robot Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Electromagnetic Brakes for Humanoid Robot

+357 96 030922
info@marketpublishers.com

Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production, (2021-2026) & (K Units)
Table 41. China Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Market Share (2021-2026)
Table 42. Rest of World Based Electromagnetic Brakes for Humanoid Robot Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production, (2021-2026) & (K Units)
Table 46. Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Market Share (2021-2026)
Table 47. World Electromagnetic Brakes for Humanoid Robot Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Electromagnetic Brakes for Humanoid Robot Production by Type (2021-2026) & (K Units)
Table 49. World Electromagnetic Brakes for Humanoid Robot Production by Type (2027-2032) & (K Units)
Table 50. World Electromagnetic Brakes for Humanoid Robot Production Value by Type (2021-2026) & (USD Million)
Table 51. World Electromagnetic Brakes for Humanoid Robot Production Value by Type (2027-2032) & (USD Million)
Table 52. World Electromagnetic Brakes for Humanoid Robot Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World Electromagnetic Brakes for Humanoid Robot Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World Electromagnetic Brakes for Humanoid Robot Production Value by Structure, (USD Million), 2021 & 2025 & 2032
Table 55. World Electromagnetic Brakes for Humanoid Robot Production by Structure (2021-2026) & (K Units)
Table 56. World Electromagnetic Brakes for Humanoid Robot Production by Structure (2027-2032) & (K Units)
Table 57. World Electromagnetic Brakes for Humanoid Robot Production Value by Structure (2021-2026) & (USD Million)
Table 58. World Electromagnetic Brakes for Humanoid Robot Production Value by Structure (2027-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 59. World Electromagnetic Brakes for Humanoid Robot Average Price by Structure (2021-2026) & (US$/Unit)
Table 60. World Electromagnetic Brakes for Humanoid Robot Average Price by Structure (2027-2032) & (US$/Unit)
Table 61. World Electromagnetic Brakes for Humanoid Robot Production Value by Torque, (USD Million), 2021 & 2025 & 2032
Table 62. World Electromagnetic Brakes for Humanoid Robot Production by Torque (2021-2026) & (K Units)
Table 63. World Electromagnetic Brakes for Humanoid Robot Production by Torque (2027-2032) & (K Units)
Table 64. World Electromagnetic Brakes for Humanoid Robot Production Value by Torque (2021-2026) & (USD Million)
Table 65. World Electromagnetic Brakes for Humanoid Robot Production Value by Torque (2027-2032) & (USD Million)
Table 66. World Electromagnetic Brakes for Humanoid Robot Average Price by Torque (2021-2026) & (US$/Unit)
Table 67. World Electromagnetic Brakes for Humanoid Robot Average Price by Torque (2027-2032) & (US$/Unit)
Table 68. World Electromagnetic Brakes for Humanoid Robot Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Electromagnetic Brakes for Humanoid Robot Production by Application (2021-2026) & (K Units)
Table 70. World Electromagnetic Brakes for Humanoid Robot Production by Application (2027-2032) & (K Units)
Table 71. World Electromagnetic Brakes for Humanoid Robot Production Value by Application (2021-2026) & (USD Million)
Table 72. World Electromagnetic Brakes for Humanoid Robot Production Value by Application (2027-2032) & (USD Million)
Table 73. World Electromagnetic Brakes for Humanoid Robot Average Price by Application (2021-2026) & (US$/Unit)
Table 74. World Electromagnetic Brakes for Humanoid Robot Average Price by Application (2027-2032) & (US$/Unit)
Table 75. Kendrion N.V. Basic Information, Manufacturing Base and Competitors
Table 76. Kendrion N.V. Major Business
Table 77. Kendrion N.V. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 78. Kendrion N.V. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 79. Kendrion N.V. Recent Developments/Updates
Table 80. Kendrion N.V. Competitive Strengths & Weaknesses
Table 81. Chr. Mayr GmbH + Co. KG Basic Information, Manufacturing Base and Competitors
Table 82. Chr. Mayr GmbH + Co. KG Major Business
Table 83. Chr. Mayr GmbH + Co. KG Electromagnetic Brakes for Humanoid Robot Product and Services
Table 84. Chr. Mayr GmbH + Co. KG Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Chr. Mayr GmbH + Co. KG Recent Developments/Updates
Table 86. Chr. Mayr GmbH + Co. KG Competitive Strengths & Weaknesses
Table 87. KEB Automation KG Basic Information, Manufacturing Base and Competitors
Table 88. KEB Automation KG Major Business
Table 89. KEB Automation KG Electromagnetic Brakes for Humanoid Robot Product and Services
Table 90. KEB Automation KG Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. KEB Automation KG Recent Developments/Updates
Table 92. KEB Automation KG Competitive Strengths & Weaknesses
Table 93. Warner Electric Basic Information, Manufacturing Base and Competitors
Table 94. Warner Electric Major Business
Table 95. Warner Electric Electromagnetic Brakes for Humanoid Robot Product and Services
Table 96. Warner Electric Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Warner Electric Recent Developments/Updates
Table 98. Warner Electric Competitive Strengths & Weaknesses
Table 99. Ogura Clutch Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 100. Ogura Clutch Co., Ltd. Major Business
Table 101. Ogura Clutch Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 102. Ogura Clutch Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Ogura Clutch Co., Ltd. Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 104. Ogura Clutch Co., Ltd. Competitive Strengths & Weaknesses
Table 105. Miki Pulley Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 106. Miki Pulley Co., Ltd. Major Business
Table 107. Miki Pulley Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 108. Miki Pulley Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Miki Pulley Co., Ltd. Recent Developments/Updates
Table 110. Miki Pulley Co., Ltd. Competitive Strengths & Weaknesses
Table 111. Nexen Group, Inc. Basic Information, Manufacturing Base and Competitors
Table 112. Nexen Group, Inc. Major Business
Table 113. Nexen Group, Inc. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 114. Nexen Group, Inc. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Nexen Group, Inc. Recent Developments/Updates
Table 116. Nexen Group, Inc. Competitive Strengths & Weaknesses
Table 117. PRECIMA Magnettechnik GmbH Basic Information, Manufacturing Base and Competitors
Table 118. PRECIMA Magnettechnik GmbH Major Business
Table 119. PRECIMA Magnettechnik GmbH Electromagnetic Brakes for Humanoid Robot Product and Services
Table 120. PRECIMA Magnettechnik GmbH Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. PRECIMA Magnettechnik GmbH Recent Developments/Updates
Table 122. PRECIMA Magnettechnik GmbH Competitive Strengths & Weaknesses
Table 123. SINFONIA TECHNOLOGY CO., LTD. Basic Information, Manufacturing Base and Competitors
Table 124. SINFONIA TECHNOLOGY CO., LTD. Major Business
Table 125. SINFONIA TECHNOLOGY CO., LTD. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 126. SINFONIA TECHNOLOGY CO., LTD. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. SINFONIA TECHNOLOGY CO., LTD. Recent Developments/Updates
Table 128. SINFONIA TECHNOLOGY CO., LTD. Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

Table 129. MinebeaMitsumi Inc. Basic Information, Manufacturing Base and Competitors
Table 130. MinebeaMitsumi Inc. Major Business
Table 131. MinebeaMitsumi Inc. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 132. MinebeaMitsumi Inc. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. MinebeaMitsumi Inc. Recent Developments/Updates
Table 134. MinebeaMitsumi Inc. Competitive Strengths & Weaknesses
Table 135. Ortlinghaus-Werke GmbH Basic Information, Manufacturing Base and Competitors
Table 136. Ortlinghaus-Werke GmbH Major Business
Table 137. Ortlinghaus-Werke GmbH Electromagnetic Brakes for Humanoid Robot Product and Services
Table 138. Ortlinghaus-Werke GmbH Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Ortlinghaus-Werke GmbH Recent Developments/Updates
Table 140. Ortlinghaus-Werke GmbH Competitive Strengths & Weaknesses
Table 141. Electroid Company Basic Information, Manufacturing Base and Competitors
Table 142. Electroid Company Major Business
Table 143. Electroid Company Electromagnetic Brakes for Humanoid Robot Product and Services
Table 144. Electroid Company Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Electroid Company Recent Developments/Updates
Table 146. Electroid Company Competitive Strengths & Weaknesses
Table 147. Mach III Clutch, Inc. Basic Information, Manufacturing Base and Competitors
Table 148. Mach III Clutch, Inc. Major Business
Table 149. Mach III Clutch, Inc. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 150. Mach III Clutch, Inc. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Mach III Clutch, Inc. Recent Developments/Updates
Table 152. Mach III Clutch, Inc. Competitive Strengths & Weaknesses
Table 153. Chengdu Reach Machinery Co., Ltd. Basic Information, Manufacturing Base

+357 96 030922
info@marketpublishers.com

and Competitors
Table 154. Chengdu Reach Machinery Co., Ltd. Major Business
Table 155. Chengdu Reach Machinery Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 156. Chengdu Reach Machinery Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Chengdu Reach Machinery Co., Ltd. Recent Developments/Updates
Table 158. Chengdu Reach Machinery Co., Ltd. Competitive Strengths & Weaknesses
Table 159. Chengdu CDC Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 160. Chengdu CDC Technology Co., Ltd. Major Business
Table 161. Chengdu CDC Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 162. Chengdu CDC Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Chengdu CDC Technology Co., Ltd. Recent Developments/Updates
Table 164. Chengdu CDC Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 165. Zhuji Miki Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 166. Zhuji Miki Technology Co., Ltd. Major Business
Table 167. Zhuji Miki Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 168. Zhuji Miki Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 169. Zhuji Miki Technology Co., Ltd. Recent Developments/Updates
Table 170. Zhuji Miki Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 171. Suzhou Jipai Electromagnetic Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 172. Suzhou Jipai Electromagnetic Technology Co., Ltd. Major Business
Table 173. Suzhou Jipai Electromagnetic Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 174. Suzhou Jipai Electromagnetic Technology Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 175. Suzhou Jipai Electromagnetic Technology Co., Ltd. Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 176. Suzhou Jipai Electromagnetic Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 177. Jiangxi Huawu Brake Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 178. Jiangxi Huawu Brake Co., Ltd. Major Business
Table 179. Jiangxi Huawu Brake Co., Ltd. Electromagnetic Brakes for Humanoid Robot Product and Services
Table 180. Jiangxi Huawu Brake Co., Ltd. Electromagnetic Brakes for Humanoid Robot Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 181. Jiangxi Huawu Brake Co., Ltd. Recent Developments/Updates
Table 182. Jiangxi Huawu Brake Co., Ltd. Competitive Strengths & Weaknesses
Table 183. Global Key Players of Electromagnetic Brakes for Humanoid Robot Upstream (Raw Materials)
Table 184. Global Electromagnetic Brakes for Humanoid Robot Typical Customers
Table 185. Electromagnetic Brakes for Humanoid Robot Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Electromagnetic Brakes for Humanoid Robot Picture
Figure 2. World Electromagnetic Brakes for Humanoid Robot Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Electromagnetic Brakes for Humanoid Robot Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Electromagnetic Brakes for Humanoid Robot Production (2021-2032) & (K Units)
Figure 5. World Electromagnetic Brakes for Humanoid Robot Average Price (2021-2032) & (US$/Unit)
Figure 6. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Region (2021-2032)
Figure 7. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Region (2021-2032)
Figure 8. North America Electromagnetic Brakes for Humanoid Robot Production (2021-2032) & (K Units)
Figure 9. Europe Electromagnetic Brakes for Humanoid Robot Production (2021-2032) & (K Units)
Figure 10. China Electromagnetic Brakes for Humanoid Robot Production (2021-2032) & (K Units)
Figure 11. Japan Electromagnetic Brakes for Humanoid Robot Production (2021-2032) & (K Units)
Figure 12. Electromagnetic Brakes for Humanoid Robot Market Drivers
Figure 13. Factors Affecting Demand
Figure 14. World Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 15. World Electromagnetic Brakes for Humanoid Robot Consumption Market Share by Region (2021-2032)
Figure 16. United States Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 17. China Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 18. Europe Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 19. Japan Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)

+357 96 030922
info@marketpublishers.com

Figure 20. South Korea Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 21. ASEAN Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 22. India Electromagnetic Brakes for Humanoid Robot Consumption (2021-2032) & (K Units)
Figure 23. Producer Shipments of Electromagnetic Brakes for Humanoid Robot by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 24. Global Four-firm Concentration Ratios (CR4) for Electromagnetic Brakes for Humanoid Robot Markets in 2025
Figure 25. Global Four-firm Concentration Ratios (CR8) for Electromagnetic Brakes for Humanoid Robot Markets in 2025
Figure 26. United States VS China: Electromagnetic Brakes for Humanoid Robot Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Electromagnetic Brakes for Humanoid Robot Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Electromagnetic Brakes for Humanoid Robot Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Market Share 2025
Figure 30. China Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Electromagnetic Brakes for Humanoid Robot Production Market Share 2025
Figure 32. World Electromagnetic Brakes for Humanoid Robot Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Type in 2025
Figure 34. Spring-Applied Power-Off Electromagnetic Brake
Figure 35. Permanent-Magnet Power-Off Brake
Figure 36. Power-On Electromagnetic Friction Brake
Figure 37. Others
Figure 38. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Type (2021-2032)
Figure 39. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Type (2021-2032)
Figure 40. World Electromagnetic Brakes for Humanoid Robot Average Price by Type (2021-2032) & (US$/Unit)
Figure 41. World Electromagnetic Brakes for Humanoid Robot Production Value by

+357 96 030922
info@marketpublishers.com

Structure, (USD Million), 2021 & 2025 & 2032
Figure 42. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Structure in 2025
Figure 43. Ultra-Thin Hollow Compact Brake
Figure 44. Micro Flange Compact Brake
Figure 45. Flat Integrated Brake
Figure 46. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Structure (2021-2032)
Figure 47. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Structure (2021-2032)
Figure 48. World Electromagnetic Brakes for Humanoid Robot Average Price by Structure (2021-2032) & (US$/Unit)
Figure 49. World Electromagnetic Brakes for Humanoid Robot Production Value by Torque, (USD Million), 2021 & 2025 & 2032
Figure 50. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Torque in 2025
Figure 51. Below 1 Nm
Figure 52. 1-5 Nm
Figure 53. 5-20 Nm
Figure 54. Above 20 Nm
Figure 55. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Torque (2021-2032)
Figure 56. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Torque (2021-2032)
Figure 57. World Electromagnetic Brakes for Humanoid Robot Average Price by Torque (2021-2032) & (US$/Unit)
Figure 58. World Electromagnetic Brakes for Humanoid Robot Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 59. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Application in 2025
Figure 60. Humanoid Robot Arm Joints
Figure 61. Humanoid Robot Leg Joints
Figure 62. Waist and Torso Joints
Figure 63. Others
Figure 64. World Electromagnetic Brakes for Humanoid Robot Production Market Share by Application (2021-2032)
Figure 65. World Electromagnetic Brakes for Humanoid Robot Production Value Market Share by Application (2021-2032)
Figure 66. World Electromagnetic Brakes for Humanoid Robot Average Price by

+357 96 030922
info@marketpublishers.com

Application (2021-2032) & (US$/Unit)
Figure 67. Electromagnetic Brakes for Humanoid Robot Industry Chain
Figure 68. Electromagnetic Brakes for Humanoid Robot Procurement Model
Figure 69. Electromagnetic Brakes for Humanoid Robot Sales Model
Figure 70. Electromagnetic Brakes for Humanoid Robot Sales Channels, Direct Sales, and Distribution
Figure 71. Methodology
Figure 72. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Electromagnetic Brakes for Humanoid Robot Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GF0C873CF7FCEN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF0C873CF7FCEN.html