



PRODUCTION WORKSHOP

For a worker to excel in his duties, it is imperative that his tools are first refined. This principle is well understood by the kaiwei people. Merely possessing competent management, innovative ideas, and skilled talents is insufficient. Advanced equipment is equally crucial to epitomize a corporation's robust capabilities, bolster production capacities, and guarantee the exceptional quality of its offerings.



© All rights reserved by HANGZHOU KAIWEI VALVE GROUP CO., LTD. reprint is required;
Please use the latest version, subject to any chance without notice .HANGZHOU KAIWEI VALVE GROUP CO., LTD. reverse the right of final interpretation;
Printed on Eco paper.

TO SURVIVE BY QUALITY AND STRIVE FOR FIRST-CLASS SERVICE
CREATE BRAND NAME WITH INTEGRITY AND
SEEK DEVELOPMENT WITH SCIENCE AND TECHNOLOGY

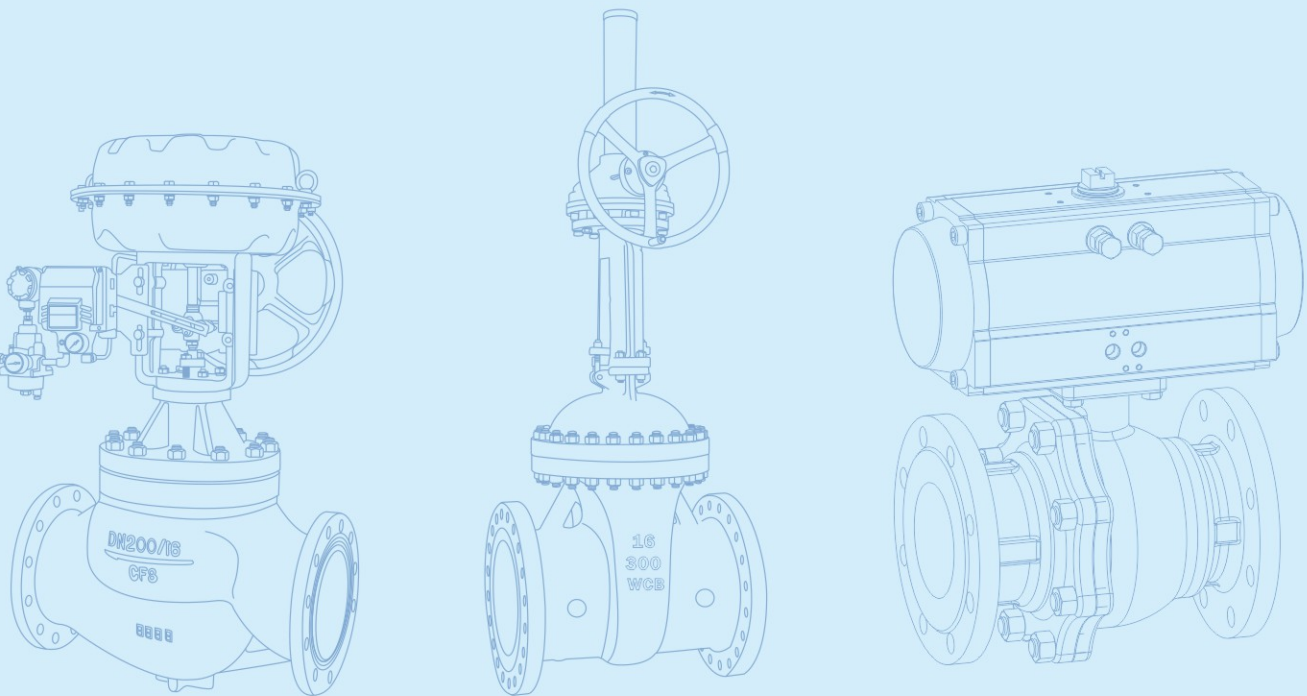
HANGZHOU KAIWEI VALVE GROUP CO., LTD.

Address: 12th Floor, Building 3, Shuangcheng International Building,
Binjiang District, Hangzhou City, Zhejiang Province
Tel: +86-571-88950660 Fax: +86-571-88950550
Website: www.kaiweivalve.com Email: sales@kaiweivalve.com

www.kaiweivalve.com



Product Image Handbook KAIWEI VALVE GROUP



COMPANY PROFILE

Hangzhou Kaiwei Valve Group Co., Ltd., established in 2015, is a cutting-edge industrial enterprise that specializes in the R&D, design, casting, production, and sales of fluid control products and services. Our state-of-the-art facility spans 58 acres with an investment of 100 million RMB, employing a skilled team of 56 technical staff, including 15 senior engineers and 20 engineers, and operates over 150 pieces of precision equipment. This includes advanced CNC machine tools, multi-axis processing centers, high-precision lathes, and top-grade automatic welding machines. Our testing arsenal features material spectrometers, tensile testers, hardness testers, ultrasonic flaw detectors, thickness gauges, metal film analyzers, and a comprehensive physical and chemical analysis lab. Kaiwei has earned numerous certifications including ISO 9001, environmental and occupational health certifications, API, CCS, European PED, SIL-3, TALUFF, TS-A1, among others.



Our valves are pivotal in industries like oil, metallurgy, power generation, pharmaceuticals, and petrochemicals. Our expansive product line encompasses 1PC cast steel floating ball valves, 2PC and 3PC cast/forged steel floating and trunnion mounted ball valves, hard seal ball valves, fully welded ball valves, top entry ball valves, cryogenic valves, ceramic valves, three-way ball valves, butterfly valves, gate valves, and globe valves, meeting or exceeding API standards. Our materials range from carbon steel, stainless steel, duplex stainless steel, and alloy steel to high-tech materials like Inconel 625, Monel, alloy 20, titanium, and ceramics. Valve sizes range from 1/2" to 56", with pressure ratings from 150 to 2500 LBS, accommodating various connection types and actuators to meet diverse market demands.

Kaiwei Valve ensures rigorous supply chain control from raw materials to finished products, supported by a comprehensive quality assurance and management system that aligns with international standards. Our operations are enhanced by 6S management, ERP, logistics distribution, warehousing, procurement, accounting, quality standards, employee behavior guidelines, occupational health, and safety, guaranteeing the provision of high-quality valves to our clients.





Pneumatic/electric control valve

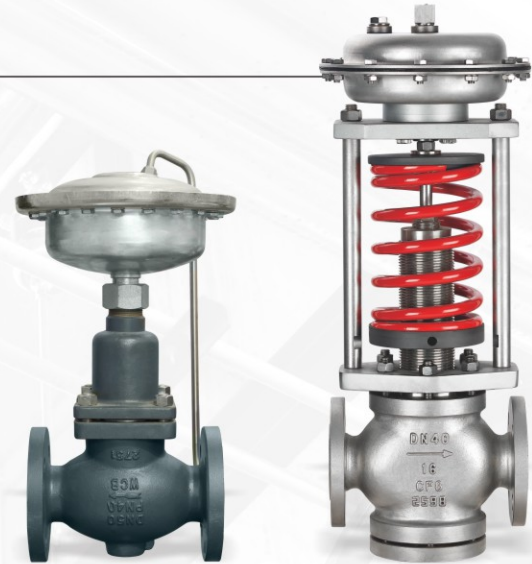
Technical Parameter

Body material: ASTM A216 WCB, ASTM A351 CF8M
Nominal Size: NPS 1/2"~24"
Pressure range: Class150~600LB(PN16~110)
Working temperature: -196°C to 593°C
Connection method: FF,RF,RTJ,BW
Flow characteristic: Equal percentage, straight line, quick opening
Bonnet type: Standard, extended, low temperature,Bellows
Adjustable range: 50:1
Design standards: ASME B16.34,IEC60534,ISA S75.03/S75.16,GB/T4213
Leakage level: ANSI B16.104 IV,V,VI

Self-operated control valve

Technical Parameter

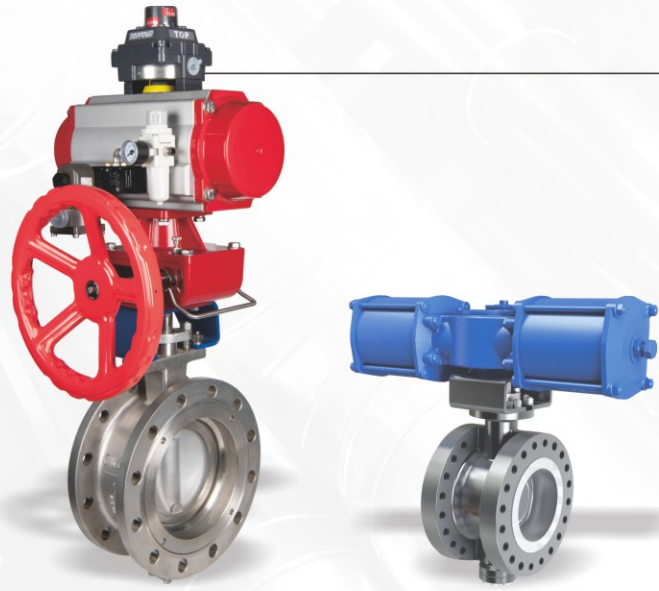
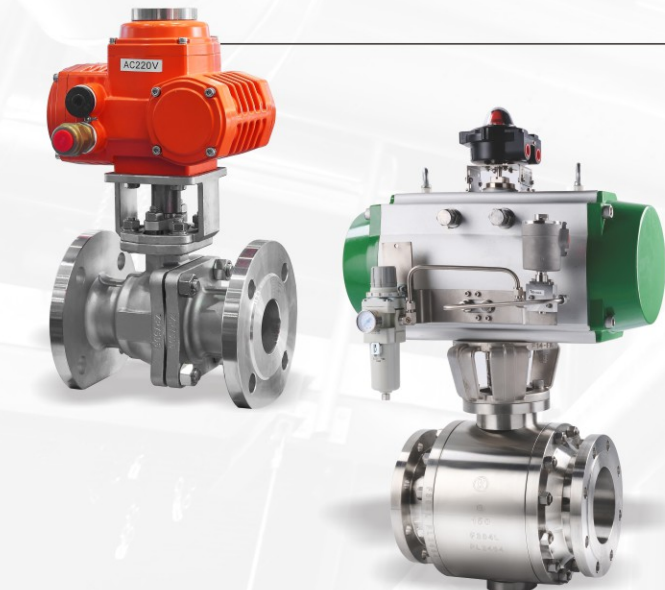
Body material: ASTM A216 WCB, A351 CF8M
Nominal Size: NPS 1/2" ~ 12"(DN15~300)
Pressure range: Class150 ~ 300LB
Working temperature: -196°C to 593°C
Connection method: RF,LF
Flow characteristic: Quick opening
Adjustable range: 30:1
Bonnet type: Standard, extended, low temperature,Bellows
Design standards: JB/T11049,GB/T12221,IEC60534
Leakage level: ANSI B16.104 IV, V or VI



Electric/pneumatic ball valve

Technical Parameter

Body material: ASTM A216 WCB, ASTM A351 CF8M, A105,Ti C276
Nominal Size: NPS 2"~40"
Pressure rating: Class150~2500LB
Working temperature: -196°C to 593°C
Connection method: RF, RTJ,BW,SW
Design standards: API 6D,API 608,ISO 17292
Inspection and Test: API 598,API 6D
Connection Ends: ASME B16.5,ASME B16.25,ASME B16.11
Face to Face: ASME B16.10
Fire Safe: API 607,API 6FA



Electric/pneumatic butterfly valve

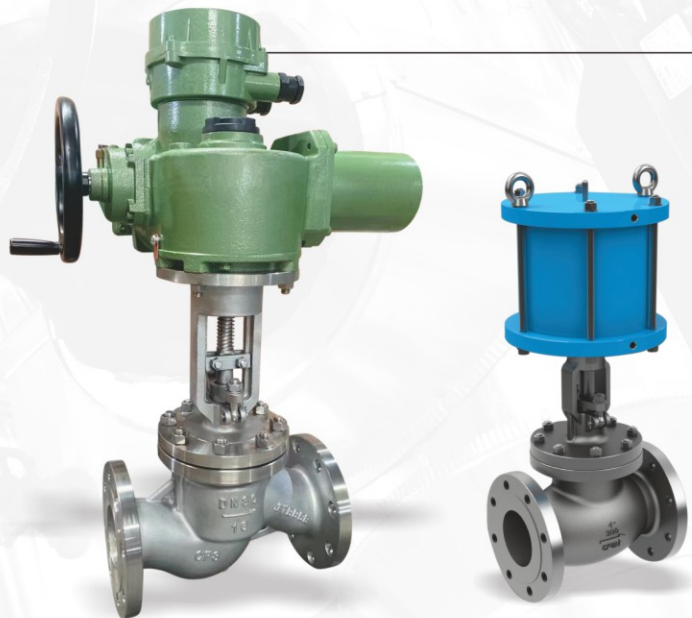
Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB
Nominal Size: NPS3" ~ 56"
Pressure range: Class150 ~ 600LB
Working temperature: -196°C to 593°C
Connection method: Wafer,Flange,Lug
Design standards: API 609,ASME B16.34
Inspection and Test: API 598,ISO 5208
Connection Ends: ASME B16.5,ASME B16.47
Face to Face: API 609,ISO 5752
Fire Safe: API 607

Electric/pneumatic gate valve

Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB,A217 WC6
Nominal diameter: NPS2" ~ 48"
Pressure range: Class150 ~ 2500LB
Working temperature: -196°C to +593°C
End connection: RF, RTJ, BW,FM,SW
Design standard: API 600,API 6D,BS 1414
Inspection and Test: API 598,API 6D,ISO 5208
Connection Ends: ASME B16.5,ASME B16.47,ASME B16.25,EN1092-1
Face to Face: ASME B16.10,EN 558,DIN3202



Electric/pneumatic globe valve

Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB,A217 WC6
Nominal diameter: NPS2" ~ 24"
Pressure range: Class150 ~ 2500LB
Working temperature: -196°C to 593°C
End connection: RF, RTJ, BW,FM,SW
Design standard: BS 1873, API 623, BS 5352
Inspection and Test: API 598,ISO 5208
Connection Ends: ASME B16.5,ASME B16.47,ASME B16.25,EN1092-1
Face to Face: ASME B16.10,EN 558,DIN3202



Manual gate valve

Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB,A217 WC6,Ti, C276
Nominal diameter: NPS 1/2" ~ 48"
Pressure range: Class150 ~ 2500LB
Working temperature: -196°C to +593°C
End connection: RF, RTJ, BW, FM, SW
Design standard: API 600,BS 1414, AP1602
Inspection and Test: API 598,API 6D,ISO 5208
Connection Ends: ASME B16.5,ASME B16.47,ASME B16.25, EN1092-1
Face to Face: ASME B16.10,EN 558,DIN3202

Manual globe valve

Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB, A217 WC6 ,Ti, C276
Nominal diameter: NPS 1/2" ~ 24"
Pressure range: Class150 ~ 2500LB
Working temperature: -196°C to 593°C
End connection: RF, RTJ, BW, FM,SW
Design standard: BS 1873, API 623, API 602, BS 5352
Inspection and Test: API 598,ISO 5208
Connection Ends: ASME B16.5,ASME B16.47,ASME B16.25,EN1092-1
Face to Face: ASME B16.10,EN 558,DIN3202



Check valve

Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB,A217 WC6
Nominal diameter: NPS 1/2" ~ 24"
Pressure range: Class150 ~ 2500LB
Working temperature: -196°C to 593°C
End connection: RF, RTJ, BW, FM,SW
Design standard: API 6D, API 594, BS 1868, ASME B16.34, EN 10739
Inspection and Test: API 598,ISO 5208,API 6D
Connection Ends: ASME B16.5,ASME B16.47,ASME B16.25, EN 1092-1
Face to Face: ASME B16.10, EN558, DIN3202



Manual ball valve

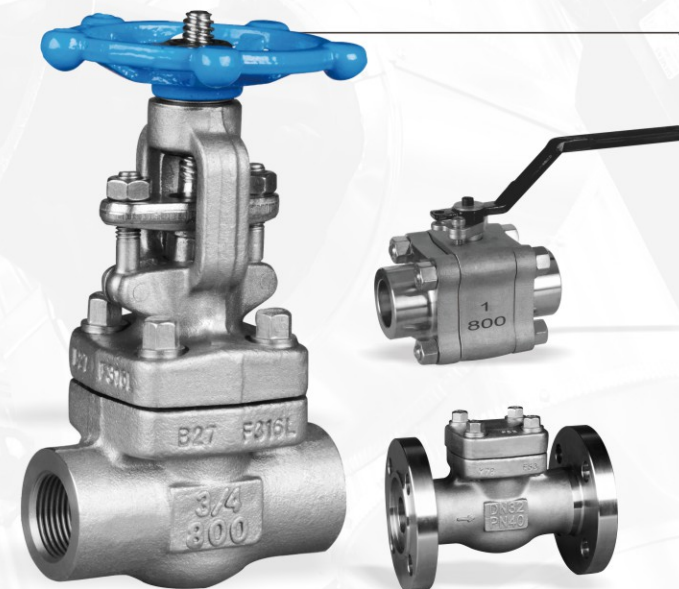
Technical Parameter

Body material: ASTM A216 WCB, ASTM A351 CF8M, ASTM A352 LCB,Ti C276
Nominal Size: NPS 2"~40"
Pressure rating: Class150~2500LB
Working temperature: -196°C to 593°C
Connection method: RF, RTJ,BW,SW
Design standards: API 6D,API 608,ISO 17292
Inspection and Test: API 598,API 6D
Connection Ends: ASME B16.5,ASME B16.25,ASME B16.11
Face to Face: ASME B16.10,API 6D
Fire Safe: API 607

Manual butterfly valve

Technical Parameter

Body material: ASTM A216 WCB, A351 CF8M, A352 LCB
Nominal Size: NPS3" ~ 56"
Pressure range: Class150 ~ 600LB
Working temperature: -196°C to 593°C
Connection method: Wafer,Flange,Lug
Design standards: API 609
Inspection and Test: API 598,ISO 5208
Connection Ends: ASME B16.5,ASME B16.47
Face to Face: API 609,ISO 5752
Fire Safe: API 607



Forged steel valve

Technical Parameter

Body material: A105N,F304,F22,F51,904L,
Nominal diameter: NPS1/2"~4"
Pressure rating: Class150~2500LB
Working temperature: -196°C to 600°C
End connection: Flange type, threaded type, socket welding
Design standard: API 602,API 608,BS 5352,
Inspection and Test: API 598
Connection Ends: ASME B16.5,ASME B16.25, ASME B16.11,EN1092-1
Face to Face: ASME B16.10,EN 558,DIN3202
Fire Safe: API 607,ISO1049