

Valve Selection

Product Brochure



Company Profile

DBV Valve Co., Ltd. was established in 2001 and is headquartered in Oubei, Yongjia, Zhejiang, the hometown of pumps and valves in China. It is a modern enterprise integrating the manufacture, sales and service of various intelligent control valves (pneumatic, electric and hydraulic control). We have a factory building area of more than 20,000 square meters, more than 200 sets of machine equipment and more than 300 employees.

The company has been awarded the titles of National High-Tech Enterprise, A-class Tax Credit Enterprise of Zhejiang Province, and Star Enterprise of Yongjia County, etc. It has also been certified by American Petroleum Institute (API), Customs Union TR Declaration (EAC), German Technical Supervision Association (TUV) and Det Norske Veritas (DNV).

The company mainly produces high pressure severe service products and metal to metal seat butterfly valves, metal to metal seat ball valves, low temperature valves, etc., which are manufactured strictly according to ISO, ANSI, API, GB, HG and other standards. We have advanced physical and chemical testing centre, professional CNC machining and test pressure automatic production equipment and experienced technical production team. Product pressure from 150LB-2500LB, 0.6 MPA-42.0MPA, temperature resistance -196°C - 800°C.



Valve Production Workshop



Company Headquarters (Under Construction)



Frontline Staff

2001

Open

Year Of Establishment

2016

International

International Trade Business

2018

New

Pump And Valve Base

2021

Certified

National Certification

2023

Now

Choose Us For Quality

Relying on our strict quality management system, our products are widely used in petroleum, petrochemical, natural gas, coal chemical, metallurgy, electric power and other industries, and exported to Europe, America, Asia Pacific, the Middle East and other countries and regions, the company has been approved by Oman National Oil Company, Iran South Oil Company, Thailand National Power Plant, Russia National Oil Service and other large international terminal customers.

In terms of research and manufacturing, the company has a number of senior R & D teams, advanced manufacturing equipment, perfect physical and chemical testing and inspection methods (spectrometer, helium mass spectrometer, high and low temperature comprehensive performance test equipment, etc.), scientific information management system (integrated PDM, ERP, CAD, CAPP), comprehensive resources to provide customers with sustainable product solutions and collaborative service support.

As a fluid control solutions provider, the company is committed to innovation and service enhancement and is constantly striving to become one of the world's most professional, comprehensive and reliable valve manufacturers.

Equipment & Professional Team

20⁺

Years

Manufacturing Experience

200⁺

Units

Manufacturing Facilities

300⁺

People

Practitioners

3

Teams

R&d Team

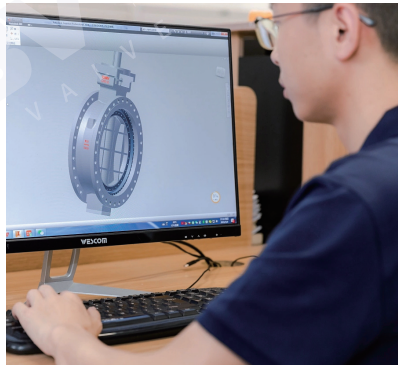
20000⁺

Square Metres

Intelligent Factory Floor Space

More Than 20 Years Of Experience In R&d And Production Exported To More Than 30 Countries And Regions Worldwide.

200 + Sets Of Intelligent Manufacturing Equipment	20 + Years Of Experience In R&d And Production	Exported To 30 + Countries Worldwide
4000 + Square Metres Of Finished Goods Warehouse	Over 300 Valve Practitioners	3 Valve Production Bases
Annual Production Of Over 8000 Tons Of Valves	3 Senior Valve R&d Teams	Intelligent And Scientific Production
20,000 + Square Metres Of Factory Floor Space	Professional Multilingual Sales Staff



Customers & Partners



DBV Valve Co., Ltd. is a fluid control solution provider that has been developing and producing ball valves and butterfly valves in China for more than 20 years. Our sales and service network extends to dozens of overseas countries and regions, and our end products are used by companies such as Petronas, Anadarko, Petrobras, Lukoil.

The company has been approved as a qualified supplier by large international terminal customers such as Oman National Oil Company, Iran National South Oil Company, Thailand National Power Plant and Russia National Oil Company.



Honors & Qualifications

Qualification is the guarantee of an enterprise's products, and honour is the silent motivation of an enterprise.

In terms of product standards and quality, the company has obtained the "API6D, API609 Valve Production Design Standard Certification" issued by the American Petroleum Institute API, the "API6FA, API607 Valve Fire Test Certificate", the "SIL-3 Safety Equipment Integrity Level Certificate" issued by the German Technical Supervision Association TÜV, the CE Certificate, the "ATEX Explosion Test Certificate" issued by the Norwegian Classification Society DNV and many other international certifications.

The company was awarded the title of national high-tech enterprise, the title of science and technology-based small and medium-sized enterprise in Zhejiang Province, the title of star enterprise in Yongjia County for three consecutive years, the excellent supplier of government procurement and many other honorary titles.

DBV valves are manufactured in accordance with the ISO 9001 quality management system and are subject to 48 production processes, comprehensive testing and inspection in accordance with international standards, thus guaranteeing the high quality of DBV valves.



DBV Certificates

API 6D	API 609	CE
ISO 9001	ISO 45001	ISO 14001
API 6FA/607	ISO 15848-1/API624	BS 6364
SIL-3 BALL VALVE	SIL-3 BUTTERFLY VALVE	SIL-3 CONTROL VALVE
TR CU 032	TR CU 012	TR CU 010
MSK-64 BALL VALVE	MSK-64 BUTTERFLY VALVE	ATEX

Multi-field Application Solutions

Since its inception, DBV Valve has always been deeply involved in the valve field, with scientific and cutting-edge R&D and production processes, providing reliable, safe and economical fluid control solutions to customers worldwide in a variety of industries. With years of customization of fluid control solutions, DBV Valve has developed and produced a series of valves for various industries worldwide, including but not limited to: fine chemical industry, coal chemical industry, marine industry, new energy field, oil refining and petrochemical industry, metallurgical and mining industry, pharmaceutical and pesticide industry, nuclear power industry

Industry-wide, Multi-type Fluid Control Solutions

Fine Chemical Industry	New Energy Sector	Pharmaceutical And Pesticide Industry
Coal Chemical Industry	Oil Refining And Petrochemical Industry	Nuclear Power Industry
Marine Marine Industry	Metallurgical And Mineral Industries	Technology And Environmental Industry



Triple Eccentric Metal-to-metal Butterfly Valve

Product Range Diameter NPS 2" ~ NPS 160" DN 50 ~ DN 4000 Pressure CL 150 ~ CL 300 PN 2.5 ~ PN 50	Material Carbon Steel Stainless Steel High Temperature Steel Anti-corrosion Alloy End Connection Flange Wafer	Lug Butt Welded Temperature -29° ~ 425° Operating Mode Manual Pneumatic	Electric Actuator Hydraulic Actuator Design Standards API 609, EN 593 GB/T 12238 JB/T 8082	Acceptance Criteria API 598 GB/T13927 GB/T 26480 EN 12266-1
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Triple Eccentric High Temperature And High Pressure Butterfly Valve

Product Range

Diameter

NPS 4" ~ NPS 60"
DN 100 ~ DN 1500

Pressure

CL 150 ~ CL 2500
PN 20 ~ PN 420

Material

Stainless Steel
Chrome-molybdenum Steel
Anti-corrosion Alloy
High-temp Alloy

End Connection

Flange
Wafer
Lug
Butt Welded

Temperature

≤800°

Operating Mode

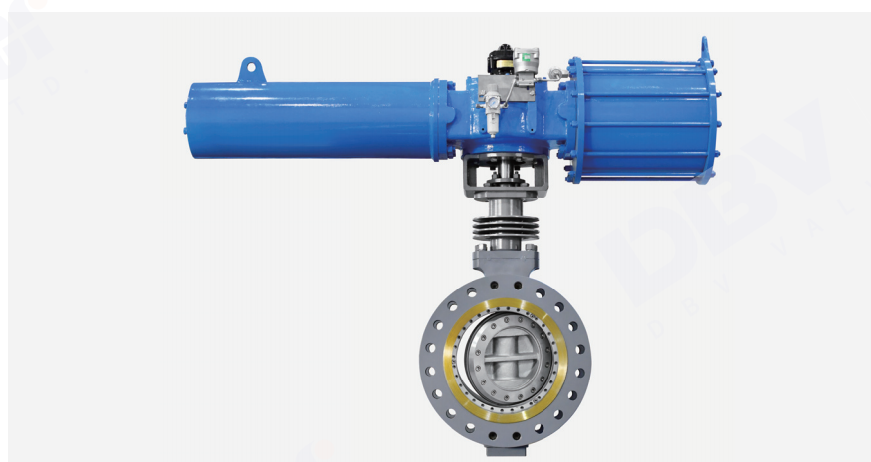
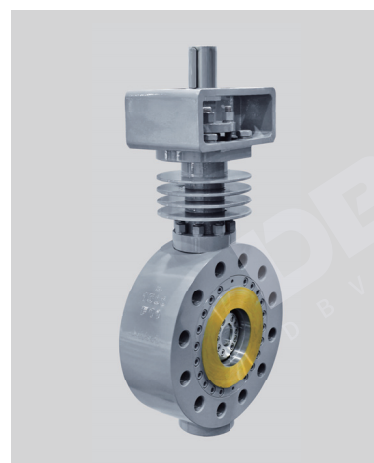
Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

API 609
EN 593
GB/T 12238
JB/T 8082

Acceptance Criteria

API 598
GB/T 13927
EN 12266-1



Triple Eccentric Low Temperature Butterfly Valve

Product Range

Diameter

NPS 6" ~ NPS 40"
DN 150 ~ DN 1000

Pressure

CL 150 ~ CL 600
PN 6 ~ PN 110

Material

LCB
LCC
CF8
CF8M

End Connection

Flange

Wafer

Lug
Butt Welded

Temperature

-196°C ~ 150°C

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

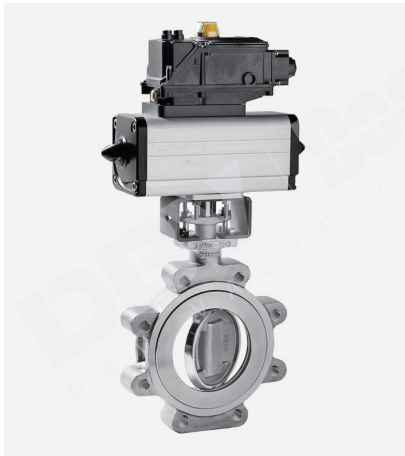
BS 6364
API 609
ASME B16.34
JB/T 12623
GB/T 24925

Acceptance Criteria

API 598
GB/T 26480
BS 6364
MESC SPE 77/200
MSS SP-134
JB/T 12622



High Performance Double Eccentric Butterfly Valve



Product Range	End Connection	Design Standards
<p>Diameter</p> <p>NPS 2" ~ NPS 48" DN 50 ~ DN 1200</p> <p>Pressure</p> <p>CL 150~ CL 300 PN 6 ~ PN 50</p> <p>Material</p> <p>Carbon Steel Stainless Steel Alloy Steel Aluminum Bronze</p>	<p>Flange Wafer Lug</p> <p>Temperature</p> <p>≤260°</p> <p>Operating Mode</p> <p>Manual Pneumatic Electric Actuator Hydraulic Actuator</p>	<p>API 609 MSS SP-67 MSS SP-68 GB/T 12238</p> <p>Acceptance Criteria</p> <p>API 598 GB/ T 13927 JB/ T 9092 GB/T 26480</p>

Concentric Butterfly Valve

Product Range

Diameter

NPS 2" ~ NPS 96"
DN 50 ~ DN 2400

Pressure

CL 150
PN 6 ~ PN 20

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials

End Connection

Flange
Wafer
Lug

Temperature

≤120°

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

API 609
GB/T 12238

Acceptance Criteria

API 598
GB/ T 13927
JB/ T 9092
GB/T 26480

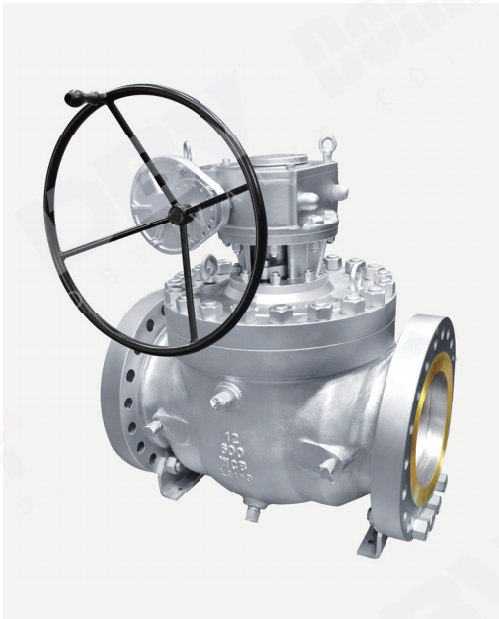


Forged Steel Ball Valve

Product Range	Material	Temperature	Design Standards	GB/T 13927 GB/T 26480 JB/T 9092 ISO 5208 ISO15848
Diameter	Carbon Steel Stainless Steel Alloy Steel Special Materials	-29° ~ 800°	API 6D GB/T 19672 GB/T 12237 ISO 17292	
NPS ½" ~ NPS 56" DN 15 ~ DN 1400		Operating Mode	Acceptance Criteria	
Pressure	End Connection	Manual Pneumatic Electric Actuator Hydraulic Actuator	API 598 Asme B16.34	
CL 150 - CL 2500 PN 6 ~ PN 420	Flange Wafer Butt Welded			



Top Entry Ball Valves



Product Range

Diameter

NPS 2" ~ NPS 48"
DN 50 ~ DN 1200

Pressure

CL 150 ~ CL 1500
PN 6 ~ PN 260

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials

End Connection

Flange
Butt Welded

Temperature

-29° ~ 800°

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

API 6D
GB/T 19672
GB/T 12237
ISO 17292

Acceptance Criteria

API 598
ASME B16.34
GB/T 13927
GB/26480
JB/T 9092
ISO 5208
ISO 15848



Low Temperature Ball Valves

Product Range

Diameter

NPS 1/2" ~ NPS 24"
DN 15 ~ DN 600

Pressure

CL 150 ~ CL 1500
PN 6 ~ PN 260

Material

Carbon Steel
Stainless Steel

End Connection

Flange

Wafer
Butt Welded

Temperature

-46° ~ -196°

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

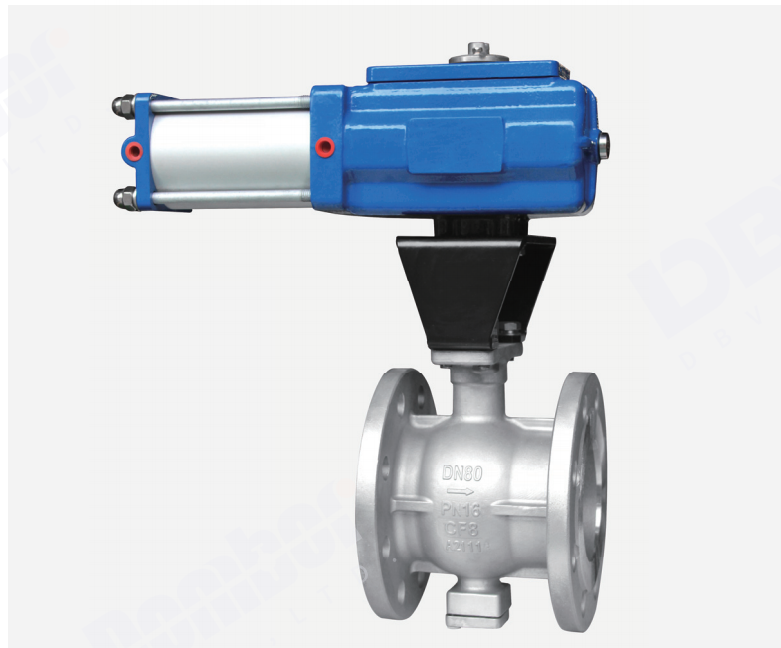
BS 6364
JB/T 7749
MSS SP-134
GB/T 24925

Acceptance Criteria

Asmeb16.34
API 598
GB/T 26480
BS6364
JB/T 7749
MSS SP-134
JB/T 12622
ISO 15848



V-type Ball Valve



Product Range

Diameter

NPS 2" ~ NPS 48"
DN 50 ~ DN 1200

Pressure

CL 150 ~ CL 2500
PN 6 ~ PN 420

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials
Chrome-molybdenum Steel

End Connection

Flange
Butt Welded

Temperature

≤425°

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

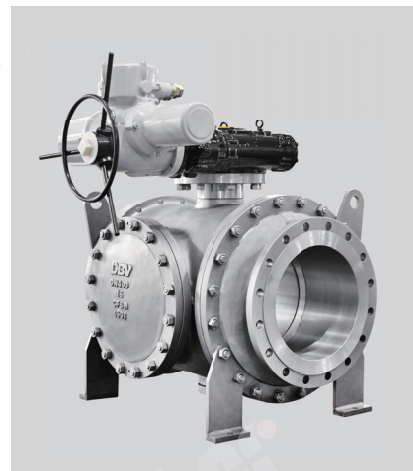
API 6D

GB/T 19672
GB/T 12237
ISO 17292

Acceptance Criteria

API 598
ASME B16.34
GB/T 13927
GB/ 26480
JB/T 9092
ISO 5208
ISO 15848

Three-way Ball Valve



Product Range

Diameter

NPS 1" ~ NPS 48"
DN 25 ~ DN 1200

Pressure

CL 150 ~ CL 2500
PN 6 ~ PN 420

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials
Chrome-molybdenum Steel

End Connection

Flange
Butt Welded

Temperature

-29° ~ 350°

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

API 6D

GB/T 19672
GB/T 12237
ISO 17292

Acceptance Criteria

API 598
ASME B16.34
GB/T 13927
GB /26480
JB/T 9092
ISO 5208
ISO 15848

Control Valve



Product Range

Diameter

NPS ½" ~ NPS 24"
DN 15 ~ DN 600

Pressure

CL 150 ~ CL 2500
PN 6 ~ PN 420

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials
Chrome-molybdenum Steel

End Connection

Flange
Butt Welded

Temperature

≤570°

Operating Mode

Manual
Pneumatic
Electric Actuator

Design Standards

EN 1349
GB 4213

JB/T 7387

Acceptance Criteria

EN 1349
EN 125616-1
GB/T 12236

Gate Valve

Product Range

Diameter

NPS 2" ~ NPS 48"
DN 50 ~ DN 1200

Pressure

CL 150 ~ CL 600
PN 6 ~ PN 150

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials

End Connection

Flange
Wafer
Butt Welded

Temperature

≤570°

Operating Mode

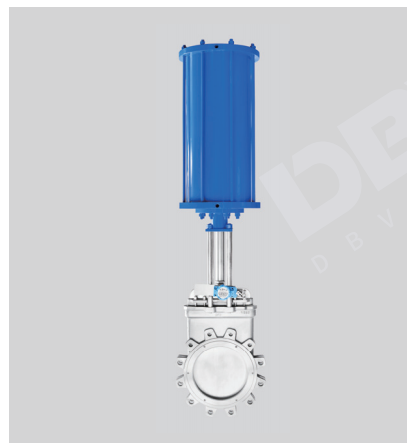
Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

GB/T 12224
API 600
MSS SP81

Acceptance Criteria

API 598
GB/ T 13927
JB/ T 9092
GB/T 26480



Globe Valves

Product Range

Diameter

NPS 2" ~ NPS 16"
DN 50 ~ DN 400

Pressure

CL 150 ~ CL 2500
PN 10 ~ PN 420

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials
Chrome-molybdenum Steel

End Connection

Butt Welded

Temperature

≤570°

Operating Mode

Manual
Pneumatic
Electric Actuator
Hydraulic Actuator

Design Standards

GB/T 12235
API 600

BS 1873
MSS SP42

Acceptance Criteria

API 598
GB/ T 13927
JB/ T 9092
GB/T 26480



Check Valves

Product Range

Diameter

NPS 2" ~ NPS 24"
DN 50 ~ DN 600

Pressure

CL 150 ~ CL 1500
PN 6 ~ PN 320

Material

Carbon Steel
Stainless Steel
Alloy Steel
Special Materials
Chrome-molybdenum Steel

End Connection

Flange
Wafer
Lug
Butt Welded

Temperature

≤570°

Operating Mode

Automatic

Design Standards

API 594
API 6D

GB/T 12236

Acceptance Criteria

API 598
GB/ T 13927
JB/ T 9092
GB/T 26480





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