

Project References

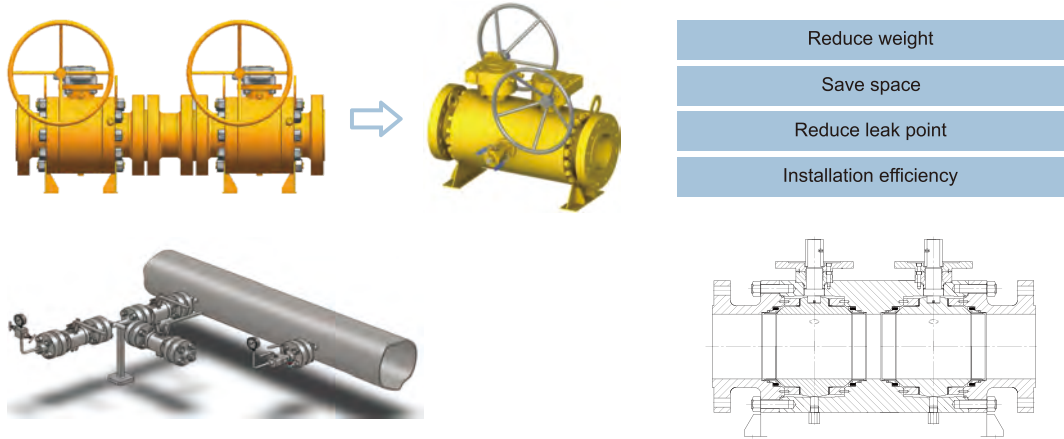
- FPSO ALEXANDRE DE GUSMÃO PROJECT
- UMM SHAI'F LONG TERM DEVELOPMENT PHASE-1 PROJECT
- FAST LNG 4 PROJECT
- BAROSSA FPSO PROJECT
- EAST AFRICAN CRUDE OIL PIPELINE (EACOP) PROJECT
- TIMI DEVELOPMENT PROJECT
- SAKARYA GAS FIELD DEVELOPMENT PROJECT
- CPS7 UPGRADE PROJECT
- GREATER SAQR DBOOM PROJECT
- BUNDLED PHASE 3 WELLHEAD PLATFORMS PROJECT
- EPCCOM FOR GAS PROCESSING PLANT PROJECT
- GIC-SATAH GAS INJECTION AND GAS LIFT PROJECT
- SK408W JERUN FIELD DEVELOPMENT PROJECT
- P83 FPSO PROJECT
- P80 FPSO PROJECT



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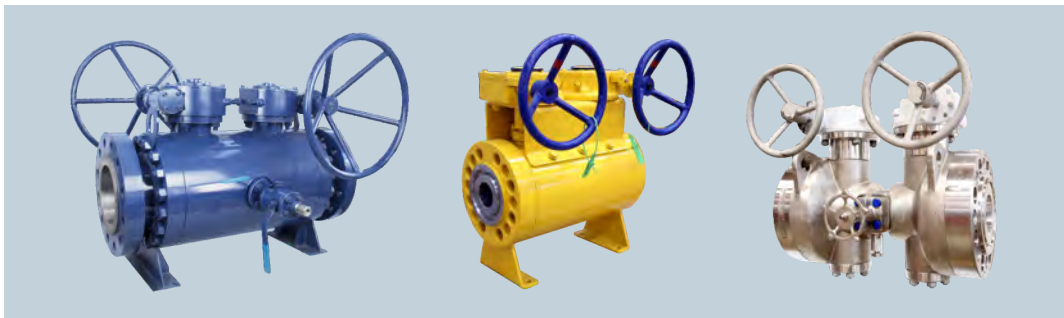


Unique Features of Ball Valve



Ball Valve Applications

Neway supplies integral block and bleed ball valve manifold which are equipped with two balls in one body. The series can be designed in three-piece, long or customized pattern to satisfy the different installation requirements. Ball valve design reduces the weight and space compared with installing two conventional valves when it achieves safer application. These Valves are usually applied in marine and offshore industry.



Product Range

Integral Block and Bleed Ball Valve Manifold			
Type	Floating	Type	Trunnion
Size	1/2" ~ 3"	Size	2" ~ 12"
Rating	150LB ~ 2500LB	Rating	150LB ~ 2500LB
Body Material	CS, 316 SS, 22Cr/25Cr DS, etc.	Body Material	CS, 316 SS, 22Cr/25Cr DS, etc.
Seat Material	Soft Seats: PEEK, PTFE Metal Seats: Tungsten Carbide and Chrome Carbide	Seat Material	Soft Seats: Devlon, PEEK, PTFE Metal Seats: Tungsten Carbide and Chrome Carbide
		Optional Feature	Seat and Stem Injection Points; Ball Cavity Drain and Vent Ports; PTFE Lip Seals Needle type bleed valve with NPT screwed or flanged or socked welded connected to valve body

Note: The materials will be selected according to customer's datasheet requirements.
Please consult Neway Technical Department for out of range.

Valve Information

Valve Description

8x6 ①	BSJ ②	1 ③	R ④	-	G ⑤	,	C40 ⑥	/	3L402626 ⑦
①	Valve Size	②	Valve Type	③	ASME Class	④	End Connection		
⑤	Operator	⑥	Body Materials	⑦	Trim Code				

Integral Block and Bleed Ball Valve Manifold

This catalogue is applicable to ball valves produced by Neway. Integral block and bleed ball valve manifold shall be used for isolation purpose only and shall not be used to regulate the fluid flow. During its life cycle, valve obturator shall always be kept in fully open or fully closed position depending on the application.

The main advantages of Neway's ball valve includes two aspects. Firstly, it will decrease the operator risk with true double isolation. Secondly, it needs less space when installation. Neway's ball valve is often used in offshore application and FPSO application. Typical applications of ball valves are used for Instrumentation purpose or process purpose.

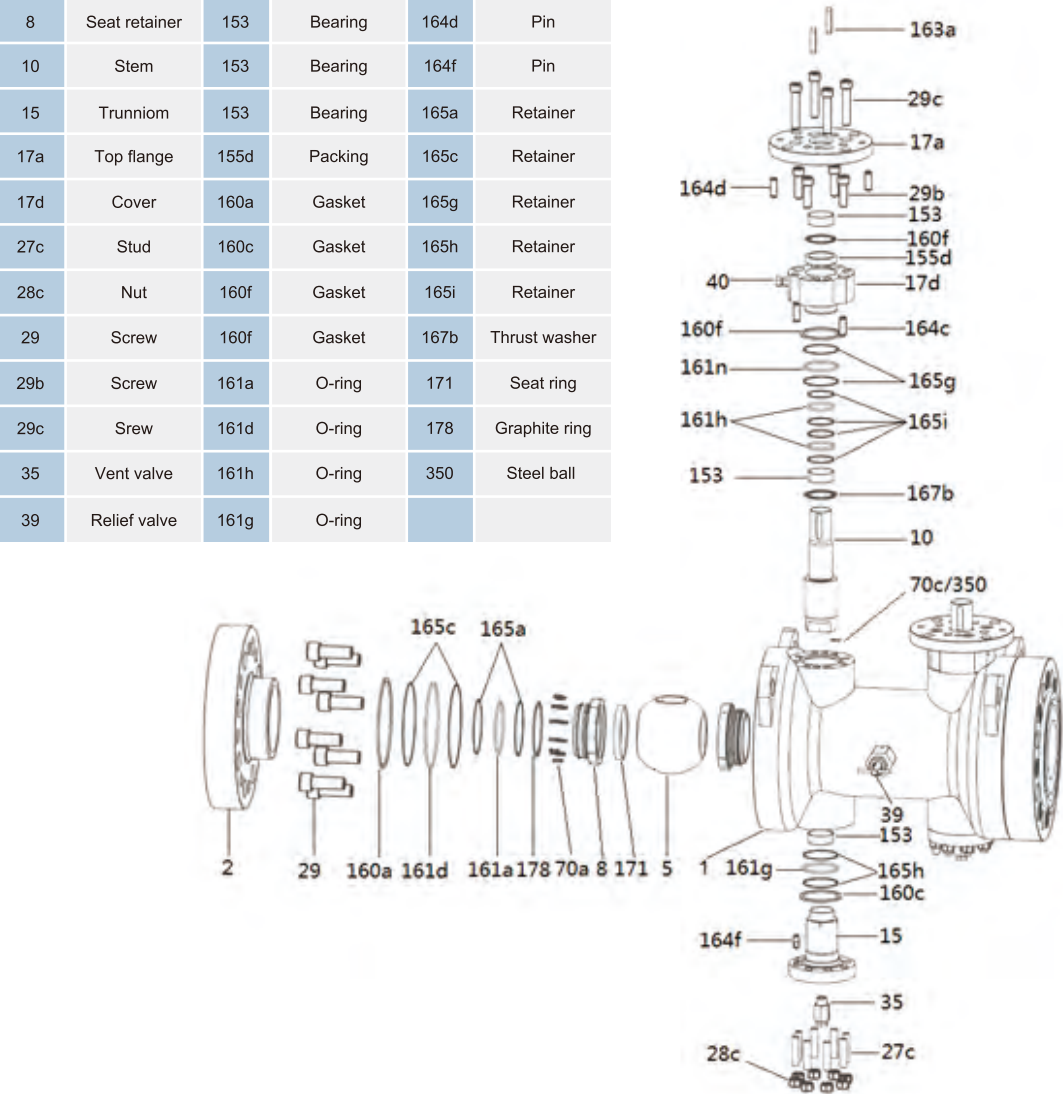
http://www.newayvalve.com



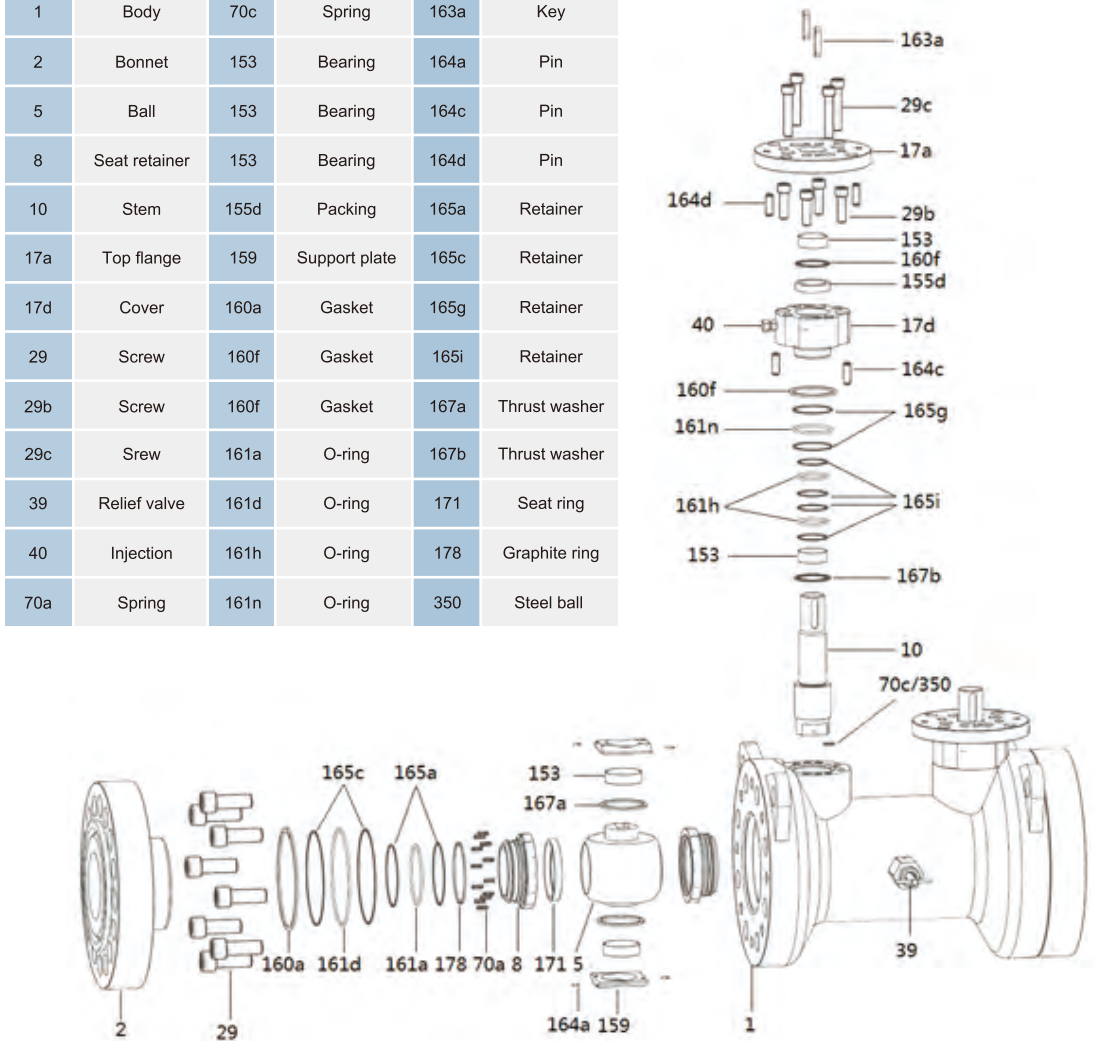
Valve Structure

Standard
ASME B16.34, API 6D, ASME VIII, ASME B16.5, ASME B16.10, EEUMA 182 etc.

NO.	Part	NO.	Part	NO.	Part
1	Body	40	Injection	161n	O-ring
2	Bonnet	70a	Spring	163a	Key
5	Ball	70c	Spring	164c	Pin
8	Seat retainer	153	Bearing	164d	Pin
10	Stem	153	Bearing	164f	Pin
15	Trunniom	153	Bearing	165a	Retainer
17a	Top flange	155d	Packing	165c	Retainer
17d	Cover	160a	Gasket	165g	Retainer
27c	Stud	160c	Gasket	165h	Retainer
28c	Nut	160f	Gasket	165i	Retainer
29	Screw	160f	Gasket	167b	Thrust washer
29b	Screw	161a	O-ring	171	Seat ring
29c	Srew	161d	O-ring	178	Graphite ring
35	Vent valve	161h	O-ring	350	Steel ball
39	Relief valve	161g	O-ring		



NO.	Part	NO.	Part	NO.	Part
1	Body	70c	Spring	163a	Key
2	Bonnet	153	Bearing	164a	Pin
5	Ball	153	Bearing	164c	Pin
8	Seat retainer	153	Bearing	164d	Pin
10	Stem	155d	Packing	165a	Retainer
17a	Top flange	159	Support plate	165c	Retainer
17d	Cover	160a	Gasket	165g	Retainer
29	Screw	160f	Gasket	165i	Retainer
29b	Screw	160f	Gasket	167a	Thrust washer
29c	Srew	161a	O-ring	167b	Thrust washer
39	Relief valve	161d	O-ring	171	Seat ring
40	Injection	161h	O-ring	178	Graphite ring
70a	Spring	161n	O-ring	350	Steel ball



Above are typical manifold structure for trunnion mounted ball, Neway can offer other manifold valves such as floating ball as per customer requirements.

Technical Features

Ball Valve is composed of two single balls, which design features are the same as single ball.

- Floating Ball Valve
 - Blow-out Proof Stem
 - Anti-static Device
 - Position Indicator
 - Locking Device
 - ISO 5211 Actuator Mounting Pad
 - Facility for Mounting a Locking
- Trunnion Mounted Ball Valve
 - Cavity Pressure Relief
 - Anti-static Device
 - Super Fire safe design
 - External leakage prevention
 - Internal leakage prevention
 - Double block and bleed
 - Emergency sealant injection system
 - Lipseal design(optional)
 - Metal-to- metal seat design(optional)
 - Multiple Bleed Valve options

Certificates of Neway Ball Valve

(including but not limited to the following certificates)

- API 6D Cert.
- CE-PED Cert.
- SIL Cert.
- NORSOK Cert.
- ABS Cert.
- AD2000 Cert.
- TA Luft Cert.
- Fire Safe Test Cert.

Complete Solutions for Industrial Valves

About Neway

Neway is a global valve manufacturer committed to the research/development, production, and sale of high-quality industrial valves. Our product scope includes Gate, Globe, Check, Ball, Butterfly, Nuclear, Control, Subsea, Safety valves and Well-Head equipment. Our valves are widely supplied to industries including Oil & Gas, Refining, Chemical/Petrochemical, Pipeline, LNG, On/Offshore Exploration & Production, Power, and Renewable/Green Energy applications. Neway's owned and vertically integrated R & D center, forging/casting plants, and production/assembly bases allow us to control all business processes to ensure a stable supply chain, rigorous quality control standards, and competitive pricing/delivery options. Approximately 3,500 employees all over the world strive to provide Neway's superior products and excellent service to our customers

Neway Factory

Neway adopts the group m lti-factory management model and has one major valve assembly plant in China with 230,000m² coverage , one API 6A valve plant, three casting foundries, one forging factory and new plant for Butterfly valve. Neway also has a joint venture factory in Saudi Arabia.

R&D

In order to meet the application requirements of valves in different fields, Neway applies advanced software (ANSYS, FE-SAFE, MathCAD, Autodesk Simulation CFD, Foxpro, NX, etc.) for product research and development, and has established professional material laboratory and special engineering test, which can simulate various extreme conditions and lay a solid foundation for the research and development of high-end valves.

Sales Network

Neway implements global marketing and sales strategy, has established sales companies and offices subordinate to China HQ in China and overseas, such as America, Netherlands, Italy, Singapore UAE and Nigeria, and established strategic partnership with more than 80 overseas agents and distributors around the world.

Quality Guarantee

Neway is committed to providing zero defects valves to our customers and controls quality from order input, production process, final test to on-site service. Neway products obtained all major industrial qualifications including ISO9001, API 6A, API 6D, UKCA, CE/PED, CU-TR, ASME N & NPT, TA-Luft, ABS, Norsok and fire safe, FE certificate, etc. by our continuous efforts. Moreover, Neway has been approved as a qualified supplier by many world famous energy users. With its high-quality products and services, Neway has also been awarded the title of strategic supplier or "Best partner" by many customers.

