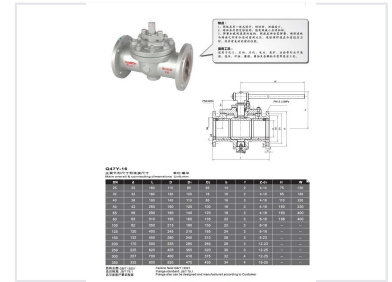


Integrated Metal Sealed Ball Valve

This integrated metal sealed ball valve is designed for high-performance environments. The valve features a one-piece body to enhance rigidity and minimize potential leakage.



Product Overview

High-Performance Integrated Metal Sealed Ball Valve

The Q47Y-16 is a robust, integrated metal sealed ball valve designed for demanding industrial environments. Featuring a one-piece body design for superior rigidity and reduced leakage points, it utilizes a fixed ball structure to effectively minimize opening and closing torque. The spring-loaded seat sealing mechanism ensures reliable performance even under low-pressure conditions, making it an ideal solution for high-temperature, high-pressure, and abrasive applications.

Key Features

Engineering Highlights

- One-piece body design for enhanced structural rigidity
- Fixed ball structure to reduce operation torque
- Spring-loaded seat sealing for consistent pressure performance
- Resistant to high temperatures and corrosive media
- Suitable for particulate-laden fluids

Applications

Recommended Industries

Chemical, Petroleum, Petrochemical, Power Generation, Mining, Metallurgy

Technical Standards

Standards Compliance

GB/T 12221 (Face-to-Face) • JB/T 79.1 (Flange Standard)

Technical Specifications

Main Dimensions (mm)

DN	d	L	D	D1	D2	b	f	Z-d1	H	W
25	25	160	115	85	65	14	2	4-14	75	130
32	32	180	135	100	78	16	2	4-18	85	180
40	38	190	145	110	85	16	3	4-18	110	230
50	42	250	160	125	100	16	3	4-18	160	230
65	58	290	180	145	120	18	3	4-18	160	400
80	65	310	195	160	135	22	3	8-18	188	400
100	82	350	215	180	155	22	3	8-18	—	—
125	120	400	245	210	185	24	3	8-18	—	—
150	132	450	280	240	210	26	3	8-23	—	—
200	170	500	335	295	265	28	3	12-23	—	—
250	225	620	405	355	320	30	3	12-25	—	—
300	257	700	460	410	375	32	4	12-25	—	—
350	335	800	520	470	435	34	4	16-25	—	—

Available Sizes

DN25 to DN350