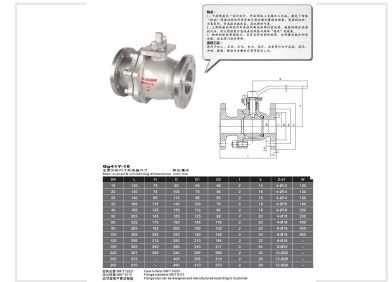


# High-Temperature Wear-Resistant Ball Valve

This ball valve is designed for high-temperature and high-pressure industrial applications. It is suitable for chemical, petroleum, power, and other industries where erosion, wear, corrosion, and particle-laden media are present.



## Product Overview

### High-Performance Industrial Ball Valve

This high-temperature wear-resistant ball valve is engineered for demanding industrial applications, including chemical, petroleum, petrochemical, power, mining, and metallurgy sectors. It features an integrated downstream seat design that ensures rigidity and prevents media accumulation, while the upstream seat utilizes a corrosion-resistant elastic seal to prevent valve lock-up at high temperatures. The unique arc seat design provides excellent sealing and self-grinding capabilities, significantly extending the service life of the valve under harsh conditions involving erosion, high pressure, and particle-laden media.

## Key Features

### Design Advantages

- Integrated downstream seat design prevents media accumulation and wear
- High-temperature, corrosion-resistant elastic seal prevents valve lock-up
- Arc seat design offers self-grinding capabilities and extended service life
- Reliable sealing under high-temperature and high-pressure conditions

### Suitable Industries

Chemical, Petroleum, Petrochemical, Power, Mining, Metallurgy

## Technical Standards

Model Standard	Qg41Y-16
Face to Face Standard	GB/T12221
Flange Standard	GB/T 9113 (Customizable)

## Dimensions Table

### Main Dimensions (mm)

DN	L	H	D	D1	D2	f	b	Z-d1	W
15	130	75	95	65	46	2	14	4-014	130
20	130	75	105	75	56	2	16	4-014	130
25	140	85	115	85	65	2	16	4-014	130
32	165	110	140	100	76	2	18	4-018	180
40	165	135	150	110	84	2	18	4-018	230
50	203	145	165	125	99	2	20	4-018	230
65	222	173	185	145	118	2	20	4-018	400
80	283	183	200	160	132	2	20	8-018	400
100	305	263	220	180	156	2	22	8-018	650
125	356	315	250	210	184	2	22	8-018	150