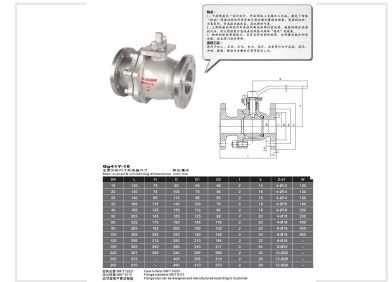


# High-Temperature Wear-Resistant Ball Valve

This ball valve is designed for high-temperature and wear-resistant applications. It features an integrated downstream seat design and arc-shaped seat for reliable sealing.



## Product Overview

### High-Performance Industrial Ball Valve

The Qg41Y-16 ball valve is engineered for demanding industrial environments, including chemical, petroleum, petrochemical, power, mining, and metallurgy sectors. It features an integrated downstream seat design that prevents media accumulation and abrasion, ensuring high rigidity and reliable sealing. The upstream seat incorporates high-temperature, corrosion-resistant elastic seals to maintain stable pressure and prevent valve seizure during thermal expansion. With a unique arc-shaped seat design, this valve offers excellent self-grinding capabilities and an extended service life.

## Key Features

### Design Highlights

- Integrated downstream seat design to prevent media accumulation
- High-temperature and corrosion-resistant elastic upstream seals
- Arc-shaped seat design for self-grinding and scraping functionality
- Rigid seat construction resistant to deformation
- Stable sealing pressure under high-temperature conditions

## Applications & Standards

### Standards Compliance

- Face-to-face: GB/T12221
- Flange standard: GB/T 9113

### Suitable Industries

Chemical, Petroleum, Petrochemical, Power, Mining, Metallurgy

## Dimensional Data

### Main Dimensions (mm)

DN	L	H	D	D1	D2
15	130	75	95	65	46
20	130	75	105	75	56
25	140	85	115	85	65
32	165	110	140	100	76
40	165	135	150	110	84
50	203	145	165	125	99
65	222	173	185	145	118
80	283	183	200	160	132
100	305	263	220	180	156