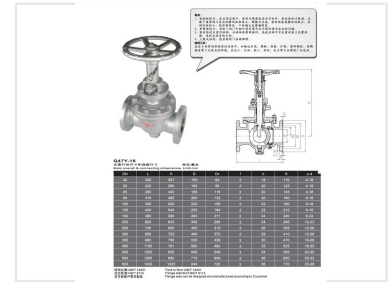


# Metal Sealed Ball Valve with Extended Stem

This metal sealed ball valve is designed for demanding industrial applications. It is suitable for fluids containing solid materials like cement, coal, mineral powder, plastic particles, and viscous substances.



## Product Overview

### Q47Y-16 Metal Sealed Ball Valve

The Q47Y-16 is a high-performance metal-sealed ball valve engineered for demanding industrial environments. It features a unique low-torque design and a self-cleaning structure, making it ideal for handling fluids with solid particles such as cement, coal powder, and viscous substances. With its top-entry design, this valve supports online maintenance, ensuring operational efficiency in sectors like petroleum, chemical, and power generation.

## Key Features

### Technical Advantages

- Low-torque design minimizes seal wear and extends service life
- Self-cleaning seal structure removes accumulated debris during operation
- Single seat design eliminates abnormal pressure build-up in the valve cavity
- Top-entry structure allows for convenient online maintenance

## Applications

### Suitable Industries

Chemical, Petroleum, Light Industry, Textile, Power Industry

## Standards & Compliance

### Compliance Standards

- Face-to-face: GB/T 12221
- Flange standard: GB/T 9113

## Dimensional Data

### Main Dimensions (mm)

DN	L	H	D	D2	b
40	200	307	150	84	18
50	230	360	165	99	20
65	290	420	185	118	20
80	310	495	200	132	20
100	350	520	220	156	22
125	400	540	250	184	22
150	480	590	285	211	24
200	600	625	340	266	24
250	730	685	405	319	26
300	850	735	460	370	28
350	980	758	520	429	30
400	1100	791	580	480	32
450	1200	828	640	548	34
500	1250	890	715	609	36
600	1450	1025	840	720	38