RASONYX
PRECISION COMPONENTS & INDUSTRIAL SUPPLY

Ball Valves

RXV-BV

Two-piece, three-piece, flanged, threaded and actuated ball-valve solutions selected by medium, pressure, temperature and connection.

Product division: Valves & Pneumatics

Datasheet type: Product-family selection and compliance template

Commercial status: Final manufacturer, dimensions, performance and availability are confirmed in the quotation.

Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Selection data and supply scope

Valve forms	Two-piece, three-piece, top-entry, trunnion or application-specific
Required data	Size, pressure class, medium, temperature, connection and actuation
Body / trim	Carbon steel, stainless, duplex, brass and specified alloys
Seats / seals	PTFE, reinforced PTFE, PEEK, elastomer or metal-seated options
Connections	Threaded, socket weld, butt weld, flanged or hygienic as specified
Documentation	Datasheet, drawing, test certificate and declarations as applicable

Capabilities and typical applications

Key capabilities	Typical applications
Full-bore and reduced-bore configurations	Water and utilities
Soft-seated and metal-seated options	Oil and gas service
Manual, pneumatic and electric actuation available	Process isolation
Fire-safe, antistatic and special-service options subject to specification	General industry

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Applicable standards and technical references

The references below are a review framework. Only the standards applicable to the exact product, material, size, configuration and intended use are stated as confirmed in the quotation and final manufacturer documentation.

Area	Reference	Applicability / evidence
Ball valve design	ISO 17292 / API 608 / ASME B16.34	Selected according to valve construction and customer specification
Quality management	ISO 9001	Manufacturer certificate and scope verified for the selected source
Valve design	ISO / EN / API / ASME product standards	Exact design standard selected by valve type and application
Pressure testing	EN 12266 / API 598	Applied where relevant to valve type and project specification
Flanges / end connections	EN 1092 / ASME B16 series / ISO	Applied to the ordered connection system
Actuator interface	ISO 5211	Applied to compatible part-turn actuator mounting arrangements
Materials	EN / ASTM / ASME material specifications	Exact body, trim, seat and seal materials confirmed per order

EU conformity and product status

EU conformity status	Reviewed according to valve type, pressure data, fluid group, actuation and intended use
Pressure equipment	PED requirements considered where the product and operating limits are within scope
CE marking	Applied only where legally required for the supplied configuration
EU declaration	Available where legally required and confirmed before order acceptance

COMPLIANCE CONTROL Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Documentation available where applicable and agreed

Manufacturer datasheet	Final source data for the selected model and configuration
Certificate of Conformity	Product and order reference confirmation according to the agreed source
Material Test Certificate	EN 10204 type 2.2, 3.1 or 3.2 where requested and available
Inspection / test records	Dimensional, pressure, hydro, performance, balancing or functional reports as applicable
Process certificates	Heat treatment, coating, surface finish or other manufacturing records where required
Traceability	Batch, heat, lot or serial records according to product and supply route

Information to include with the enquiry

1	Product, manufacturer, model, part number, drawing or sample reference
2	Quantity, required delivery date, intended application and operating conditions
3	Materials, dimensions, critical performance requirements and customer specifications
4	Mandatory standards plus required EU declarations, certificates, inspection records and document language