

Valve Body Forgings RFQ Support

BLD Forge Direct - Product RFQ Datasheet

Generated: 2026-06-27

Canonical page: <https://www.bldforgedirect.com/products/valve-body-forgings/>

Valve body forging RFQs are reviewed by drawing, pressure application, material grade, forging process, machining allowance and inspection requirements.

Scope note: This PDF is generated from the visible product page technical table. It is an RFQ preparation sheet, not a substitute for the buyer's current standard, drawing revision, tolerance note or project specification. Standard dimensions are not invented here.

Engineering Snapshot

Product family

Valve and Pressure Forgings

Typical scope

Valve body and valve component forging review; Drawing-based tolerance and machining process support; Material, NDT and documentation checked before quote

Standards / drawings

Project drawing or purchase specification; ASME B16.5 where flange dimensions follow ASME classes; EN 1092-1 / DIN where PN and DN requirements are specified; GOST 33259, 12820 or 12821 where CIS project requirements apply; ASTM, EN or project material standards as listed in the RFQ

Material review

ASTM A105 carbon steel; ASTM A350 LF2 low-temperature carbon steel; Stainless steel grades such as 304, 316, 321 or 347; Duplex and super duplex grades when specified by the project; Alloy steel or drawing-specified grades subject to feasibility review

Critical RFQ variables

Drawing revision and pressure-service application; Port, branch, body or bonnet geometry; Material grade, wall thickness, heat treatment and NDT; Machining allowance, datum surfaces and critical tolerances; Quantity, destination country and packing requirement

Inspection documents

MTC EN 10204 3.1; Heat treatment record; Dimensional report; PMI when alloy verification is required; UT, MT or PT when specified; Tensile, impact or hardness test records when required

Valve Body Forgings Technical Data That Changes the RFQ

Pressure body scope

Valve body forgings are reviewed by port size, wall sections, body geometry, pressure zones and machining allowance.

Typical review basis

Valve OEM drawings, pressure service, material grade, rough weight and NDT route before quotation.

Standard references

Buyer valve-body drawing, ASTM/EN material standard, project pressure class and NDT specification.

Critical dimensions

Port size, body wall thickness, branch geometry, flange or end connection zone and machining allowance.

Inspection depth

UT, MT/PT, heat-treatment record, MTC 3.1, dimensional report and traceability.

RFQ reminder

Send the standard or drawing, material grade, quantity, inspection requirement, document list and destination country to quote@bldforgedirect.com.