

JIS B 2220 Flanges, 5K to 63K (with KS B 1503)

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JIS B 2220 is the Japanese standard for steel pipe flanges: nominal pressures 5K to 63K, nominal sizes 10A to 1500A, for steam, air, gas, water and oil lines from ordinary to high-pressure, high-temperature, alloy and stainless piping. Korea's KS B 1503 uses the same K designations for 5K to 30K. We make flanges to these dimensions on order.

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.

JIS B 2220 Flanges Technical Specification

JIS scope

JIS B 2220 nominal pressures 5K, 10K, 10K thin type, 16K, 20K, 30K, 40K and 63K, nominal sizes 10A to 1500A; KS B 1503 covers 5K to 30K. Each K rating and type has its own size range in the standard.

Standards / drawings

JIS B 2220 nominal pressures 5K to 63K KS B 1503 5K to 30K Yard or equipment drawings in JIS sizes Classification-society rules where the ship is classed

Material grades

SFVC 2A (JIS G 3202) or ASTM A105 carbon steel SFL2 (JIS G 3205) or ASTM A350 LF2 for low temperature SFVAF22A/B (JIS G 3203) or ASTM A182 F22 chrome-moly SUSF304, SUSF316L (JIS G 3214) or ASTM A182 stainless Duplex by ASTM A182 F51/F60 - JIS G 3214 lists no duplex grade

Flange types

SOP, SOH, WN, SW, LJ, TR, BL and IT, with FF, RF, MF or TG gasket seats, made to the dimensions of the standard or your drawing.

Marking

The marking your order specifies; no JIS Mark or KS mark is held or applied.

Inspection depth

Dimensional report against the ordered standard, EN 10204 3.1 or 3.2, and PT, MT or UT as your order names them.

Reviewed before quotation

Nominal pressure (K) and A size JIS flange type and gasket seat Material in JIS or ASTM terms, and design temperature Marking wording - no JIS or KS mark Class society and rules if the flanges go on a classed ship

Best-fit RFQ

Best for flange line items drawn to JIS B 2220 or KS B 1503 - yards, Japanese- or Korean-designed plants and equipment built to JIS piping.

Buyer application

Shipbuilding and marine piping, Japanese- and Korean-designed process plants, utilities and equipment packages.

RFQ reminder

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