Valves

Process and project valves supplied to specification



Industrial valves for process and project applications, supplied against specifications, datasheets and project requirements. We work from your valve datasheet or line list and quote on body material, trim, pressure class, end connection, actuation and testing, with material certification and inspection release notes on every shipment.

Stock status: Project supply - Typical lead time: Stock items 1 - 2 weeks; project packages quoted on enquiry

Key features

- Quoted directly from your valve datasheet or line list
- Body, trim and actuation matched to the service conditions
- Material certification, test reports and inspection release on every shipment
- Project consolidation so a full valve package ships together

Types & configurations

Type	Specification
Gate valves	Cast / forged body, API 600 and API 602, Class 150 - 2500, flanged, butt-weld or socket-weld ends
Globe valves	Throttling service, BS 1873 / API 623, Class 150 - 1500, bolted bonnet, OS&Y
Ball valves	Floating and trunnion mounted, API 6D / API 608, full and reduced bore, fire-safe to API 607
Butterfly valves	Wafer, lug and double-flanged, concentric, double and triple offset, API 609 / EN 593
Check valves	Swing, lift, dual-plate and axial, API 594 / BS 1868, Class 150 - 900
Knife gate & slurry valves	Mining and tailings duty, wafer and through-going blade, hardened or rubber-lined seats
Control & on-off actuation	Manual, gear-operated, pneumatic, electric and hydraulic actuators with limit switches and SIL options

Specifications

Property	Value
Body materials	Carbon steel (WCB / A105), stainless (CF8M / F316), duplex (F51 / F55), nickel alloys, bronze
Pressure classes	Class 150, 300, 600, 900, 1500, 2500 / PN 16 - PN 420
Size range	1/2" to 48" (DN 15 - DN 1200), larger on project enquiry
Testing	Hydrostatic shell and seat, API 598, fugitive emission ISO 15848, cryogenic and fire-safe on request
Documentation	EN 10204 3.1 material certificates, test reports, NACE MR0175 / ISO 15156 where specified

Standards

API 600, API 602, API 608, API 6D, API 609, API 594, API 598, BS 1873, BS 1868, EN 593, NACE MR0175 / ISO 15156

Industries served

Oil & Gas, Petrochemical, Mining, Water & Desalination, Power, EPC Contractors

Typical applications

- Oil and gas process lines and manifolds
- Refinery and petrochemical isolation duty
- Water treatment and desalination plant
- Mining slurry, tailings and process water
- Power and district cooling plant rooms
- EPC project packages and line lists