

Valve Gearbox Selection Worksheet

Selection / RFQ | Printable worksheet | Rev. 2026-09

Collect valve demand, mounting details and service conditions before requesting a gearbox proposal.

01 Project and valve

Project / valve tag / quantity:

Valve maker / model / DN or NPS / pressure class:

02 Service and motion

Media / temperature / maximum differential pressure:

Part-turn angle or multi-turn travel / stem arrangement:

03 Operating demand

Breakaway / running / seating torque (Nm), source and conditions:

Axial thrust (N), if applicable / source document and revision:

04 Mounting and coupling

Flange designation / bolt pattern / pilot / drawing revision:

Stem profile / keyway / engagement / adapter drawing:

05 Duty and environment

Manual / motorized / override; on-off / modulating; cycles / time:

Ambient range / exposure / required IP; immersion depth and duration:

06 Proposed configuration and review

Exact model / output rating / ratio / input limit / document:

Handwheel clearance / required drawings, IOM and evidence:

Use valve-maker operating data and the offered gearbox drawing. Confirm capacity separately from flange fit. State any holding requirement and project sizing criteria; no universal torque factor is assumed.