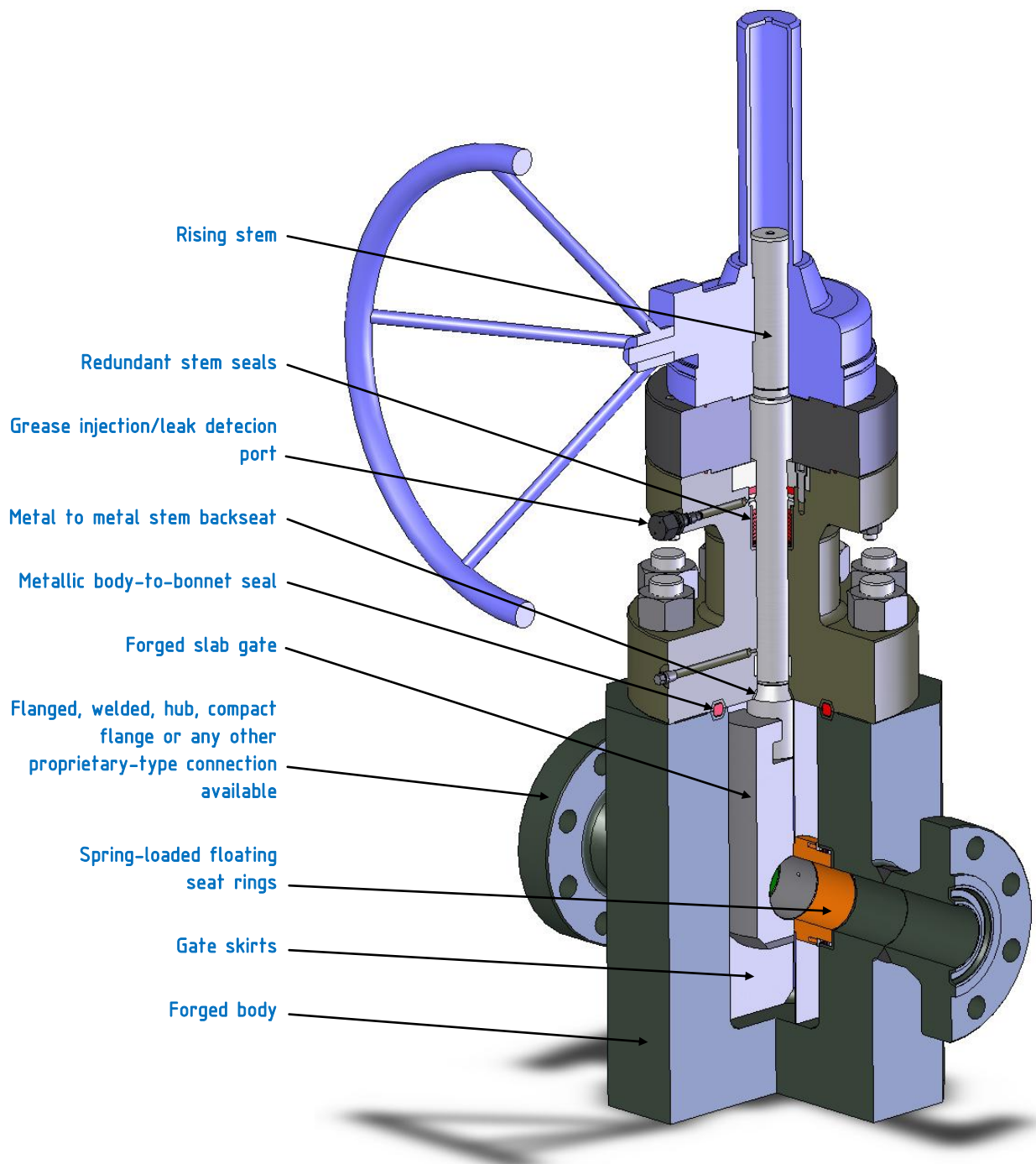


API 6A Through Conduit Slab Gate Valves

FORGED BODY



AST SpA also design and manufacture:

- On/off ball valves,
- API 6D through conduit slab gate valves,
- safety relief valves,
- pilot-operated safety valves,
- rotary control valves,
- globe control valves,
- change-over valves,
- vacuum release valves

API 6A Through Conduit Slab Gate Valves

FORGED BODY

Main features

Bi-directional sealing.

Rising stem (non-rising stem available).

Metallic pressure-energized bonnet to body seal (IX-type std., BX-type optional)

Hardened metal to metal gate to seat seal.

Metal to metal seat to body seal.

Two independent backup (resilient) seat seals: Elgiloy spring-energized PTFE/PEEK lip seal + PTFE face seal.

PTFE/PEEK Elgiloy spring-loaded stem packing.

Metallic backseat integral with the stem.

Pressure relieve/leak detection/grease injection port above backseat.

Springs pre-loaded floating seat rings:

- wiping-effect on the gate surface when stroking the valve minimizes the risk of damages due to sand and debris;
- unrestricted (differential) thermal expansion between seats-gate stack-up and body.

If body pressure exceeds upstream pressure, body cavity pressure is vented upstream: no pressure lock when the valve is opened (reverse acting configuration) or closed (normal acting configuration).

Gate guides (available on request) minimize debris entering the body cavity.

T-slot in gate and stem nut allow for unrestricted axial movement towards seats.

Wide variety of materials available for body and trim.

Surface or subsea application.

Sizes / Pressure Classes

NPS 1 1/2 to NPS 11

API 2000 to 15000.

Design Codes & Product Standards

API 6A/ISO 10423, ASME VIII, API 6FA

Contacts:

AST S.p.A.

Via Merendi, 40

I - 20010 Cornaredo MI

Ph. +39 029348481

Fax +39 029362248

www.astspa.it

info@astspa.it



Where we are:

