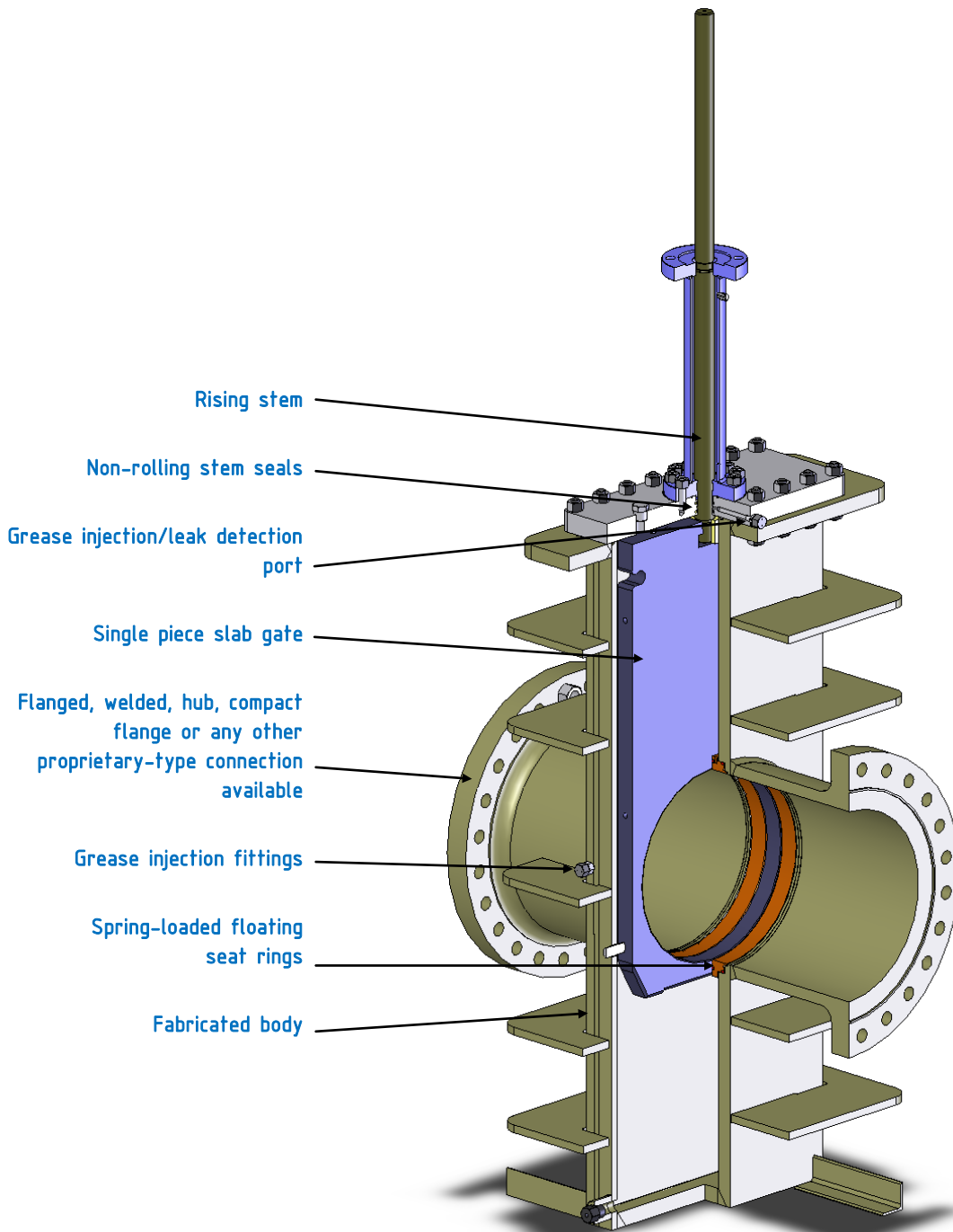


API 6D Through Conduit Slab Gate Valves

FABRICATED BODY



AST SpA also design and manufacture:

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

API 6D Through Conduit Slab Gate Valves

FABRICATED BODY

Main features

Bi-directional sealing.

Rising stem.

Self-energized, non-rolling, redundant stem seals.

Pressure relieve/leak detection/grease injection port between stem seals.

Metallic backseat integral with the stem (available on request).

Two barriers between body and seats: first barrier soft, second barrier metallic.

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.

Primary metal (hardened), secondary soft sealing between gate and seat rings.

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

Double block and bleed.

Grease injection fittings available on the seats for emergency sealing.

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

T-slot in gate allows for unrestricted axial movement towards seats.

Wide variety of materials available for body and trim.

Surface or buried application.

Sizes / Pressure Classes

NPS 1 to NPS 60

Class 150 to 1500.

Design Codes & Product Standards

ASME B16.34, ASME VIII, API 6D/ISO 14313, ASME B16.5, ASME B16.25, ISO 10497

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:

