

# STEEL THROUGH CONDUIT - API 6A

## Features

- ▶ Hawa Valves Cast Steel Through conduit Gate Valves have been designed to meet the requirements of API 6A
- ▶ Face to Face and End to End dimensions conform to API 6A
- ▶ End flange dimensions conform to API 6A
- ▶ Butt weld end dimensions conform to API 6A
- ▶ Screwed end dimensions conform to API 6A
- ▶ Collapsing movement of split gate away from seat during opening eliminates erosion and abrasion of seats and gate
- ▶ Weather proof operating system
- ▶ Easy maintenance with valve in-line
- ▶ Through conduit piggable passage
- ▶ Anti-frictional Ball bearings
- ▶ Inside screw and yoke construction
- ▶ Bi-directional shut-off
- ▶ Sealant injector fittings
- ▶ Body ports are streamlined, permitting unobstructed flow, reduces turbulence, results in lower pressure drop and lower erosion
- ▶ Available in all popular bore sizes and PSL 1 through 4
- ▶ Valves meet the requirements of fugitive emission levels Shell category B as per MESC SPE 77/312

## Options

- ▶ Slab gate with floating seats
- ▶ Position indicator
- ▶ Hydraulic or Pneumatic actuator available
- ▶ Can be supplied with GRAYLOC END HUB, under project license from GRAYLOC PRODUCTS®, UK.

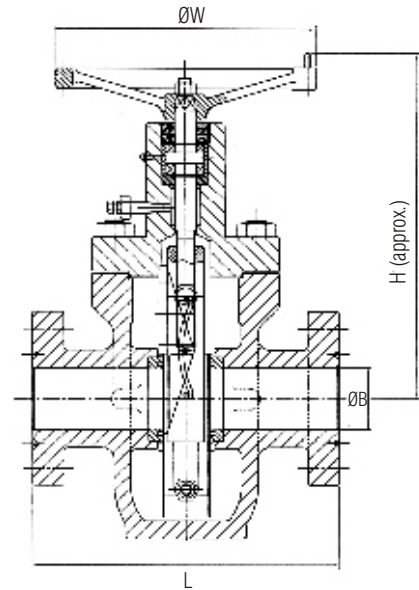
## Materials

Part Name	Material Option
<b>Body</b>	ASTM A 216 WCB / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB / A 487 4A
<b>Bonnet</b>	ASTM A 216 WCB / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB / A 487 4A
<b>Gate Guide Skirt</b>	SS 304 / SS 316
<b>Gate<sup>@</sup></b>	ASTM A 216 WCB / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB / A 487 4A
<b>Spring</b>	SS 304
<b>'O' Ring</b>	VITON
<b>Seat Rings<sup>@</sup></b>	ASTM A 216 WCB / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB / A 487 4A
<b>Seat</b>	PTFE
<b>Spindle</b>	ASTM A 479 410 / A 479 304 / A 479 316 / A 479 304L / A 479 316L
<b>Stem Nut</b>	ASTM A 439 Gr.D2 / Al. Bronze
<b>Bonnet Gasket</b>	Low Carbon Steel / Stainless Steel
<b>Cover Ring</b>	VITON / Nitrile
<b>Packing Injector</b>	SS 410 / SS 304
<b>Gland Packing</b>	Chevron Ring / Graphoil / PTFE
<b>Lantern Ring</b>	SS 410 / SS 316
<b>Gland Ring</b>	Carbon Steel / Stainless Steel
<b>Gland Nut</b>	Carbon Steel / Stainless Steel
<b>Bonnet Cap</b>	ASTM A 216 WCB / A 351 CF8 / A 351 CF8M / A 351 CF3 / A 351 CF3M / A 352 LCB / A 487 4A
<b>Bearing</b>	Standard
<b>Pin</b>	SS 410
<b>Drive Screw</b>	Carbon Steel
<b>Hand Wheel</b>	Carbon Steel
<b>Locking Pin</b>	Carbon Steel
<b>Studs / Bolts</b>	ASTM A 193 B7 / A 193 B7M / A 193 BBM / A 320 L7
<b>Nut</b>	ASTM A 194 2H / A 194 8 / A 194 8M / A 194 4 / 7

\* Valves are available in Duplex & Super Duplex Stainless Steel and Nickel Aluminium Bronze. Please indicate Trim required and ask for individual technical data sheets provided separately for these special materials.

@ CS & Alloy Steel Gate and Seat Rings will be ENP coated unless specified otherwise overlaid with 13% CR. or STELLITE 6 as per customer specifications.

\* Compliant to NACE MR-0175 (2002)



Dimensions on request for  
Sizes 2 1/16" NPS to 5 1/8"  
in ratings 2000 psi through 10000 psi.

