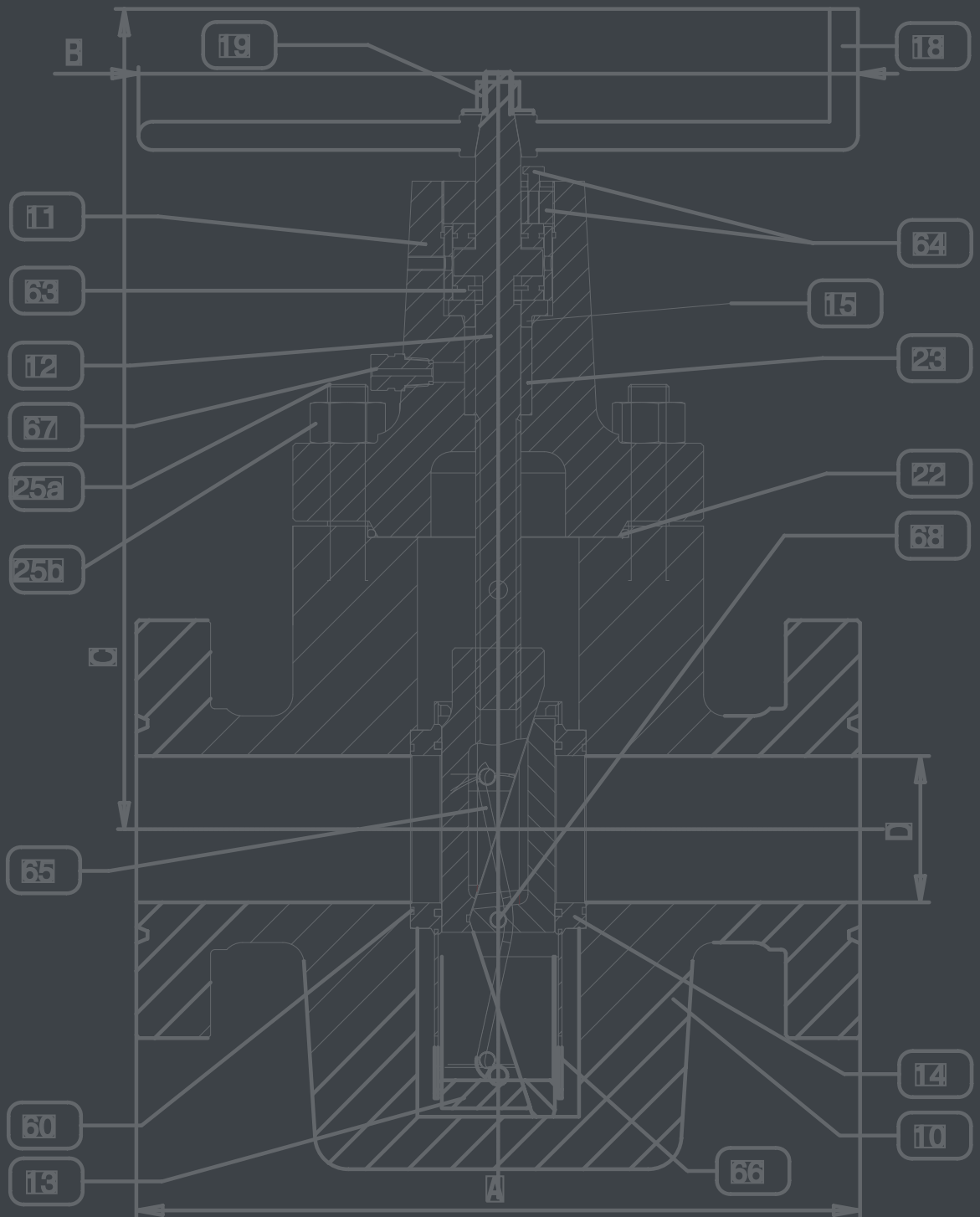


THROUGH CONDUIT FORGED VALVES





THROUGH CONDUIT VALVES



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GATE VALVES

THROUGH CONDUIT CLASS 3000 FLANGES API 6A / API 6D



DOUGLAS CHERO THROUGH CONDUIT Class: 3000

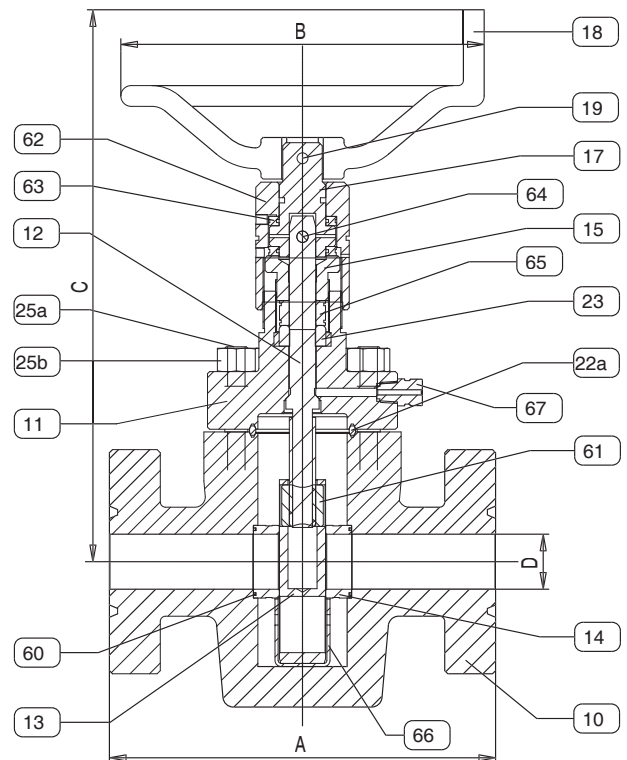
THROUGH CONDUIT GATE VALVE CLASS 3000

Specifications

Bore	Full Bore / <i>Double Block and Bleed</i>
Seats	With PTFE insert or Integral Metal to Metal seats Fire Safe
Packing	Suitable for High Temperature service (up to 520° C) on request
Operation	Handwheel, Gearbox, Actuator (Electric, Hydraulic or Pneumo-hydraulic)
Standards	Up to API 10,000

Standard execution with stem-greaser

No.	Part name
10	Body
11	Bonnet
12	Stem
13	Wedge
14	Seats
15	Packing gland
17	Stem nut
18	Handwheel
19	Handwheel plut
22a	Rj gasket
23	Packing
25a	Body stud bolts
25b	Body nuts
60	Seats gasket
61	Lift nut
62	Bearing support
63	Bearing
64	Stem plug
65	Packing ring
66	Wedge slide
67	Greaser



THROUGH CONDUIT CLASS 3000 P.S.I. API 6A / API 6D

Dimensions	2.1/16"		2.9/16"		3.1/8"		4.1/16"	
	mm.	inches	mm.	inches	mm.	inches	mm.	inches
A (End to end)	371	14.5/8"	422	16.5/8"	435	17.1/8"	511	20.1/8"
B (Handwheel Diam.)	350	13"	350	13"	500	20"	500	20"
C (Center to Top)	500	19.5/8"	525	20.5/8"	580	23"	675	26.5/8"
D (Port Diam.)	52,4	2.1/16"	65,1	2.9/16"	79,4	3.1/8"	103,2	4.1/16"
Approx. Weight (Kg./lb.)	80	176	100	220	140	308	280	617

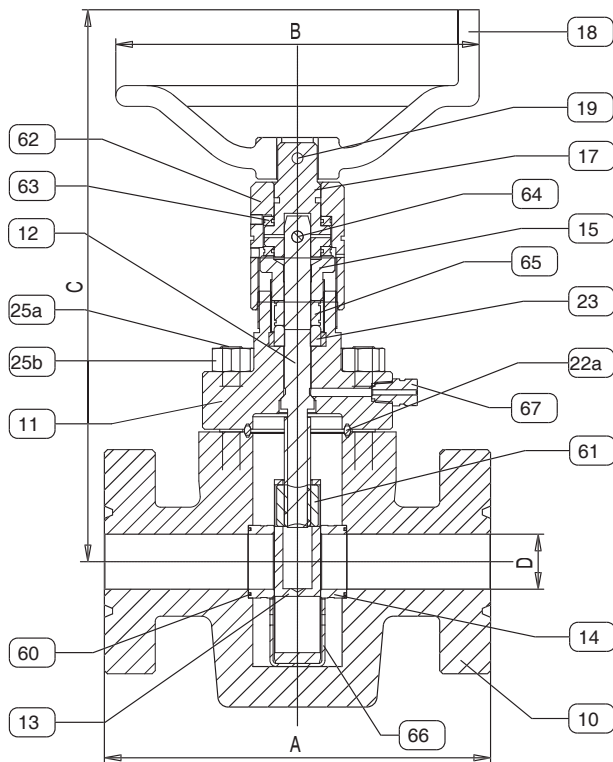


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THROUGH CONDUIT CLASS 5000 FLANGES API 6A / API 6D



DOUGLAS CHERO THROUGH CONDUIT		Class: 5000
THROUGH CONDUIT GATE VALVE CLASS 5000		
Specifications		
Bore	Full Bore / <i>Double Block and Bleed</i>	
Seats	With PTFE insert or Integral Metal to Metal seats Fire Safe	
Packing	Suitable for High Temperature service (up to 520° C) on request	
Operation	Handwheel, Gearbox, Actuator (Electric, Hydraulic or Pneumo-hydraulic)	
Standards	Up to API 10,000	



Standard execution with one stem-greaser and two wedge-greasers	
No.	Part name
10	Body
11	Bonnet
12	Stem
13	Gate assembly
14	Seats
15	Packing gland
18	Handwheel
19	Handwheel nut
22	Gasket
23	Packing
25a	Body stud bolts
25b	Body nuts
60	Seat gasket
63	Thrust bearing
64	Set screw and set nut
65	Spring
66	Wedge slide
67	Greaser
68	Pin

THROUGH CONDUIT CLASS 5000 P.S.I. API 6A / API 6D

Dimensions	2.1/16"		2.9/16"		3.1/8"		4.1/16"	
	mm.	inches	mm.	inches	mm.	inches	mm.	inches
A (End to end)	371	14.5/8"	422	16.5/8"	473	18.5/8"	549	21.5/8"
B (Handwheel Diam.)	350	13"	350	13"	500	20"	500	20"
C (Center to Top)	500	19.5/8"	525	20.5/8"	580	23"	675	26.5/8"
D (Port Diam.)	52,4	2.1/16"	65,1	2.9/16"	79,4	3.1/8"	103,2	4.1/16"
Approx. Weight (Kg./lb.)	80	176	100	220	150	330	300	660

GATE VALVES

THROUGH CONDUIT CLASS 3000 FLANGES API 6A / API 6D *SPLIT WEDGE*



DOUGLAS CHERO THROUGH CONDUIT

Class: 3000

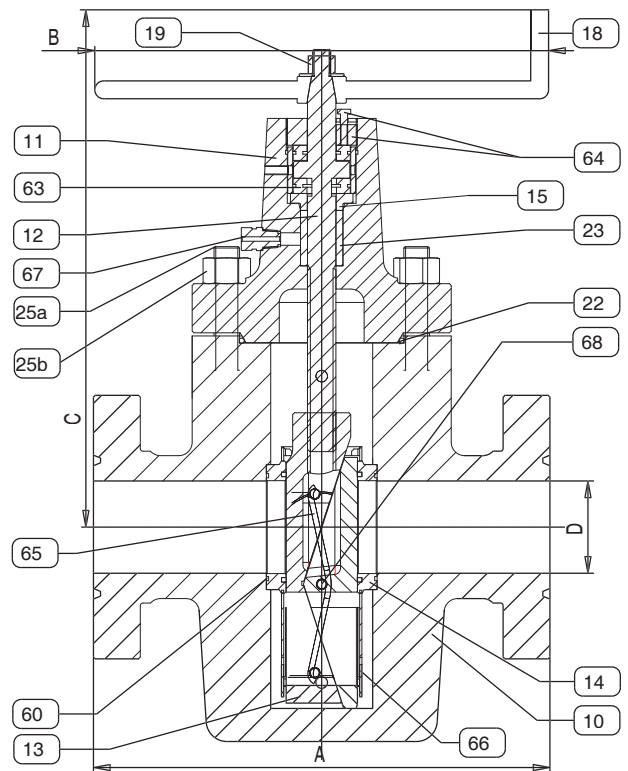
THROUGH CONDUIT GATE VALVE CLASS 3000 SPLIT WEDGE

Specifications

Bore	Full Bore / <i>Double Block and Bleed</i>
Seats	With PTFE insert or Integral Metal to Metal seats Fire Safe
Packing	Suitable for High Temperature service (up to 520° C) on request
Operation	Handwheel, Gearbox, Actuator (Electric, Hydraulic or Pneumo-hydraulic)
Standards	Up to API 10,000

Standard execution with stem-greaser

No.	Part name
10	Body
11	Bonnet
12	Stem
13	Wedge
14	Seats
15	Packing gland
17	Stem nut
18	Handwheel
19	Handwheel plug
22a	Rj gasket
23	Packing
25a	Body stud bolts
25b	Body nuts
60	Seat gasket
61	Lift nut
62	Bearings support
63	Bearing
64	Stem plug
65	Packing ring
66	Wedge slide
67	Greaser



THROUGH CONDUIT CLASS 3000 P.S.I. API 6A / API 6D *SPLIT WEDGE*

Dimensions	2.1/16"		2.9/16"		3.1/8"		4.1/16"	
	mm.	inches	mm.	inches	mm.	inches	mm.	inches
A (End to end)	371	14.5/8"	422	16.5/8"	435	17.1/8"	511	20.1/8"
B (Handwheel Diam.)	350	13"	350	13"	500	20"	500	20"
C (Center to Top)	500	19.5/8"	525	20.5/8"	580	23"	675	26.5/8"
D (Port Diam.)	52,4	2.1/16"	65,1	2.9/16"	79,4	3.1/8"	103,2	4.1/16"
Approx. Weight (Kg./lb.)	80	176	100	220	140	308	280	617



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THROUGH CONDUIT CLASS 5000 FLANGES API 6A / API 6D *SPLIT WEDGE*



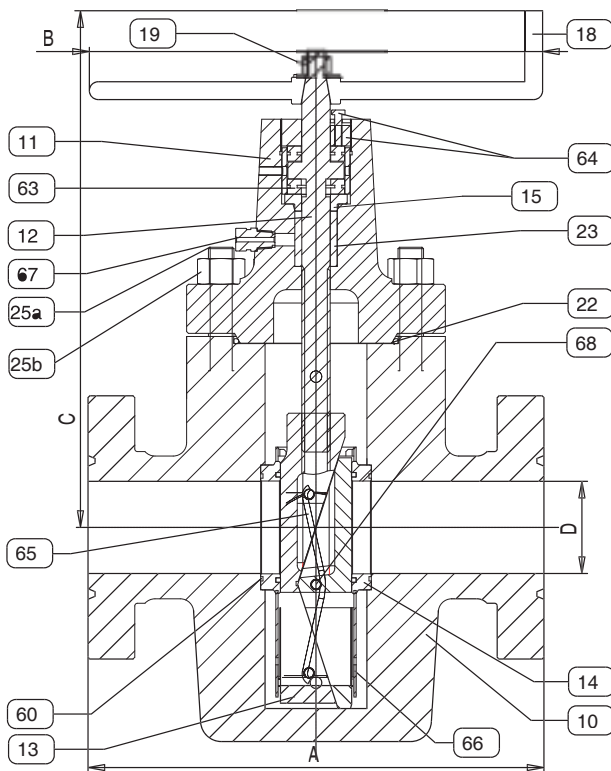
DOUGLAS CHERO THROUGH CONDUIT

Class: 5000

THROUGH CONDUIT GATE VALVE CLASS 5000 SPLIT WEDGE

Specifications

Bore	Full Bore / <i>Double Block and Bleed</i>
Seats	With PTFE insert or Integral Metal to Metal seats Fire Safe
Packing	Suitable for High Temperature service (up to 520° C) on request
Operation	Handwheel, Gearbox, Actuator (Electric, Hydraulic or Pneumo-hydraulic)
Standards	Up to API 10,000



Standard execution with one stem-greaser and two wedge-greasers

No.	Part name
10	Body
11	Bonnet
12	Stem
13	Gate assembly
14	Seats
15	Packing gland
18	Handwheel
19	Handwheel nut
22	Gasket
23	Packing
25a	Body stud bolts
25b	Body nuts
60	Seat gasket
63	Thrust bearing
64	Set screw and set nut
65	Spring
66	Wedge slide
67	Greaser
68	Pin

THROUGH CONDUIT CLASS 5000 P.S.I. API 6A / API 6D *SPLIT WEDGE*

Dimensions	2.1/16"		2.9/16"		3.1/8"		4.1/16"	
	mm.	inches	mm.	inches	mm.	inches	mm.	inches
A (End to end)	371	14.5/8"	422	16.5/8"	473	18.5/8"	549	21.5/8"
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Approx. Weight (Kg./lb.)	80	176	100	220	150	330	300	660