



# Data Sheet 1.91

## Issue A

### Cast Steel OS&Y Gate Valve

### Class 300

#### Features

- Valve according to API 600
- End to End dimensions according to ANSI B16.10
- Monitoring option with PSP1 switch

#### Design Standards

ASME B16.34

#### Connections

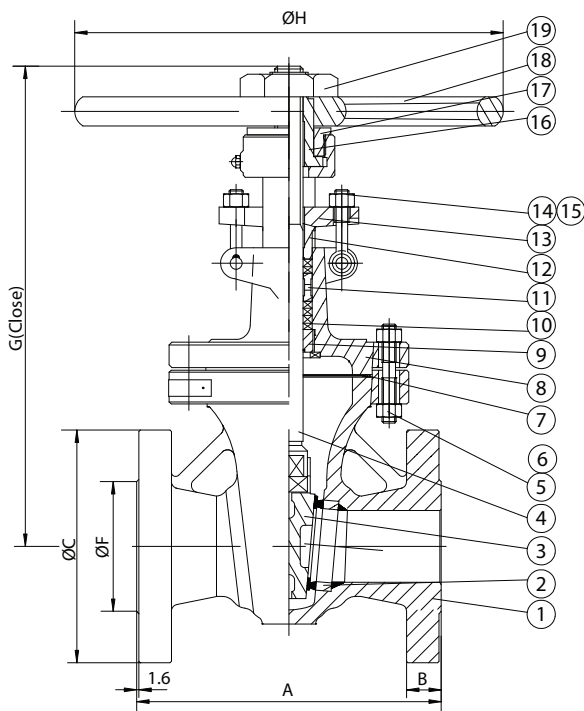
PN40 Flange as per BS EN 1092-1

#### Maximum Working Pressure

46bar (670psi) at 100°C (Class 300)

#### Dimensions

Size		Dimensions [mm]						Weight [kg]	Ordering Codes
mm	inch	A	B	C	F	G	H		
DN65	2½"	241	26	190	105	366	200	44	RDOS&Y065PN40
DN80	3"	283	29	210	127	431	250	55	RDOS&Y080PN40
DN100	4"	305	32	254	157	499	250	83	RDOS&Y100PN40
DN150	6"	403	37	318	216	647	350	137	RDOS&Y150PN40
DN200	8"	419	42	381	270	757	400	240	RDOS&Y200PN40



#### Material Specifications

Part No.	Description	Material	Specification
1	Body	Cast Steel	ASTM A216 WCB
2	Body Ring	Carbon Steel	ASTM A105 + STL
3	Gate	Cast Steel	ASTM A216 WCB+F6
4	Stem	Stainless Steel	ASTM A182 F6
5	Bonnet Bolt	Steel	ASTM A193-B7M
6	Bonnet Nut	Steel	ASTM A194-2HM
7	Gasket	Spiral Wound	SS304+Graphite
8	Bonnet	Cast Steel	ASTM A216 WCB
9	Backseat Bushing	Stainless Steel	ASTM A479-410
10	Packing Ring	Graphite	
11	Distance Ring	Stainless Steel	ASTM A479-410
12	Gland	Stainless Steel	ASTM A479-410
13	Gland Flange	Cast Steel	ASTM A216 WCB
14	Eye Bolt	Steel	ASTM A193-B7M
15	Eye Bolt Nut	Steel	ASTM A194-2HM
16	Stem Nut	NI-Resist	ASTM A439 D-2
17	Gland Nut	Carbon Steel	ASTM A 29-1035
18	Handwheel	Nodular Cast Iron	
19	Handwheel Nut	Carbon Steel	ASTM A 29-1035