

S-GATE VALVE

TECHNICAL DATA INFORMATION

PREPARED BY
CNS ENGINEERING AUSTRALIA

About The S-Gate Valve

INSTALLATION PIPE RANGES

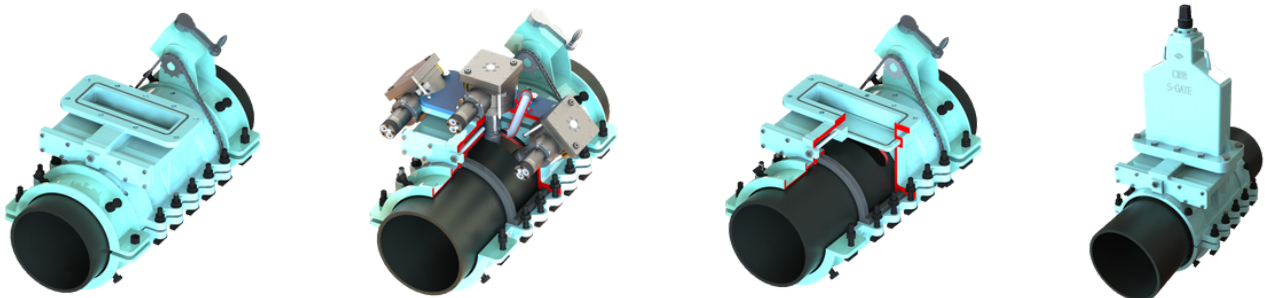
S-Gate valve can be installed on MPVC, Polyethylene, Ductile Iron, Cast Iron and Asbestos Cement pipes.

S-GATE VALVE SIZES

80mm, 100mm, 125mm, 150mm, 200mm, 225mm, 250mm, 300mm, 375mm and 450mm

KEY COMPONENTS

- High durability and strength manufactured with Ductile Iron Grade JS/400/15 in accordance with ISO 1083.
- Ductile Iron Temporary Gate valve to allow installation of S- Gate valve under pressure.
- Thermal bonded polymeric coating for Corrosion Resistance. Akzo Nobel Resicoat R-4ES applied in accordance with AS/NZS 4158.



Technical Data



Size Range DN80, 100, 125, 150, 200, 225, 300, 375, 450

Pressure (AOP) DN80 - DN 300 (PN16)
DN 375 - DN 450 (PN12)

Maximum Temperature 40 °C

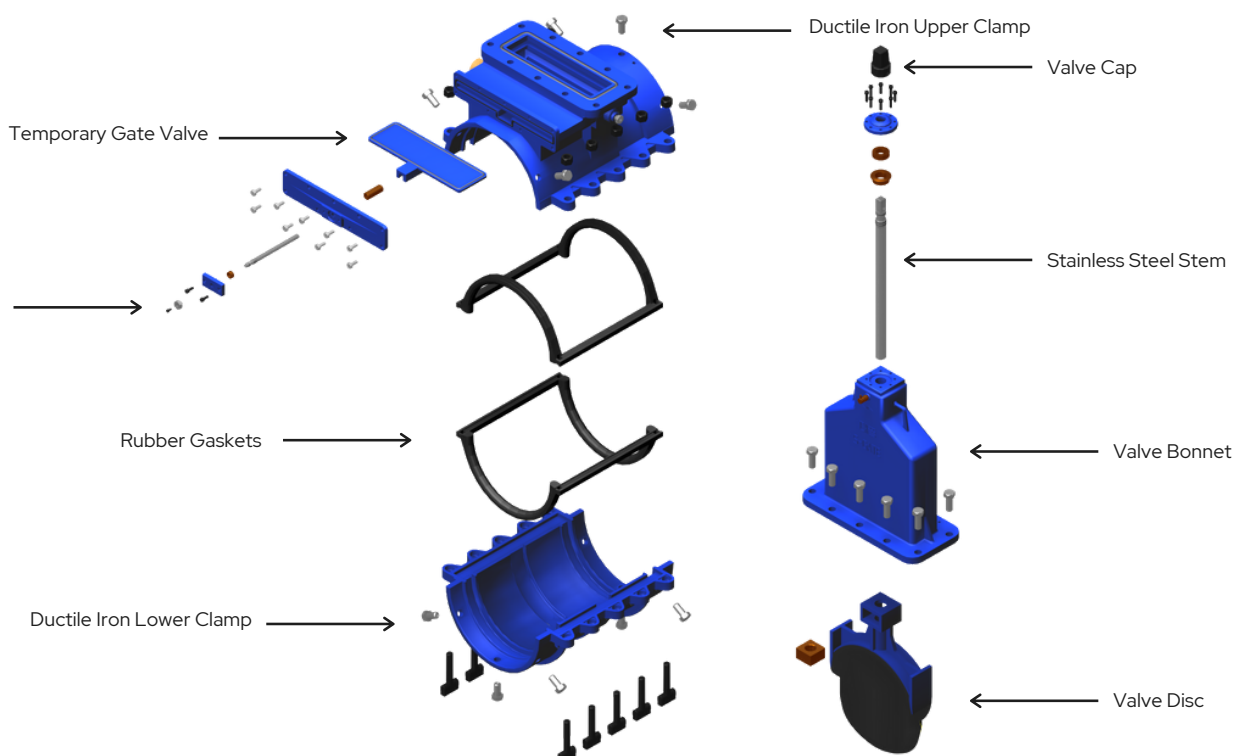
Connection Type CLAMP TYPE
AS4181 - 2019

Other Standard Compliance AS4181 - 2019
AS/NZS 2638.2

AS 4020

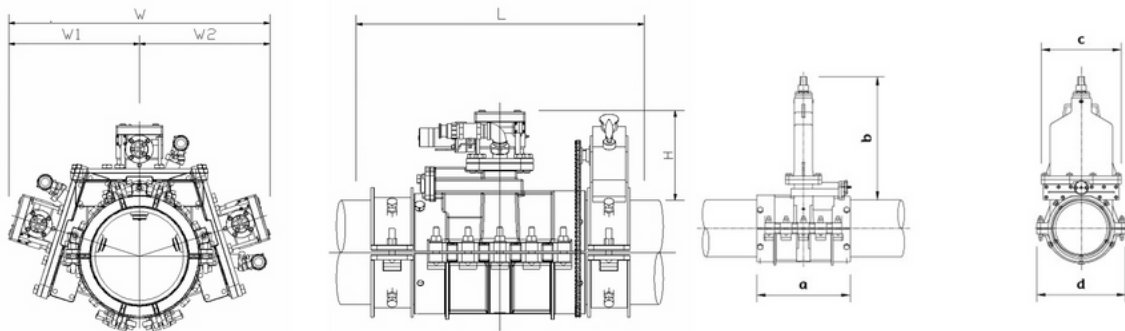
WSAA APPRAISAL NO. PA1823

S-Gate Valve Components



Installation Space Requirement

Size of Main (mm)	S-Gate Valve			Number of Turns	S-Gate Drill H	Minimum Space Requirement			
	a	b	c			W	W1	L	S
100	400	440	224	43-46	300	600	300	700	200
150	450	498	278	44-47		680	340	750	200
200	450	562	334	55-58		760	380	750	200
225	520	638	463	60-63		820	410	820	200
250	520	638	463	60-63		820	410	820	200
300	540	711	464	65-68	600	900	450	840	200
375	680	970	620	75-78		1600	800	980	300
450	850	1220	744	80-83		1700	850	1150	300



Installed S-Gate Valves

