

Dimensions (mm)

NPS	DN	L	D	C	G	O	t	Z-Ød	H	H1									
1 1/2"	40	165	38	73.2	98.5	127	15	4-Ø16	370	320									
2"	50	178	51	92.0	120.5	152	16	4-Ø19	393	335									
2 1/2"	65	190	64	104.5	139.5	178	18	4-Ø19	420	350									
3"	80	203	76	127.0	152.5	190	19	4-Ø19	525	435									
4"	100	229	102	157.0	190.5	229	24	8-Ø19	625	510									
5"	125	254	125	185.5	216.0	254	26	8-Ø22	685	550									
6"	150	267	152	216.0	241.5	279	26	8-Ø22	762	600									
8"	200	292	203	270.0	298.5	343	29	8-Ø22	990	780									

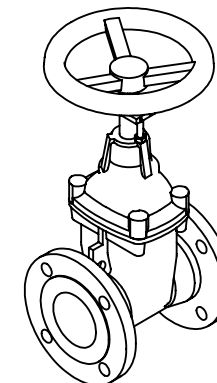
No.	PART	MATERIAL
1	Body	ASTM A351 CF8M
2	Seat Ring	ASTM A351 CF8M
3	Wedge	ASTM A361 CF8M
4	Stem	ASTM A182 F316
5	Gasket	Graphite + SS 316
6	Bonnet	ASTM A351 CF8M
7	Stud	ASTM A193 B8M
8	Nut	ASTM A194 8M
9	Backseat	ASTM A361 CF8M
10	Packring	Graphite
11	Pin	S.S
12	Gland Bolt	ASTM A193 B8M
13	Gland Nut	ASTM A194 8M
14	Bushing	S.S
15	Gland	ASTM A361 CF8M
16	Lubricator	Cu
17	Stem Nut	ZcuAl10Fe3 Bronze
18	Handwheel	ASTM A47
19	Handwheel Lock Nut	C.S + Cr
20	Retaining Nut	C.S + Cr
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Test Pressure	Shell Test	3.0 MPa
	Seal Test	2.2 MPa
	Air Test	0.6 MPa
	Suitable Temp.	-29 ~ 425 °C

Standard	Face to Face	ASME B16.10
	End Connection	ASME B16.5
	Valve Design	ASME B16.34 & API 600
	Valve Test	API 598

Drawing No.	Date	Figure No.	Rev No.
JY	May 28, 2014	SG-R-A1	002

Gate Valve , Class 150			
Unimech (Asia Pacific) Pty Ltd			

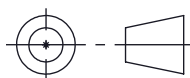


UNLESS OTHERWISE SPECIFIED: TOLERANCES: MACHINE + / - 0.25mm FABRICATION + / - 1.0 mm

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DIMENSIONS IN MILLIMETRES



THIRD ANGLE PROJECTION

WEIGHT: 26 kg

CLIENT

**RODDY ENGINEERING**

14 Waratah St TUMUT NSW 2720  
Ph: - 02 6947 4039  
Email: roddyeng.com.au

TITLE:

VALVE 2843 - 80NB GATE VALVE  
ANSI 150

DWG NO.	OEM-2843-80NB-SHL	REV	A4
DRAWN	N DE BRUYN	DATE	18/03/2024
SCALE	1:10	SHEET	1 OF 1