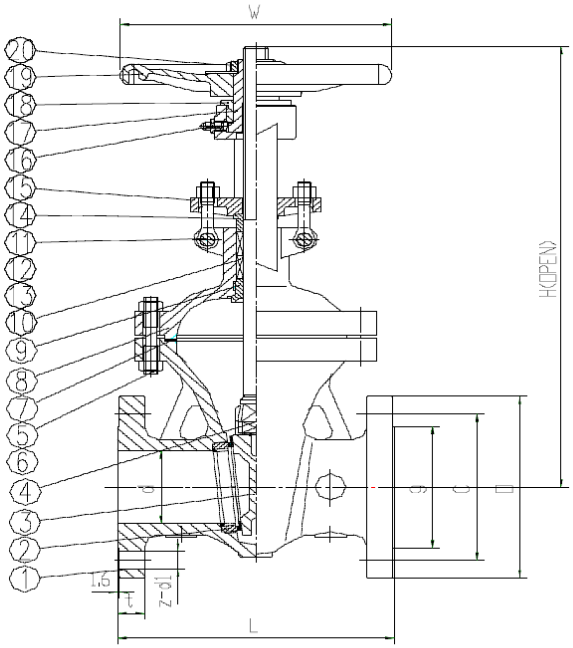
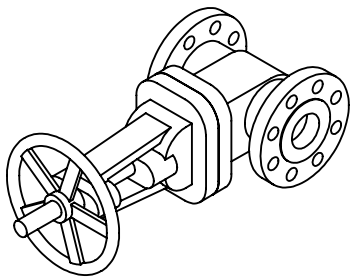
TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE: API 600 or API 6D
2. FACE TO FACE: ASME / ANSI B16.10
3. END FLANGE DIMENSIONS: ASME / ANSI B16.5
4. PRESSURE-TEMP: ASME / ANSI B16.34
5. PRESSURE TEST: API 598



NO	PART NAME	MATERIAL
1	BODY	A351 CF8M
2	SEAT RING	A182 F316 + STL
3	WEDGE	A351 CF8M
4	STEM	A182 F316
5	BONNET BOLT	A193 B8
6	BONNET NUT	A194 8
7	GASKET	SS316 + GRAPHITE
8	BONNET	A351 CF8M
9	BACK SEAT	A182 F316
10	STEM PACKING	GRAPHITE
11	PIN	45
12	GLAND EYE BOLT	A193 B8
13	GLAND NUT	A194 8
14	GLAND	A182 F316
15	GLAND FLANGE	A351 CF8M
16	OIL CUP	
17	STEM NUT	ZCuAl10Fe3
18	RETAINING NUT	AISI 1035
19	HAND WHEEL	DUCTILE IRON
20	H.W. LOCK NUT	AISI 1035



	GENERAL DIMENSIONS				FLANGE DIMENSIONS				
SIZES	d	H	W	L	O	C	g	t	Z - d1
40NB CLASS 300	38	370	200	190	156	114.5	73	21	4 - 22
50NB CLASS 300	51	420	200	216	165	127	92	23	8 - 19
80NB CLASS 300	76	538	250	283	210	168.5	127	29	8 - 22
100NB CLASS 300	102	615	300	305	254	200	157	32	8 - 22
125NB CLASS 300	127	705	300	381	279	235	186	35	8 - 22
150NB CLASS 300	152	810	350	403	318	270	216	37	12 - 22
200NB CLASS 300	203	1005	450	419	381	330	270	42	12 - 25

REV A	**JOHN VALVES**	
DATE	MAY 2005	**7030ASS**
SCALE	TO FIT	
	316SS GATE VALVE OS&Y CLASS 300 RF	

MATERIAL:- 316 STAINLESS STEEL

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

DIMENSIONS IN MILLIMETRES

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Mechanical Engineering & CAD Services
11 Campbell Place WAGGA NSW 2650
Ph: - 0409 985 816
Email: nick@mecservices.com.au

THIRD ANGLE PROJECTION

WEIGHT: 30 kg

CLIENT

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

TITLE: 50NB VALVE 2906

DWG NO. OEM-2906-SHL		REV	A4
DRAWN N DE BRUYN	DATE 17/05/2024	SCALE:1:10	SHEET 1 OF 1