



STEAMCO®

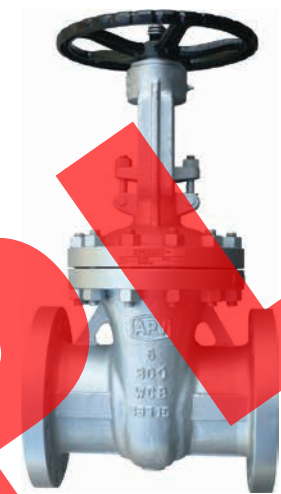
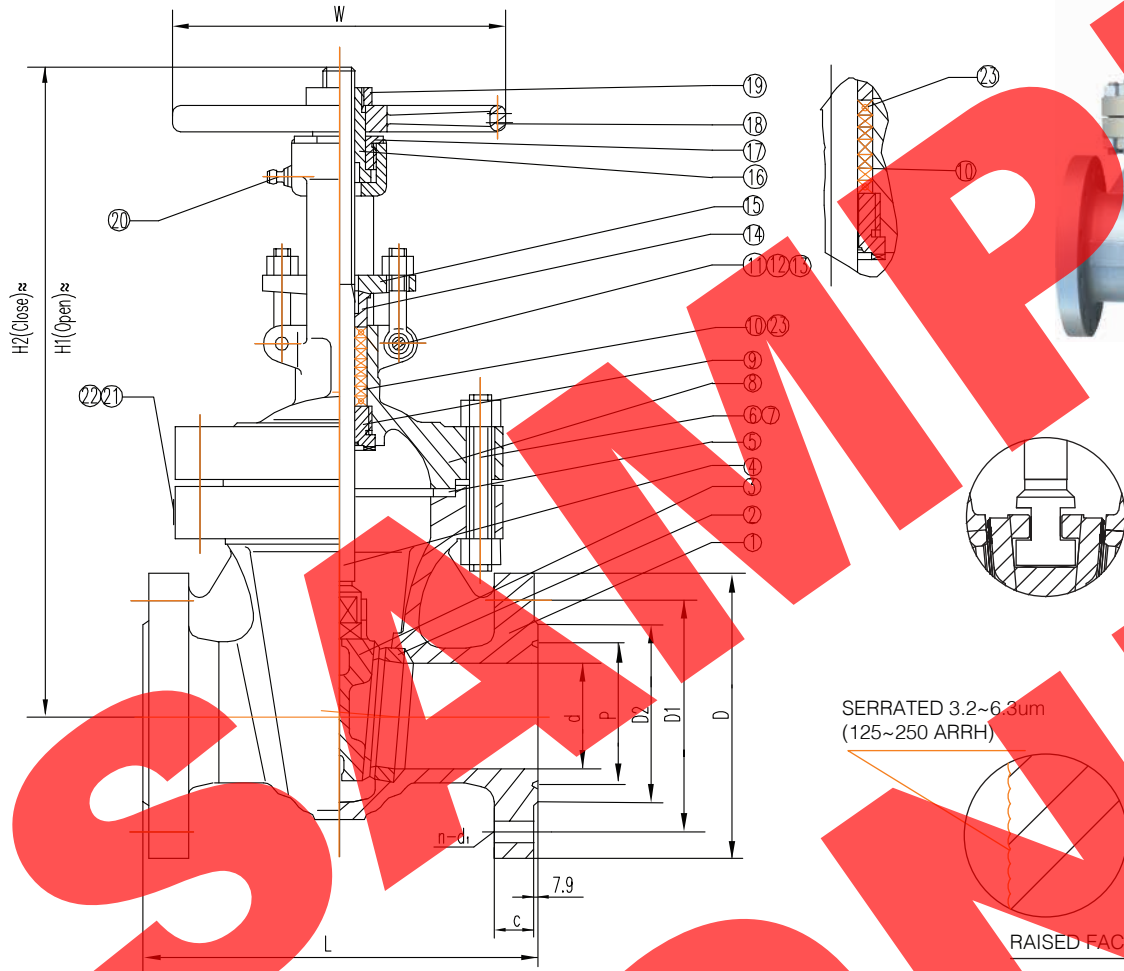


API622 & ISO 15848-1
Endurance Test Certified

AUSTRALIAN PIPELINE VALVE®
www.australianpipelinevalve.com.au

BILL OF MATERIALS

NO.	PART NAME	MATERIAL	NOTES
1	BODY	ASTM A216 WCB	-
2	SEAT RING	ASTM A105+ST#6	-
3	WEDGE	ASTM A216 WCB+ST#12	-
4	STEM	ASTM 17-4PH	-
5	GASKET	316 JACKETED GRAPHITE	ENCAPSULATED
6	STUD	ASTM A193 B7	-
7	NUT	ASTM A194 2H	-
8	BONNET	ASTM A216 WCB	-
9	BACK SEAT	HARDFACE STL#6	-
10	PACKING LOWER	FLEXIBLE GRAPHITE	-
11	PIN	C.S.	-
12	EYEBOLT	ASTM A193 B7	-
13	NUT	ASTM A194 2H	-
14	GLAND	ASTM A276 420	-
15	GLAND FLANGE	ASTM A216 WCB	-
16	STEM NUT	ALUMINIUM BRONZE	-
17	NUT	C.S.	-
18	HANDWHEEL	MALLEABLE IRON	-
19	RETAINING NUT	C.S.	-
20	LUBRICATOR	ASSEMBLY	-
21	NAMEPLATE	304SS	-
22	RIVET	BRONZE	-
23	PACKING UPPER	BRAIDED GRAPHITE	(1)



RATING	CL 600	TEST PRESSURE	
DESIGN & MFG.	API 600 & ASME B16.34	SHELL HYDRO	SEAT HYDRO
PRESS-TEMP RATING	ASME B16.34	15.4 Mpa 2225 Psi	11.5 Mpa 1650 Psi
FACE TO FACE DIM.	ASME B16.10	SEAT AIR	BACKSEAT
END CONNECTION	ASME B16.5	0.55 Mpa 80 Psi	5.7 Mpa 825 Psi
END DIMENSION	RFSF 3.2-6.3Ra	TEMPERATURE	
TEST & INSPECTION	API 598	-29 TO 425 °C	-20 TO 797 °F
MARKING	NACE MR-0175	MEDIUM	Steam
OTHER REQ.	PAINT PPWF07.002 (SILVER)		
PORT SIZE	FULL PORT		
TRIM	API #5 + 17-4PH STEM		
NOTES	INVESTMENT CAST		
OTHER	FLEXIBLE WEDGE		

DIMENSIONS (MM) & WEIGHT (KG)

Inch	DN	L	D	D1	D2	d	c	n-d1	W	H2	H1	P	Weight
3"	80	359	210	168	146	79.38	32	8-ø22	300	460	550	123.7	60

Dimensions in millimeters

Gate Valve Geothermal Trim Model AP33-XGE, 3 3/8" Bore, Class 600, Handwheel Operated, Investment Cast Australian Pipeline Valve	ORDER N°/ DWG N°	XXXXXX-99	APPROVED	B.T.
	REV.	00	CHECKED	S.Q.
			DRAWN	C.C.

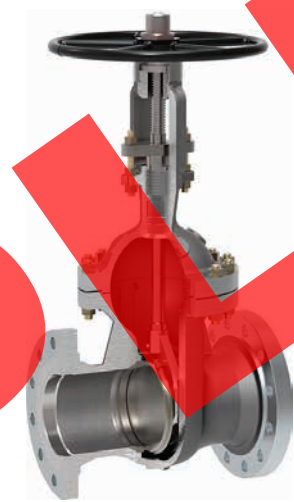
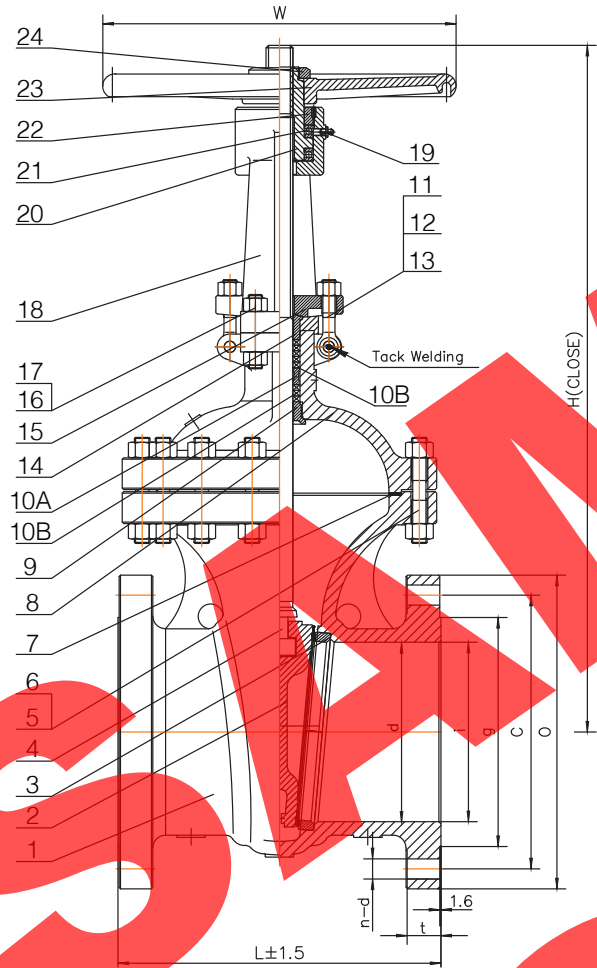


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BILL OF MATERIALS			
NO.	PART NAME	MATERIAL	NOTES
1	BODY	ASTM A216 WCB	-
2	DISC	ASTM A216 WCB+STL#12	-
3	SEAT	ASTM A105+STL#6	-
4	STEM	ASTM 17-4PH	-
5	BONNET BOLT	ASTM A193 B7	-
6	BONNET NUT	ASTM A194 2H	-
7	GASKET	SS316+GRAPHITE	SPIRAL WOUND
8	BONNET	ASTM A216 WCB	-
9	BACK SEAT	HARD FACE STL#6	-
10	PACKING LOWER	FLEXIBLE GRP	(1)
10A	SPACER RING	AISI 316SS	LANTERN RING
10B	PACKING UPPER	BRAIDED GRAPHITE	(1)
11	PIN	CARBON STEEL	-
12	GLAND BOLT	ASTM A193 B7	-
13	GLAND NUT	ASTM A194 2H	-
14	GLAND	ASTM A276 420SS	-
15	YOKE FLANGE	ASTM A216 WCB	-
19	GREASE NIPPLE	BRASS+ZP	-
20	STEM NUT	ALUMINIUM BRONZE	-
21	THRUST BEARING	ALLOY SS	-
22	GLAND NUT	AISI 1035	-
23	HANDWHEEL	MALLEABLE IRON	ZINC PLATED
24	LOCKING NUT	CS	ZINC PLATED

(1) CHESTERTON #1601 OR EQUIVALENT

RATING	CL 300	TEST PRESSURE	
DESIGN & MFG.	API 600 & ASME B16.34	SHELL HYDRO	SEAT HYDRO
PRESS-TEMP RATING	ASME B16.34	7.7 Mpa 2225 Psi	5.7 Mpa 1650 Psi
FACE TO FACE DIM.	ASME B16.10	SEAT AIR	BACKSEAT
END CONNECTION	ASME B16.5	0.55 Mpa 80 Psi	5.7 Mpa 825 Psi
END DIMENSION	RFSF 3.2~6.3Ra	TEMPERATURE	
TEST & INSPECTION	API 598	-29 TO 425 °C	-20 TO 797 °F
MARKING	NACE MR-0175	MEDIUM	Steam
OTHER REQ.	PAINT PPWF07.002 (SILVER)		
PORT SIZE	FULL PORT		
TRIM	API #5 + 17-4PH STEM		
NOTES	INVESTMENT CAST		
OTHER	FLEXIBLE WEDGE		

DIMENSIONS (MM) & WEIGHT (KG)

Inch	DN	d	L	i	O	C	g	t	n-d	H	W	Weight
10"	250	254	457	254	445	387.4	323.8	48.1	16.29	967	450	337

Dimensions in millimeters

Gate Valve Geothermal Trim Model AP33-XGE, 10" Bore Class 300, Handwheel Operated, Investment Cast Australian Pipeline Valve	ORDER N°/ DWG N°	XXXXXX-99	APPROVED	B.T.
	REV.	00	CHECKED	S.Q.
			DRAWN	C.C.

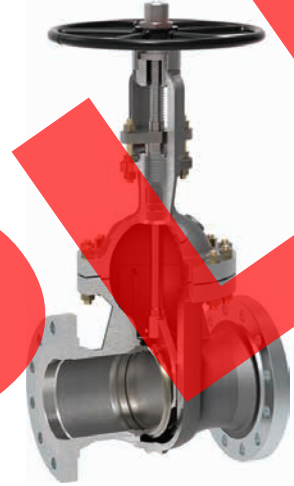
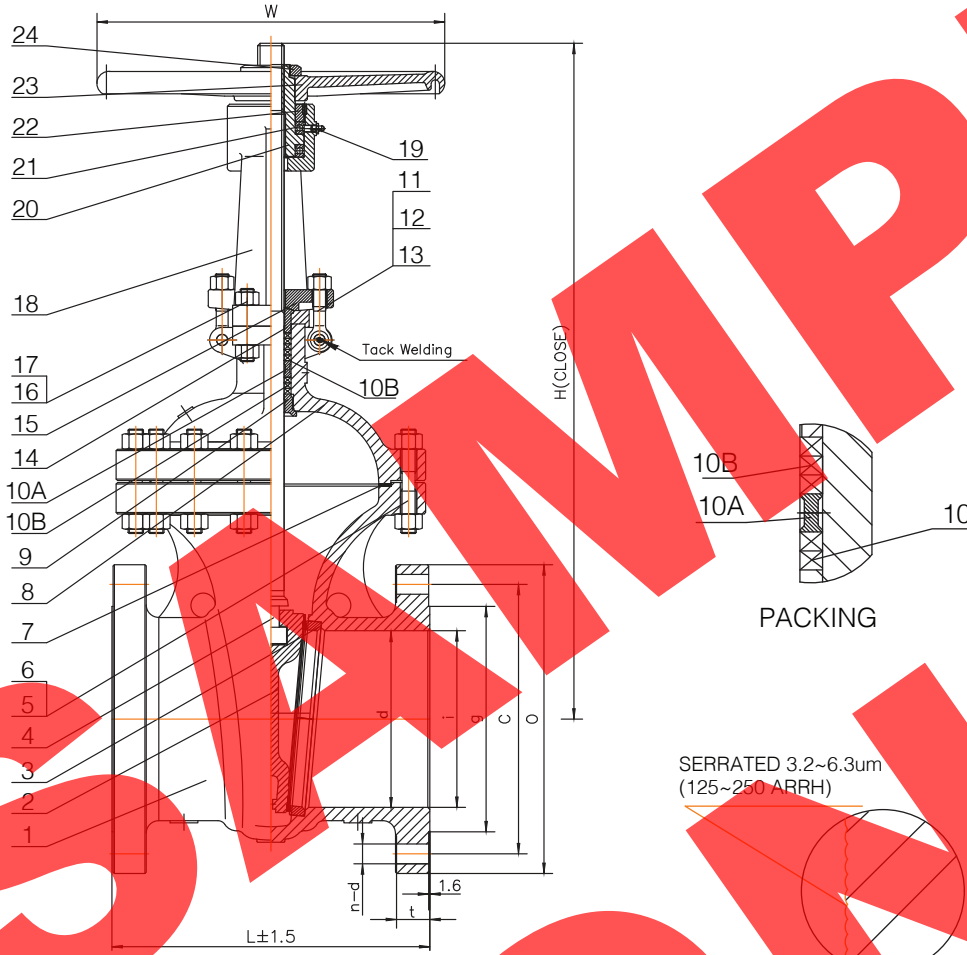


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BILL OF MATERIALS

NO.	PART NAME	MATERIAL	NOTES
1	BODY	ASTM A216 WCB	-
2	DISC	ASTM A216 WCB+STL#12	-
3	SEAT	ASTM A105+STL#6	-
4	STEM	ASTM 17-4PH	-
5	BONNET BOLT	ASTM A193 B7	-
6	BONNET NUT	ASTM A194 2H	-
7	GASKET	SS316+GRAPHITE	SPIRAL WOUND
8	BONNET	ASTM A216 WCB	-
9	BACK SEAT	HARD FACE STL#6	-
10	PACKING LOWER	FLEXIBLE GRP	(1)
10A	SPACER RING	AISI 316SS	LANTERN RING
10B	PACKING UPPER	BRAIDED GRAPHITE	(1)
11	PIN	CARBON STEEL	-
12	GLAND BOLT	ASTM A193 B7	-
13	GLAND NUT	ASTM A194 2H	-
14	GLAND	ASTM A276 420SS	-
15	YOKE FLANGE	ASTM A216 WCB	-
19	GREASE NIPPLE	BRASS	-
20	STEM NUT	ALUMINIUM BRONZE	-
21	THRUST BEARING	ALLOY SS	-
22	GLAND NUT	AISI 1035	-
23	HANDWHEEL	MALLEABLE IRON	ZINC PLATED
24	LOCKING NUT	CS	ZINC PLATED

(1) CHESTERTON #1601 OR EQUIVALENT

DIMENSIONS (MM) & WEIGHT (KG)

Inch	DN	d	L	i	O	C	g	t	n-d	H	W	Weight
12"	300	314.3	507	314.3	521	450.8	381.0	51.3	16.32	1124	500	580

Dimensions in millimeters

RATING	CL 300	TEST PRESSURE	
DESIGN & MFG.	API 600 & ASME B16.34	SHELL HYDRO	SEAT HYDRO
PRESS-TEMP RATING	ASME B16.34	10.3 Mpa 1494 Psi	7.5 Mpa 1088 Psi
FACE TO FACE DIM.	ASME B16.10	SEAT AIR	BACKSEAT
END CONNECTION	ASME B16.5	0.55 Mpa 80 Psi	5.7 Mpa 825 Psi
END DIMENSION	RFSF 3.2~6.3Ra	TEMPERATURE	
TEST & INSPECTION	API 598	-29 TO 425 °C	-20 TO 797 °F
MARKING	NACE MR-0175	MEDIUM	Steam
OTHER REQ.	PAINT PPWF07.002 (SILVER)		
PORT SIZE	12 3/8" BORE		
TRIM	API #5 + 17-4PH STEM		
NOTES	INVESTMENT CAST		
OTHER	FLEXIBLE WEDGE		

Gate Valve Geothermal Trim Model AP33-XGE, RF 12 3/8" Bore Class 300, Handwheel Operated, Investment Cast	ORDER N°/ DWG N°	XXXXXX-99	APPROVED	B.T.
	REV.	00	CHECKED	S.Q.
	Australian Pipeline Valve		DRAWN	C.C.