



BILL OF MATERIALS

NO.	PARTS NAME	MATERIAL	NO.	PARTS NAME	MATERIAL
1	BODY	ASTM A216 GR.WCB	12	GLAND	ASTM A276 TYPE 410
2	SEAT RING	ASTM A105N+STL#6	13	GLAND FLANGE	ASTM A216 GR.WCB
3	WEDGE	ASTM A216 GR.WCB+13CR	14	STEM NUT	ASTM A439 GR.D-2
4	STEM	ASTM A182 GR F6A	15	HANDWHEEL NUT	ASTM A29 TYPE 1025
5	GASKET	SPW SS304+GRAPHITE	16	HANDWHEEL	DUCTILE IRON
6	BONNET	ASTM A216 GR.WCB	17	EYE BOLT	ASTM A193 GR.B7M
7	STUD	ASTM A193 GR.B7M+ZN	18	EYE NUT	ASTM A194 GR.2HM+ZN
8	NUT	ASTM A194 GR.2HM+ZN	19	PIN	ASTM A29 TYPE 1025
9	BACK SEAT	ASTM A276 TYPE 410	20	NAMEPLATE	SS304
10	SPACER RING	ASTM A276 TYPE 410	21	RIVET	SS304
11	PACKING	LOW EMISSION GRAPHITE	22		

DESIGN STANDARDS

PRESSURE RATING	ANSI/ASME CLASS 300	VALVE TYPE	GATE VALVE
DESIGN	API 602	PRESSURE/TEMPERATURE RATING	ASME B16.34
FACE TO FACE DIMENSION	ASME B16.10	TEST & INSPECTION	API 598 WITH API 6D DURATION
MARKING	MSS SP-25	END CONNECTION	ANSI/ASME B16.5-RF, SF 3.2-6.3Ra
DIM. OF FLANGE	ANSI/ASME B16.5	WALL THICKNESS	API 600/ ASME B16.34
CERTIFICATION	EN10204, TYPE 3.1	NACE	MR 01-75 (Internal Wetted parts) & MR 01-03

PAINT

[Blast] → **[Primer]** → **[Intermediate 1]** → **[Intermediate 2]** → **[Topcoat]**
 SA 2.5 Interzinc 52 (50 µm) Intergard 475HS MIO (100 µm) Intergard 475HS MIO (100 µm) Interthane 990 (50 µm)

► **FINAL COLOR:** RAL 9003 WHITE, MATT FINISH
 ► **Total Minimum DFT:** 300 µm

DESCRIPTION

50MM TO 350MM CLASS 300# ASTM A216 WCB CAST STEEL GATE VALVE OS & Y BB 13% CR STELLITE 6 FACED SEAT (API TRIM #8) GRAPHOIL PACKING ASTM A193 B7/A194 2H STUDS & NUTS FLANGED RAISED FACE HANDWHEEL OPERATED MANUFACTURED AS PER API 600 FLANGING AS PER ASME B16.5 FACE TO FACE TO ANSI B16.10 TEST AS PER API 598 WITH API 6D DURATION NACE MR-01-75

SIZE	φd	φR	φT	φO	n-φd1	C	L	H	W	WT (KG)	PRODUCT CODE
2"	51	91.9	127	165	8-Ø19	22.1	216	332	200	30	GABC3008RN6D050
2.5"	64	104.6	149.4	190	8-Ø22	25.4	241	374	200	42	GABC3008RN6D065
3"	76	127	168.1	210	8-Ø22	28.4	282	384	250	55	GABC3008RN6D080
4"	102	157.2	200.2	254	8-Ø22	31.7	305	455	250	83	GABC3008RN6D100
5"	127	185.7	235	279	8-Ø22	34.8	381	564	300	110	GABC3008RN6D125
6"	152	215.9	269.7	318	12-Ø22	36.6	403	613	350	140	GABC3008RN6D150
8"	203	269.7	330.2	381	12-Ø26	41.1	419	770	400	240	GABC3008RN6D200
10"	254	323.8	387.4	444	16-Ø29	47.5	457	908	450	330	GABC3008RN6D250
12"	305	381	450.8	521	16-Ø32	50.8	502	1070	500	590	GABC3008RN6D300
14"	337	412.8	514.4	584	20-Ø32	53.8	762	1180	600	750	GABC3008RN6D350