



BILL OF MATERIALS

NO.	PARTS NAME	MATERIAL	QTY	NO.	PARTS NAME	MATERIAL	QTY
1	NUT	CARBON STEEL	1	9	PACKING GLAND	ASTM A479 TP316/316L	1
2	NAMEPLATE	ALUMINIUM	1	10	PACKING	GRAPHITE C8200	1
3	HANDWHEEL	ASTM A105N	1	11	BOLTS	ASTM A193 B7M	4
4	YOKE SLEEVE	AISI416	1	12	GASKET	F316+GRAPHITE	1
5	BONNET	ASTM A105N	1	13	STEM	ASTM A479 TP410	1
6	GLAND NUT	ASTM A194 GR.2HM	4	14	WEDGE	ASTM A182 F6A CL. 2	1
7	GLAND STUD	ASTM A193 B7M	2	15	SEAT	ASTM A479 TP410 + ST.6	2
8	GLAND FLANGE	ASTM A105N	1	16	BODY	ASTM A105N	1

DESIGN STANDARDS

PRESSURE RATING	ANSI/ASME CLASS 300	VALVE TYPE	GATE VALVE
DESIGN	API 602	CONSTRUCTION	OS&Y, BB, RB, FL
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

15MM TO 40MM CLASS 300 ASTM A105 FORGED STEEL GATE VALVE FLANGED ANSI 300 RF STANDARD BORE BOLTED BONNET RISING STEM OUTSIDE SCREW AND YOKE SOLID WEDGE API TRIM 8 13% CR HALF STELLITE GRAPHITE PACKING A193 B7M/A194 2HM STUDS AND NUTS DESIGN TO API 602 & B16.34 FLANGING AS PER ASME B16.5 FACE TO FACE TO ANSI B16.10 TESTING TO API 598 WITH API 6D DURATION NACE TO MR 0175

SIZE	A	B (CLOSED)	C	Φ	WT(KG)	PRODUCT CODE
1/2"	140	159 (CLOSED) RUN = 14	80	10	3.8	GABF3008RN6D015
3/4"	152.5	163 (CLOSED) RUN = 18	80	14	5.5	GABF3008RN6D020
1"	165	182 (CLOSED) RUN = 24.5	100	18	7.3	GABF3008RN6D025
1 1/2"	191	229 (CLOSED) RUN = 36	140	30	13.9	GABF3008RN6D040