



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 TP316/316L	1
6	GLAND NUT	ASTM A194 GR.2HM	4	14	WEDGE	ASTM A182 F316/F316L +ST.6	1
7	GLAND STUD	ASTM A193 B7M	2	15	SEAT	ASTM A479 TP316/316L +ST.6	2
8	GLAND FLANGE	ASTM A105N	1	16	BODY	ASTM A105N	1

DESIGN STANDARDS

PRESSURE RATING	ANSI/ASME CLASS 600	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

SIZE	A	B (CLOSED)	C	Φ	WT(Kg)	Product Code
1/2"	165	159 (Closed) Run = 14	80	10	4.1	GABF6016RN6D015
3/4"	190.5	138 (Closed) Run = 18	80	14	5.2	GABF6016RN6D020
1"	216	163 (Closed) Run = 24.5	100	18	7.6	GABF6016RN6D025
1 1/2"	241.5	214 (Closed) Run = 36	140	29.5	14.6	GABF6016RN6D040
2"	292	230 (Closed) Run = 44	170	36.5	18.8	GABF6016RN6D050

DESCRIPTION

15MM TO 50MM CLASS 600 GATE VALVE ASTM A105 FORGED STEEL OSY BB RF FLANGED STANDARD BORE SOLID WEDGE RISING STEM API TRIM 16 F316 SS FULL STELLITE GRAPHITE PACKING A193 B7M A194 2HM FASTENERS API 602 DESIGN ASME B16.5 FLANGES ANSI B16.10 F2F API 598 TESTED API 6D DURATION NACE MR 0175 INHERENTLY FIRESAFE.