



### 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	GTJ+TE.GRAPHITE	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 +ST.6	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

<b>PRESSURE RATING</b>	ANSI/ASME CLASS 800	<b>VALVE TYPE</b>	GATE VALVE
<b>DESIGN</b>	API 602 AND B16.34	<b>CONSTRUCTION</b>	OS&Y, BB, RB, NPT (B1.20.1)
<b>FACE TO FACE DIMENSION</b>	ASME B16.10	<b>TEST &amp; INSPECTION</b>	API 598 WITH API 6D DURATION
<b>MARKING</b>	MSS SP-25	<b>WALL THICKNESS</b>	API 600/ ASME B16.34
<b>CERTIFICATION</b>	EN10204, TYPE 3.1	<b>NACE</b>	MR 01-75 (Internal Wetted parts) & MR 01-03.

SIZE	A	B (CLOSED)	C	Φ	WT(KG)	PRODUCT CODE
1/2"	80	131 (CLOSED) RUN = 14	80	10	1.82	GABF8005NN6D015
3/4"	90	136.5 (CLOSED) RUN = 18	80	14	2.1	GABF8005NN6D020
1"	110	161 (CLOSED) RUN = 24.5	100	18	3.4	GABF8005NN6D025
1 1/2"	127	210 (CLOSED) RUN = 36	140	29.5	6.35	GABF8005NN6D040
2"	130	210 (CLOSED) RUN = 44	140	36.5	8.3	GABF8005NN6D050

### DESCRIPTION

15MM TO 50MM CLASS 800 GATE VALVE ASTM A105 FORGED STEEL OSY BB STANDARD BORE SOLID WEDGE RISING STEM API TRIM 5 13 PERCENT CR FULL STELLITE GRAPHITE PACKING A193 B7M A194 2HM FASTENERS SCREWED NPT FEMALE ENDS ASME B1.20.1 API 602 DESIGN ASME B16.34 FACE TO FACE MANUFACTURER STANDARD API 598 TESTED API 6D DURATION NACE MR 01-75 & MR 01-03 INHERENTLY FIRESAFE...

	DWG No	GABF8005NN6D015-50	CHECKED		DATE: 09-12-2025
	REV.	00	APPROVED		DATE: 10-12-2025