



5 in. Bronze Gate Valve. Class 150 Rating, Flanged Connection, Monel Trim, Outside Stem & Yoke (OSY). Pima Valve B102E

<u>Item No.</u>	M101033	<u>Weight (lb)</u>	131
<u>Brand</u>	Pima Valve	<u>UOM</u>	EA
<u>Mfg Part Number</u>	B102E		

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Specifications

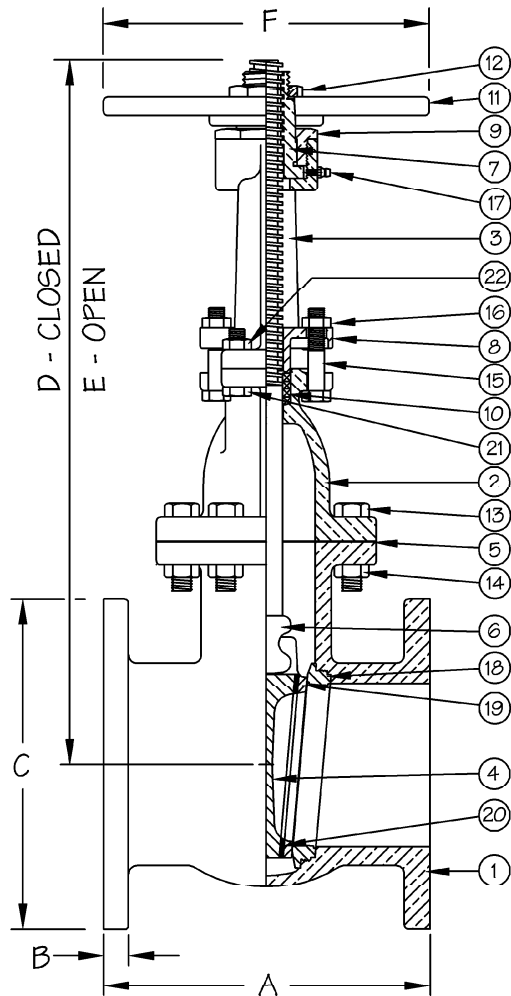
Type	Gate Valve
Item Remarks	Outside Stem & Yoke (OSY)
Size	5 in.
Material	Bronze, Brass, Al-Brz
Material Grade	Bronze
Trim	Monel
Pressure Class	Class 150
Connection	Flanged
Operator	Handwheel
End-to-End	10
Specification	ANSI B16.5
Compare to	052104.650,B102E-5 in.,1306-5 in.
Market	Commercial

Product URL: <https://torksystems.com/M101033>

BRONZE GATE

150 PSI, 5" - 24"
FLANGED END, B.B., OS&Y
MONEL TRIM

FIGURE NO. B102E



DIMENSIONS

SIZE	5	6	8	10	12	14	16	18	20	24
A	10	10 $\frac{1}{2}$	11 $\frac{1}{2}$	13	14	15	16	17	18	20
B	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{15}{16}$	1	1 $\frac{1}{16}$	1 $\frac{3}{16}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{7}{16}$	1 $\frac{5}{8}$
C	10	11	13 $\frac{1}{2}$	16	19	21	23 $\frac{1}{2}$	25	27 $\frac{1}{2}$	32
D	22 $\frac{5}{8}$	24 $\frac{1}{8}$	30 $\frac{3}{8}$	36 $\frac{15}{16}$	43 $\frac{5}{8}$	45 $\frac{3}{4}$	52 $\frac{7}{8}$	61 $\frac{1}{2}$	68 $\frac{1}{4}$	74 $\frac{7}{8}$
E	28 $\frac{3}{8}$	30 $\frac{1}{2}$	39 $\frac{1}{16}$	47 $\frac{1}{4}$	55 $\frac{7}{8}$	59 $\frac{1}{2}$	69 $\frac{3}{8}$	80	89 $\frac{1}{2}$	98 $\frac{7}{8}$
F	10	10	12	16	16	21	24	24	24	24
WT	131	163	282	445	706	1085	1143	1420	2010	2633

BILL OF MATERIALS

	PART	MATERIAL	SPEC.
1	BODY	BRONZE	ASTM B61 or B62
2	BONNET	BRONZE	ASTM B61 or B62
3	YOKE	BRONZE	ASTM B61 or B62
4	WEDGE *	BRONZE	ASTM B61 or B62
5	BONNET GASKET	SYNTHETIC RUBBER	MIL-PRF-1149, CL. 2
6	STEM	NI-CU ALLOY	QQ-N-281
7	OPERATING NUT	MANGANESE BRONZE	ASTM B584, ALLOY B6500
8	PACKING GLAND	BRONZE	ASTM B61 or B62
9	RETAINER NUT	BRONZE	ASTM B61 or B62
10	STEM PACKING	SYNTHETIC TEFLON	COMMERCIAL
11	HANDWHEEL	ALUMINUM	COMMERCIAL
12	WHEELNUT	F.C. BRASS	ASTM B16
13	BONNET BOLT	SILICON BRONZE	ASTM B98
14	BONNET NUT	SILICON BRONZE	ASTM B98
15	GLAND BOLT	SILICON BRONZE	ASTM B98
16	GLAND NUT	SILICON BRONZE	ASTM B98
17	GREASE FITTING	STEEL	MIL-F-3541
18	SEAT RING	NI-CU ALLOY	ASTM A494, GR. M30H
19	WEDGE RING	NI-CU ALLOY	QQ-N-288
20	SILVER SOLDER	SILVER SOLDER	MIL-S-15395
21	YOKE BOLT	PLATED STEEL	ASTM A307, GR. A
22	YOKE NUT	PLATED STEEL	ASTM A563, GR. A
32	SOLID MONEL WEDGE	NI-CU ALLOY	ASTM A494, GR. M30C
33	WEDGE ASSEMBLY	PCS 4, 19 & 20	SEE INDIVIDUAL PIECES

*WHEN FURNISHED AS SOLID MONEL USE PART NO. 32.

