



14 in. Bronze Swing Check Valve. Class 150 Rating, Flanged Connection, Monel Trim. Pima Valve B1620E

<u>Item No.</u>	M101893	<u>Weight (lb)</u>	809
<u>Brand</u>	Pima Valve	<u>UOM</u>	EA
<u>Mfg Part Number</u>	B1620E		

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Specifications

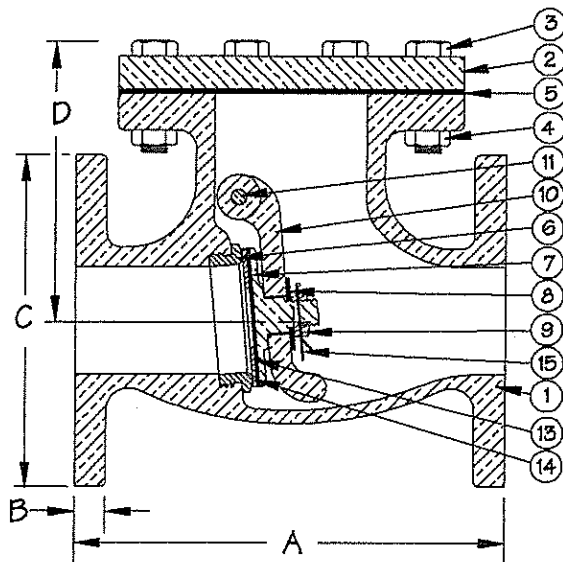
Type	Swing Check Valve
Size	14 in.
Material	Bronze, Brass, Al-Brz
Material Grade	Bronze
Trim	Monel
Pressure Class	Class 150
Connection	Flanged
Operator	Handwheel
End-to-End	31
Specification	ANSI B16.5
Compare to	052504.880
Market	Commercial

Product URL: <https://torksystems.com/M101893>

BRONZE CHECK

150 PSI, 1" - 14"
FLANGED END, B.B., MONEL TRIM
SWING CHECK

FIGURE NO. B1620E



BILL OF MATERIALS

	PART	MATERIAL	SPEC.
1	BODY	BRONZE	ASTM B61 or B62
2	BONNET	BRONZE	ASTM B61 or B62
3	BONNET BOLT	SILICON BRONZE	ASTM B98
4	BONNET NUT	SILICON BRONZE	ASTM B98
5	BONNET GASKET	SYNTHETIC RUBBER	MIL-G-1149, CL. 2
6	SEAT RING	NI-CU ALLOY	ASTM A494, GR. M30H
7	DISC*	BRONZE	ASTM B61 or B62
8	WASHER**	BRONZE	ASTM B61
9	DISC NUT***	SILICON BRONZE/NI-CU ALLOY	ASTM B98/QQ-N-281, CL. A or B
10	HINGE	BRONZE	ASTM B61 or B62
11	HINGE PIN	NI-CU ALLOY	QQ-N-281, CL. A
12	HINGE PIN PLUG (N.S.)	F.C. BRASS	ASTM B16
13	SILVER SOLDER	SILVER SOLDER	MIL-S-15395
14	INSERT	NI-CU ALLOY	QQ-N-288
15	COTTER PIN****	NI-CU ALLOY	COMMERCIAL
32	SOLID MONEL DISC	NI-CU ALLOY	ASTM A494, GR. M30C
33	DISC ASSEMBLY	PCS 7, 13 & 14	SEE INDIVIDUAL PIECES

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

**WASHER USED IN 3-1/2" AND ABOVE.

***NI-CU ALLOY DISC NUT USED IN 1" - 3".

***SILICON BRONZE DISC NUT USED IN 3-1/2" - 14".

****COTTER PIN USED IN 2-1/2" AND ABOVE.

DIMENSIONS

SIZE	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	6	8	10	12	14
A	$5\frac{7}{8}$	6	6	8	$8\frac{1}{4}$	$9\frac{1}{2}$	$10\frac{1}{2}$	$11\frac{1}{4}$	13	14	$19\frac{1}{2}$	$24\frac{1}{2}$	$27\frac{1}{2}$	31
B	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{15}{16}$	1	$1\frac{1}{16}$	$1\frac{3}{16}$
C	$4\frac{1}{4}$	$4\frac{5}{8}$	5	6	7	$7\frac{1}{2}$	$8\frac{1}{2}$	9	10	11	$13\frac{1}{2}$	16	19	21
D	$4\frac{5}{16}$	$4\frac{5}{16}$	$4\frac{5}{16}$	$4\frac{5}{32}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$7\frac{5}{16}$	$6\frac{7}{8}$	$7\frac{9}{16}$	$9\frac{1}{4}$	$11\frac{3}{4}$	$13\frac{5}{8}$	$11\frac{9}{16}$	$15\frac{1}{4}$
VT	12	14	14	24	39	49	58	78	107	161	284	436	667	809



PIMA VALVE, INC.
2003