



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

<u>Item No.</u>	M101853	<u>Weight (lb)</u>	24
<u>Brand</u>	Pima Valve	<u>UOM</u>	EA
<u>Mfg Part Number</u>	B1620E		

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Specifications

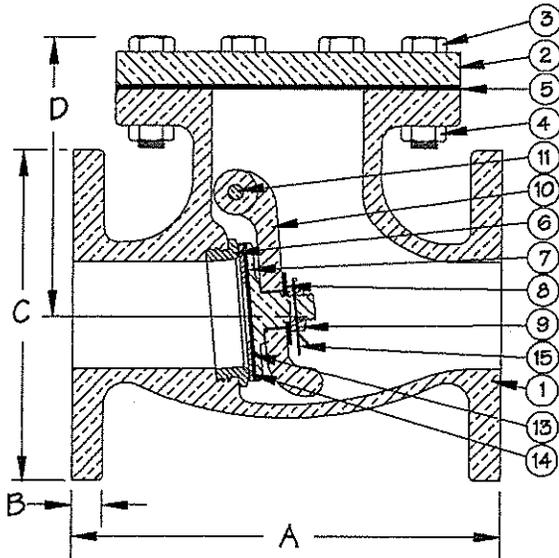
Type	Swing Check Valve
Size	2 in.
Material	Bronze, Brass, Al-Brz
Material Grade	Bronze
Trim	Monel
Pressure Class	Class 150
Connection	Flanged
Operator	Handwheel
End-to-End	8
Specification	ANSI B16.5
Compare to	052504.400
Market	Commercial

Product URL: <https://torksystems.com/M101853>

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

