



**14 in. Bronze Angle Valve. Class 150 Rating, Flanged Connection, Monel Trim. Pima Valve B142E**

<u>Item No.</u>	M101612	<u>UOM</u>	EA
<u>Brand</u>	Pima Valve		
<u>Mfg Part Number</u>	B142E		

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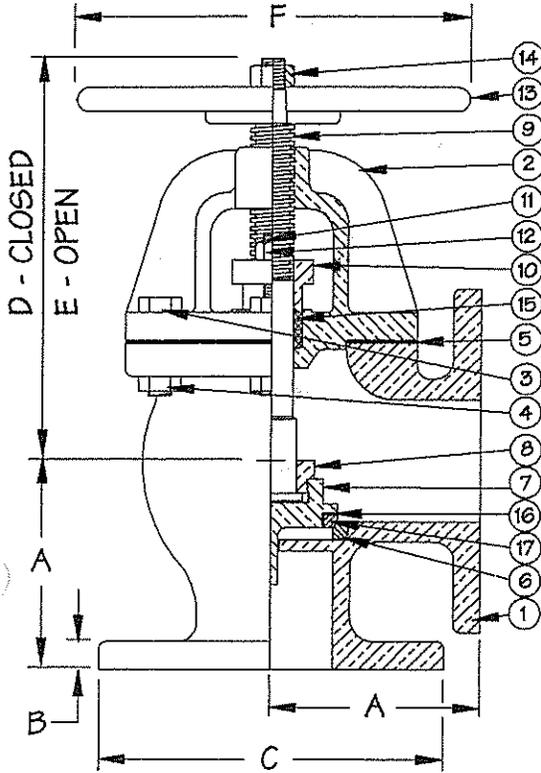
**Specifications**

Type	Angle Valve
Size	14 in.
Material	Bronze, Brass, Al-Brz
Material Grade	Bronze
Trim	Monel
Pressure Class	Class 150
Connection	Flanged
Operator	Handwheel
Specification	ANSI B16.5
Market	Commercial

Product URL: <https://torksystems.com/M101612>

# BRONZE ANGLE

150 PSI, 1" - 14"  
 FLANGED END, B.B., MONEL TRIM  
 ANGLE STOP  
**FIGURE NO. B142E**



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	DISC NUT	F.C. BRASS ASTM B16
9	STEM	NI-CU ALLOY QQ-N-281, CL. A
10	PACKING GLAND	BRONZE ASTM B61 or B62
11	GLAND STUD	SILICON BRONZE ASTM B98
12	GLAND NUT	SILICON BRONZE ASTM B98
13	HANDWHEEL	ALUMINUM 803-1385620
14	WHEELNUT	SILICON BRONZE ASTM B98
15	STEM PACKING	SYNTHETIC TEFLON COMMERCIAL
16	SILVER SOLDER	SILVER SOLDER MIL-S-15395
17	INSERT	NI-CU ALLOY QQ-N-288, COMP. A
32	SOLID MONEL DISC	NI-CU ALLOY ASTM A494, GR. M30C
33	DISC ASSEMBLY	PCS 7, 16 & 17 SEE INDIVIDUAL PIECES

\*WHEN FURNISHED AS SOLID MONEL USE PART NO. 32.  
 CAN BE FURNISHED AS STOP-CHECK, FIGURE NO. B142IE (PG.46)

## 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	3 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>4</sub>	7	9 <sup>3</sup> / <sub>4</sub>	11	13 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>
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 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
C	4 <sup>1</sup> / <sub>4</sub>	4 <sup>5</sup> / <sub>8</sub>	5	6	7	7 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	9	10	11	13 <sup>1</sup> / <sub>2</sub>	16	19	21
D	6 <sup>9</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	9 <sup>9</sup> / <sub>16</sub>	10 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>8</sub>	11 <sup>7</sup> / <sub>8</sub>	12 <sup>7</sup> / <sub>8</sub>	15	22 <sup>1</sup> / <sub>2</sub>	22 <sup>5</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>8</sub>
E	6 <sup>15</sup> / <sub>16</sub>	6 <sup>15</sup> / <sub>16</sub>	6 <sup>15</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	11	12 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>2</sub>	24 <sup>1</sup> / <sub>2</sub>	24 <sup>13</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>8</sub>	27 <sup>7</sup> / <sub>8</sub>
F	6	6	6	6	8	8	9	9	12	14	14	18	24	24
VT	14	14	16	23	36	47	68	74	117	141	328	504	696	912

