



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

<u>Item No.</u>	M101616	<u>UOM</u>	EA
<u>Brand</u>	Pima Valve		
<u>Mfg Part Number</u>	B142E		

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Specifications

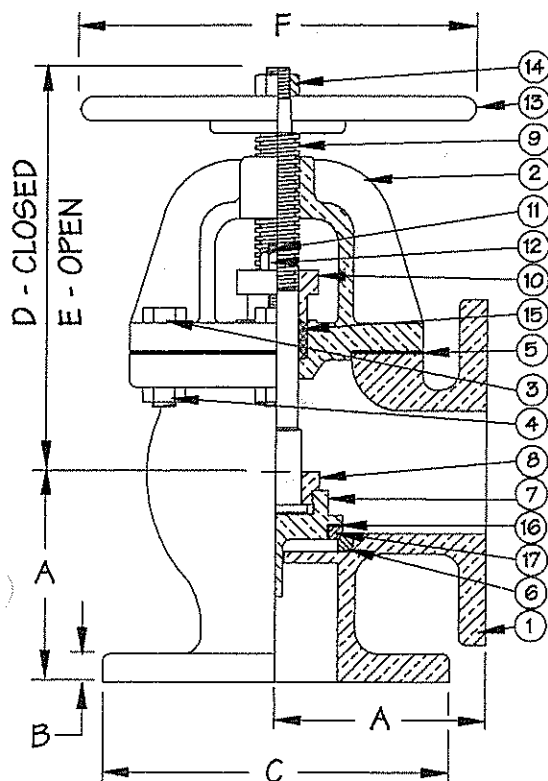
Type	Angle Valve
Size	16 in.
Material	Bronze, Brass, Al-Brz
Material Grade	Bronze
Trim	Monel
Pressure Class	Class 150
Connection	Flanged
Operator	Handwheel
Specification	ANSI B16.5
Market	Commercial

Product URL: <https://torksystems.com/M101616>

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 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{1}{8}$	3 $\frac{5}{8}$	4 $\frac{1}{4}$	4 $\frac{5}{8}$	5 $\frac{1}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$	7	9 $\frac{3}{4}$	11	13 $\frac{3}{4}$	15 $\frac{1}{2}$
B	3 $\frac{3}{8}$	3 $\frac{13}{32}$	3 $\frac{7}{16}$	3 $\frac{1}{2}$	3 $\frac{9}{16}$	3 $\frac{5}{8}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{3}{4}$	3 $\frac{13}{16}$	3 $\frac{15}{16}$	3 $\frac{1}{2}$	3 $\frac{1}{16}$	3 $\frac{3}{16}$
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	6 $\frac{9}{16}$	6 $\frac{9}{16}$	6 $\frac{9}{16}$	6 $\frac{3}{8}$	6 $\frac{9}{16}$	6 $\frac{5}{16}$	6 $\frac{1}{8}$	6 $\frac{7}{8}$	6 $\frac{7}{8}$	6 $\frac{15}{16}$	6 $\frac{22}{16}$	6 $\frac{22}{16}$	6 $\frac{22}{16}$	6 $\frac{24}{16}$
E	6 $\frac{15}{16}$	6 $\frac{15}{16}$	6 $\frac{15}{16}$	6 $\frac{7}{8}$	6 $\frac{10}{16}$	6 $\frac{11}{16}$	6 $\frac{11}{16}$	6 $\frac{12}{16}$	6 $\frac{14}{16}$	6 $\frac{16}{16}$	6 $\frac{24}{16}$	6 $\frac{24}{16}$	6 $\frac{23}{16}$	6 $\frac{27}{16}$
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



PIMA VALVE, INC.
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