

SIZE	A	B	C	D	E	F	G	H	J	WGT	PRESSURE DATA, PER AWWA C517		ITEM	NAME	STANDARD MATERIAL	
24"	42	1 7⁄8	20	25 3⁄8	20	—	—	1 3/8	20	2,010	DESIGN PRESSURE RATING		150 PSI	1	BODY	DUCTILE IRON
30"	51	2 1⁄8	22 5⁄8	28 3⁄8	24	1 1⁄4—7 UNC	8	1 3/8	20	3,875	TEST PRESSURE	SHELL TEST	225 PSI	2	PLUG	DUCTILE IRON/BUNA-N
36"	60	2 3⁄8	26 5⁄8	33 3⁄8	28	1 1⁄2—6 UNC	8	1 5/8	24	6,130		SEAT TEST (DIRECT)	150 PSI	3	COVER (BONNET)	DUCTILE IRON
42"	72	2 5⁄8	31	38 5⁄8	28	1 1⁄2—6 UNC	4	1 5/8	32	9,815		SEAT TEST (REVERSE)	100 PSI	4	COVER BOLTS	316 STAINLESS STEEL
48"	84	2 3⁄4	37 3⁄8	48 3⁄8	32	1 1⁄2—6 UNC	4	1 5/8	40	15,865			5	O-RING	BUNA-N	
54"	96	3	44 1⁄8	55	32	—		2	44	23,370			6	ADAPTER	DUCTILE IRON	
60"	96	3 1⁄8	43 3⁄4	56 1⁄8	32	—		2	52	31,835			7	UPPER THRUST WASHER	PTFE	

THREADS REMOVED FROM 24", 54", & 60" MARCH 2025

F — SIZE OF TAPPED HOLES PER FLANGE
G — NUMBER OF TAPPED HOLES PER FLANGE
H — SIZE OF BOLT HOLES PER FLANGE
J — NUMBER OF BOLT HOLES PER FLANGE

NOTES:
1. DESIGN STANDARD AWWA C517
2. FLANGE DRILLING PER ANSI B16.1 CLASS 125
3. DIMENSIONS AND WEIGHT ARE FOR STANDARD WORM GEAR ACTUATOR WITH HANDWHEEL
4. DIMENSIONS IN INCHES, WEIGHT IN POUNDS AND ARE APPROXIMATE. REQUEST CERTIFIED DRAWINGS IF CRITICAL.

GA INDUSTRIES, A +GF+ BRAND						
STANDARD PORT FLANGED ECCENTRIC PLUG VALVE WITH WORM GEAR AND HANDWHEEL						
STANDARD TOLERANCES (UNLESS OTHERWISE NOTED) FINISHED SURFACES ONLY DIMENSIONS SHOWN IN INCHES .x = ±.02 .xx = ±.01 .xxx = ±.002 FRACTIONS ±1/64" ANGLES ±1° FINISH 8°- XX RMS	SERIAL NO.	SCALE	DRAWN BY WJN			
		NONE	APPR. BY			
	REFERENCES	EFFECTIVE DATE	1—1—2024	TO		
		FIG. NUMBER	B517R8	FILE	DRAWING NO.	REV.
				PL—2094	C	
C	ECN20260094	REDRAWN, CORRECTED DIMENSIONS, PTFE WAS AL. BRONZE				
B	—	ADDED 60-INCH				
A	—	UPGRADED FASTENERS TO 316SS				
REV.	ECN #	DESCRIPTION				
		DATE BY				
		7-10-26 AHW				
		9-30-24 WJN				
		6-18-24 WJN				