



DIMENSIONS, INCHES

VALVE SIZE	BASE VALVE MODEL #	ACTUATOR CODE	ACTUATOR PRESSURE RATING (PSI)		STD. HAND WHEEL DIA.	A	B	C	D	E QTY.	E TAP	E DEEP	F	G	H	J	K1 HW	K2 2" NUT	BOLT SIZE	# OF BOLTS
			REVERSE	DIRECT																
3	5603F	1A	175	175	8	8.00	6.00	7.50	0.75	2	5/8"-11	0.75	4.47	8.28	3.06	10.20	9.50	9.00	5/8	4
4	5604F	1A	175	175	8	9.00	7.50	9.00	0.94	2	5/8"-11	0.94	5.63	9.31	3.06	11.20	9.50	9.00	5/8	8
6	5604F	1A	175	175	16	10.50	9.50	11.00	1.00	4	3/4"-10	1.25	7.06	12.00	3.06	13.90	9.38	9.00	3/4	8
8	5608F	1A	100	175	12	11.50	11.75	13.50	1.13	4	3/4"-10	1.38	8.75	13.34	3.06	15.30	11.50	9.00	3/4	8
		1B	175	175	16												9.38			
10	5610F	1C	100	175	12	13.00	14.25	16.00	1.38	8	7/8"-9	1.38	10.40	16.50	4.75	18.70	14.90	10.83	7/8	12
		1D	175	175	16												11.20			
12	5612F	1C	100	175	16	14.00	17.00	19.00	1.44	8	7/8"-9	1.38	13.00	18.56	4.75	20.80	11.20	10.83	7/8	12
		1D	175	175	24												16.70			

SUPPLEMENTAL STANDARD DOCUMENTS

DESCRIPTION	DOCUMENT #
BARESTEM CROSS SECTION DETAIL	VM-5600F
BARESTEM MATERIALS OF CONSTRUCTION	VM-5603F-M
GEAR AND ADDITIONAL INPUT DETAILS	VM-PV-1A00
GEAR MATERIALS OF CONSTRUCTION	VM-PV-1A00-M

COLD WORKING PRESSURE: 175 PSI
 HYDROSTATIC SHELL TEST PRESSURE: 265 PSI
 TESTED PER AWWA C517

REV 1/15/2025

100% PORT ANSI 125 FLG CAM-CENTRIC PLUG VALVE W/ ABOVE GROUND SERVICE WORMGEAR ACTUATOR

DATE 7/27/2021

VALMATIC VALVE AND MANUFACTURING CORP.

DRWG. NO. VMC-5603F-WGA