



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	S	W	BOLT SIZE	# OF BOLTS
			REVERSE	DIRECT																		
14	5614F	1E	50	150	18	17.00	18.75	21.00	1.56	8	1"-8	1.25	13.0	21.83	9.72	23.94	16.36	11.86	-	-	1	12
		1E	100	150	24												17.73					
		1F	150	150																		
16	5616F	1G	50	150	18	17.75	21.25	23.50	1.63	8	1"-8	1.00	15.6	23.58	9.72	25.69	16.36	11.86	-	-	1	16
		1H	100	150																		
		1J	150	150																		
18	5618F	1K	50	150	18	21.50	22.75	25.00	1.69	8	1 1/8"-7	1.13	15.6	24.20	9.72	26.31	14.91	11.86	-	-	1-1/8	16
		1L	100	150	24												17.73					
		1M	150	150																		
20	5620F	1N	50	150	18	23.50	25.00	27.50	1.69	12	1 1/8"-7	1.13	17.1	26.75	7.30	28.13	19.06	14.56	-	-	1-1/8	20
		1P	100	150	24												20.44					
		1Q	150	150	30												21.94					
24	5624F	1R	50	150	24	30.00	29.50	32.00	1.88	12	1 1/4"-7	1.38	18.8	27.76	3.58	33.47	22.66	20.47	1-1/4	28.25	1-1/4	20
		1S	100	150																		
		1T	150	150																		
30	5630F	1U	50	150	24	37.50	36.00	38.75	2.12	20	1 1/4"-7	1.69	24.0	32.40	2.64	40.47	24.39	22.20	1-1/4	33.00	1-1/4	28
		1V	100	150																		
		1W	150	150																		
36	5636F	1X	50	150	24	52.00	42.75	46.00	2.38	32	1 1/2"-6	2.00	27.0	36.84	10.98	44.35	28.41	26.22	1-3/4	40.50	1-1/2	32
		1Y	100	150																		
		1Z	150	150																		

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-1E00 (14"-18") VM-PV-1N00 (20") VM-PV-1R00 (24"-36")
GEAR MATERIALS OF CONSTRUCTION	VM-PV-1E00-M (14"-18") VM-PV-1N00 (20", SAME DRAWING) VM-PV-1R00 (24"-36", SAME DRAWING)

COLD WORKING PRESSURE: 150 PSI
 HYDROSTATIC SHELL TEST PRESSURE: 225 PSI
 TESTED PER AWWA C517

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

VATMATIC VALVE AND MANUFACTURING CORP.

REV 1/17/2025

DATE 3/2/2016

DRWG. NO.

VMC-5614F-WGA