



COLD WORKING PRESSURE  
150 P.S.I.  
HYDRO TEST PRESSURE  
225 P.S.I.

SEE DRAWING NO. VM-5804RN-M FOR STANDARD MATERIALS OF CONSTRUCTION.

MECHANICAL JOINT ANSI/AWWA C111/A21.11

VALVE SIZE	A	B	C	D	F	G	H	J	K	L	M	N	O	P	Q	R	S	BOLT SIZE	NO. OF BOLTS	% OF STD. WT. PIPE
18	28 $\frac{1}{2}$	23 $\frac{1}{4}$	24 $\frac{7}{8}$	1 $\frac{7}{16}$	16 $\frac{1}{4}$	24 $\frac{3}{16}$	9 $\frac{1}{8}$	3.745	4 $\frac{1}{8}$	$\frac{7}{8}$ SQ.	3.261	12	10	7 $\frac{3}{8}$	$\frac{5}{8}$ -11	1 1/8	3 $\frac{1}{2}$	3/4	12	83
20	30 $\frac{1}{2}$	25 $\frac{1}{2}$	27 $\frac{1}{8}$	1 $\frac{1}{2}$	17 $\frac{1}{2}$	25 $\frac{1}{2}$	9 $\frac{1}{8}$	3.745	4 $\frac{1}{8}$	$\frac{7}{8}$ SQ.	3.261	12	10	7 $\frac{3}{8}$	$\frac{5}{8}$ -11	1 1/8	3 $\frac{1}{2}$	3/4	14	83
24	37	30	31 $\frac{9}{16}$	1 $\frac{5}{8}$	20 $\frac{1}{4}$	28 $\frac{3}{16}$	9 $\frac{1}{8}$	3.745	4 $\frac{1}{8}$	$\frac{7}{8}$ SQ.	3.261	12	10	7 $\frac{3}{8}$	$\frac{5}{8}$ -11	1 1/8	3 $\frac{1}{2}$	3/4	16	83
30	45 $\frac{1}{2}$	36 $\frac{7}{8}$	39 $\frac{1}{8}$	1 $\frac{13}{16}$	24	33 $\frac{3}{4}$	10 $\frac{3}{4}$	4.995	6	1 $\frac{1}{4}$ SQ.	4.296	14 $\frac{3}{4}$	12 $\frac{3}{4}$	9 $\frac{1}{4}$	$\frac{3}{4}$ -10	1 1/4	4	1	20	75
36	60	43 $\frac{3}{4}$	46	2	29	38 $\frac{3}{4}$	10 $\frac{3}{4}$	4.995	6	1 $\frac{1}{4}$ SQ.	4.296	14 $\frac{3}{4}$	12 $\frac{3}{4}$	9 $\frac{1}{4}$	$\frac{3}{4}$ -10	1 1/4	4	1	24	75

Revised 6-15-18

MECHANICAL JOINT CAM-CENTRIC® RECTANGULAR PLUG VALVE WITH BARE STEM

DATE 5-1-98



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-5918R