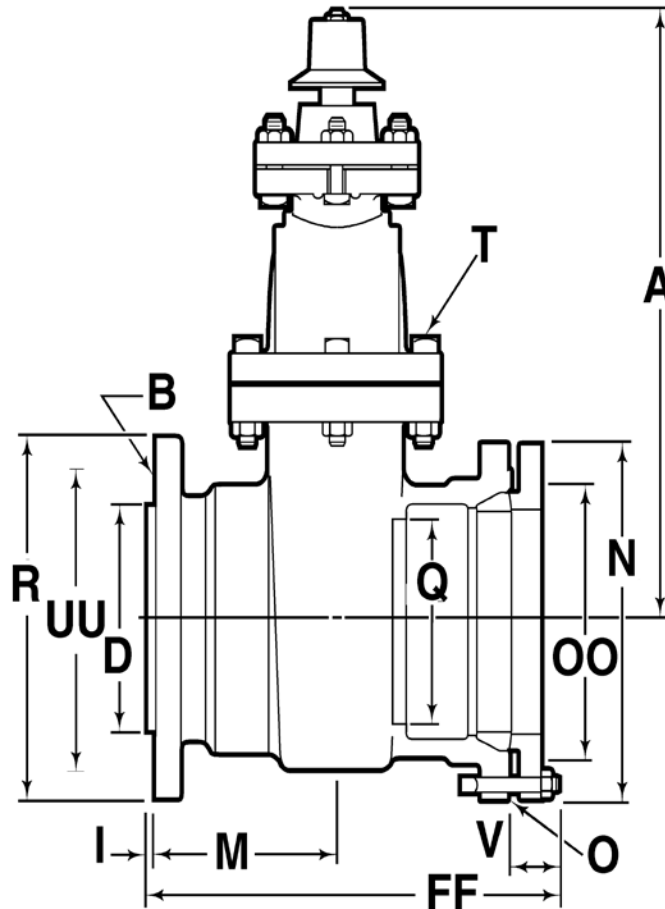


**DOUBLE-DISC NRS TAPPING VALVE**  
**DIMENSIONS - M.J. X FL. ENDS**



**12.19**

Shaded area indicates change Rev. 5-08



**Dimensions**

Dimensions*	Nominal Size**				
	14"	16"	18"	20"	24"
A	34.13	39	43	47.5	55.75
Q (bore)	14.25	16.25	18.25	20.25	24.25
R	21	23.5	25	27.5	32
D	15.25	17.25	19.47	21.47	25.47
I	0.25	0.25	0.25	0.25	0.25
M	7.50	10.38	11	11.13	12.75
FF	17.89	23.56	24.75	25.13	28.13
V	2.63	3.01	3	2.47	3.47
N	20.31	22.56	24.81	27.01	31.56
T	18	18	20	20	24
B (number and size of bolts for FL)	12--1	16--1	16--1.125	20--1.125	20--1.25
O (number and size of bolts for MJ)	10--.88	12--.75	12--.75	14--.75	16--.75
UU (bolt circle diameter for FL)	18.75	21.25	22.75	25.00	29.50
OO (bolt circle diameter for MJ)	18.75	21.00	23.25	25.50	30.00
Turns to open	46	53	59	65	77
Weight*	826	1144	1653	2300	3190

\* All dimensions are in inches. All weights include accessories are in pounds and approximate.

\*\* Nominal.