

Jun-06-2014

(also includes Series 20HV-C, 20HV(FDA) and 20HV(FDA)-C)

Table 20HV.E6.8
Series 20HV
External Pressure / Vacuum Rating (psi and bar)

Size (NB) in.	Internal Pressure Rating psi	External Pressure / Vacuum Rating psi	Size (NB) mm	Internal Pressure Rating bar	External Pressure / Vacuum Rating bar
1.00	200	5287.4	25	14	364.6
1.50	200	2230.6	40	14	153.8
2.00	200	1,142.1	50	14	78.7
2.50	200	660.9	65	14	45.6
3.00	200	416.2	80	14	28.7
4.00	200	195.8	100	14	13.5
5.00	200	107.3	125	14	7.4
6.00	200	126.2	150	14	8.7
8.00	200	97.9	200	14	6.8
10.00	200	83.0	250	14	5.7
12.00	200	73.8	300	14	5.1
14.00	150	30.8	350	10	2.1
16.00	150	31.6	400	10	2.2
18.00	150	32.2	450	10	2.2
20.00	150	32.7	500	10	2.3
24.00	150	33.4	600	10	2.3
30.00	150	16.5	750	10	1.1
36.00	100	10.6	900	7	0.7
42.00	50	1.3	1050	3	0.1
48.00	50	1.4	1200	3	0.1
54.00	50	1.4	1350	3	0.1
60.00	50	1.4	1500	3	0.1
66.00	50	1.4	1650	3	0.1
72.00	50	1.4	1800	3	0.1

Notes:
 1. Values are valid up to 150 F (66 C). Degrade by 1% per 10 F (5.5 C) rise above 150 F (66 C) to account for reduced modulus values.
 2. Includes a safety factor of 3.0.
 3. 14.7 psi (1 bar) equals full vacuum.