

Flow table for bypass meter

| Display<br>% | Flow quantity - water |                     |                 |                     |                 |                     |                 |                     |                 |                      |
|--------------|-----------------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|----------------------|
|              | DN 80<br>l/min        | (3 inch)<br>(USgpm) | DN 100<br>l/min | (4 inch)<br>(USgpm) | DN 150<br>l/min | (6 inch)<br>(USgpm) | DN 200<br>l/min | (8 inch)<br>(USgpm) | DN 250<br>l/min | (10 inch)<br>(USgpm) |
| 100          | 2100                  | (555)               | 3000            | (793)               | 6000            | (1585)              | 12000           | (3170)              | 18000           | (4756)               |
| 98           | 2058                  | (544)               | 2940            | (777)               | 5880            | (1553)              | 11760           | (3107)              | 17640           | (4660)               |
| 96           | 2016                  | (533)               | 2880            | (761)               | 5760            | (1522)              | 11520           | (3044)              | 17280           | (4565)               |
| 94           | 1974                  | (522)               | 2820            | (745)               | 5640            | (1490)              | 11280           | (2980)              | 16920           | (4470)               |
| 92           | 1932                  | (510)               | 2760            | (729)               | 5520            | (1458)              | 11040           | (2917)              | 16560           | (4375)               |
| 90           | 1890                  | (499)               | 2700            | (713)               | 5400            | (1427)              | 10800           | (2853)              | 16200           | (4280)               |
| 88           | 1848                  | (488)               | 2640            | (697)               | 5280            | (1395)              | 10560           | (2790)              | 15840           | (4185)               |
| 86           | 1806                  | (477)               | 2580            | (682)               | 5160            | (1363)              | 10320           | (2727)              | 15480           | (4090)               |
| 84           | 1764                  | (466)               | 2520            | (666)               | 5040            | (1332)              | 10080           | (2663)              | 15120           | (3995)               |
| 82           | 1722                  | (455)               | 2460            | (650)               | 4920            | (1300)              | 9840            | (2600)              | 14760           | (3900)               |
| 80           | 1680                  | (444)               | 2400            | (634)               | 4800            | (1268)              | 9600            | (2536)              | 14400           | (3804)               |
| 78           | 1638                  | (433)               | 2340            | (618)               | 4680            | (1236)              | 9360            | (2473)              | 14040           | (3709)               |
| 76           | 1596                  | (422)               | 2280            | (602)               | 4560            | (1205)              | 9120            | (2410)              | 13680           | (3614)               |
| 74           | 1554                  | (411)               | 2220            | (587)               | 4440            | (1173)              | 8880            | (2346)              | 13320           | (3519)               |
| 72           | 1512                  | (399)               | 2160            | (571)               | 4320            | (1141)              | 8640            | (2283)              | 12960           | (3424)               |
| 70           | 1470                  | (388)               | 2100            | (555)               | 4200            | (1110)              | 8400            | (2219)              | 12600           | (3329)               |
| 68           | 1428                  | (377)               | 2040            | (539)               | 4080            | (1078)              | 8160            | (2156)              | 12240           | (3234)               |
| 66           | 1386                  | (366)               | 1980            | (523)               | 3960            | (1046)              | 7920            | (2092)              | 11880           | (3139)               |
| 64           | 1344                  | (355)               | 1920            | (507)               | 3840            | (1015)              | 7680            | (2029)              | 11520           | (3044)               |
| 62           | 1302                  | (344)               | 1860            | (491)               | 3720            | (983)               | 7440            | (1966)              | 11160           | (2948)               |
| 60           | 1260                  | (333)               | 1800            | (476)               | 3600            | (951)               | 7200            | (1902)              | 10800           | (2853)               |
| 58           | 1218                  | (322)               | 1740            | (460)               | 3480            | (919)               | 6960            | (1839)              | 10440           | (2758)               |
| 56           | 1176                  | (311)               | 1680            | (444)               | 3360            | (888)               | 6720            | (1775)              | 10080           | (2663)               |
| 54           | 1134                  | (300)               | 1620            | (428)               | 3240            | (856)               | 6480            | (1712)              | 9720            | (2568)               |
| 52           | 1092                  | (288)               | 1560            | (412)               | 3120            | (824)               | 6240            | (1649)              | 9360            | (2473)               |
| 50           | 1050                  | (277)               | 1500            | (396)               | 3000            | (793)               | 6000            | (1585)              | 9000            | (2378)               |
| 48           | 1008                  | (266)               | 1440            | (380)               | 2880            | (761)               | 5760            | (1522)              | 8640            | (2283)               |
| 46           | 966                   | (255)               | 1380            | (365)               | 2760            | (729)               | 5520            | (1458)              | 8280            | (2188)               |
| 44           | 924                   | (244)               | 1320            | (349)               | 2640            | (697)               | 5280            | (1395)              | 7920            | (2092)               |
| 42           | 882                   | (233)               | 1260            | (333)               | 2520            | (666)               | 5040            | (1332)              | 7560            | (1997)               |
| 40           | 840                   | (222)               | 1200            | (317)               | 2400            | (634)               | 4800            | (1268)              | 7200            | (1902)               |
| 35           | 735                   | (194)               | 1050            | (277)               | 2100            | (555)               | 4200            | (1110)              | 6300            | (1664)               |
| 30           | 630                   | (166)               | 900             | (238)               | 1800            | (476)               | 3600            | (951)               | 5400            | (1427)               |
| 25           | 525                   | (139)               | 750             | (198)               | 1500            | (396)               | 3000            | (793)               | 4500            | (1189)               |
| 20           | 420                   | (111)               | 600             | (159)               | 1200            | (317)               | 2400            | (634)               | 3600            | (951)                |

Pressure loss data

| Flow | Δp mbar (psi) |
|------|---------------|
| 20%  | 13.6 (0.19)   |
| 50%  | 85.0 (1.23)   |
| 100% | 340.0 (4.93)  |