


**DRUCKSTUFENÜBERSICHT**


## Temperaturabhängige Druckstufenübersicht der DILOR-Hochdruck-Rohrverbindungen

| Werkstoffe             |                      |  |                           |  |                               |  |  |  |  |  |  |  |  |  |
|------------------------|----------------------|--|---------------------------|--|-------------------------------|--|--|--|--|--|--|--|--|--|
| DIN EN-Werkstoffnummer | Werkstoffbezeichnung |  | AISI-Werkstoffbezeichnung |  | DILOR-Material-Kennbuchstaben |  |  |  |  |  |  |  |  |  |
| 1.0460                 | P250GH               |  | 1022M                     |  | A                             |  |  |  |  |  |  |  |  |  |
| 1.4571                 | X6CrNiMoTi17-12-2    |  | 316 Ti                    |  | C                             |  |  |  |  |  |  |  |  |  |
| 1.7335                 | 13CrMo4-5            |  | A 182                     |  | D                             |  |  |  |  |  |  |  |  |  |
| 1.4922                 | X20CrMoV11-1         |  | ---                       |  | Q                             |  |  |  |  |  |  |  |  |  |

  

| Baureihe Type | Nenndruck (bar) | DILOR-Material-Kennbuchstabe | alle Ausführungen | Nenndruck bis Temperatur (°C) | Zulässiger Betriebsdruck in bar bei Betriebstemperatur (°C) |      |      |      |      |      |      |      |      |     |
|---------------|-----------------|------------------------------|-------------------|-------------------------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|-----|
|               |                 |                              |                   |                               | 20                                                          | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500 |
| M 1           | 100             | A                            | X                 | 260                           | 100                                                         | 100  | 100  | 100  | 100  | 90   | 78   | -    | -    | -   |
| M 1           | 100             | C                            | X                 | 400                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | -    | -   |
| M 1           | 100             | D                            | X                 | 490                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 86  |
| M 1           | 100             | Q                            |                   | 20                            | 100                                                         | 93   | 90   | 86   | 82   | 78   | 74   | 71   | 62   | 52  |
| MH 1          | 100             | D                            | X                 | 500                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100 |
| MH 1          | 100             | Q                            |                   | 500                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100 |
| J 1           | 100             | A                            | X                 | 330                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 95   | -    | -    | -   |
| J 1           | 100             | C                            | X                 | 400                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | -    | -   |
| J 1           | 100             | D                            | X                 | 400                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | -    | -   |
| J 1           | 100             | Q                            |                   | 20                            | 100                                                         | 93   | 90   | 86   | 82   | 78   | 74   | 71   | 62   | 52  |
| JH 1          | 100             | D                            | X                 | 500                           | -                                                           | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100 |
| JH 1          | 100             | Q                            |                   | 500                           | 100                                                         | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100 |
| M 2           | 200             | A                            | X                 | 180                           | 200                                                         | 200  | 200  | 190  | 170  | 150  | 130  | -    | -    | -   |
| M 2           | 200             | C                            | X                 | 200                           | 200                                                         | 200  | 200  | 200  | 193  | 185  | 178  | 171  | -    | -   |
| M 2           | 200             | D                            | X                 | 350                           | 200                                                         | 200  | 200  | 200  | 200  | 200  | 200  | 190  | 167  | 145 |
| M 2           | 200             | Q                            |                   | 20                            | 200                                                         | 188  | 180  | 173  | 165  | 158  | 151  | 144  | 124  | 105 |
| J 2           | 250             | A                            | X                 | 140                           | 250                                                         | 250  | 235  | 220  | 195  | 170  | 150  | -    | -    | -   |
| J 2           | 250             | C                            | X                 | 140                           | 250                                                         | 250  | 246  | 226  | 215  | 207  | 198  | 190  | -    | -   |
| J 2           | 250             | D                            | X                 | 300                           | 250                                                         | 250  | 250  | 250  | 250  | 250  | 230  | 220  | 192  | 165 |
| J 2           | 250             | Q                            |                   | 20                            | 250                                                         | 188  | 180  | 173  | 165  | 158  | 151  | 144  | 124  | 105 |
| M 3           | 320             | A                            | X                 | 150                           | 320                                                         | 320  | 320  | 285  | 255  | 225  | 195  | -    | -    | -   |
| M 3           | 320             | C                            | X                 | 145                           | 320                                                         | 320  | 317  | 295  | 284  | 274  | 262  | 252  | -    | -   |
| M 3           | 320             | D                            | X                 | 300                           | 320                                                         | 320  | 320  | 320  | 320  | 320  | 295  | 280  | 248  | 215 |
| M 3           | 320             | Q                            |                   | 220                           | 320                                                         | 320  | 320  | 320  | 310  | 295  | 281  | 268  | 230  | 195 |
| J 3           | 320             | A                            | X                 | 165                           | 320                                                         | 320  | 320  | 295  | 262  | 230  | 200  | -    | -    | -   |
| J 3           | 320             | C                            | X                 | 170                           | 320                                                         | 320  | 320  | 302  | 292  | 282  | 271  | 261  | -    | -   |
| J 3           | 320             | D                            | X                 | 20                            | 320                                                         | 320  | 320  | 320  | 320  | 320  | 305  | 290  | 255  | 220 |
| J 3           | 320             | Q                            |                   | 220                           | -                                                           | -    | -    | 320  | 310  | 295  | 281  | 268  | 230  | 195 |
| M 6           | 640             | A                            | X                 | 150                           | 640                                                         | 640  | 640  | 570  | 507  | 445  | 385  | -    | -    | -   |
| M 6           | 640             | C                            | X                 | 140                           | 640                                                         | 640  | 632  | 590  | 565  | 540  | 520  | 500  | -    | -   |
| M 6           | 640             | D                            | X                 | 300                           | 640                                                         | 640  | 640  | 640  | 640  | 640  | 590  | 560  | 492  | 425 |
| M 6           | 640             | Q                            |                   | 415                           | 640                                                         | 640  | 640  | 640  | 640  | 640  | 640  | 640  | 545  | 450 |
| M 10          | 1000            | A                            | X                 | 80                            | 1000                                                        | 990  | 890  | 790  | 705  | 620  | 540  | -    | -    | -   |
| M 10          | 1000            | C                            | X                 | 55                            | 1000                                                        | 940  | 880  | 820  | 780  | 742  | 721  | 700  | -    | -   |
| M 10          | 1000            | D                            | X                 | 200                           | 1000                                                        | 1000 | 1000 | 1000 | 945  | 890  | 820  | 780  | 748  | 715 |
| M 10          | 1000            | Q                            |                   | 460                           | 1000                                                        | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 875 |