

# STEAM CAPACITY WITH RESPECT TO PIPE DIAMETERS (kg/h)

| Pressure<br>bar | Speed<br>m/sn | 15  | 20  | 25  | 32  | 40   | 50   | 65   | 80   | 100  | 125   | 150   | 200   | 250   | 300   |
|-----------------|---------------|-----|-----|-----|-----|------|------|------|------|------|-------|-------|-------|-------|-------|
| 0,4             | 15            | 7   | 15  | 24  | 37  | 62   | 99   | 145  | 213  | 394  | 648   | 917   | 1606  | 2590  | 3678  |
|                 | 25            | 10  | 25  | 40  | 62  | 92   | 162  | 265  | 384  | 675  | 972   | 1457  | 2806  | 4101  | 5935  |
|                 | 40            | 17  | 35  | 64  | 102 | 142  | 265  | 403  | 576  | 1037 | 1670  | 2303  | 4318  | 6909  | 9500  |
| 0,7             | 15            | 7   | 16  | 25  | 40  | 59   | 109  | 166  | 250  | 431  | 680   | 1006  | 1708  | 2791  | 3852  |
|                 | 25            | 12  | 25  | 45  | 72  | 100  | 182  | 287  | 430  | 716  | 1145  | 1575  | 2816  | 4629  | 6204  |
|                 | 40            | 18  | 37  | 68  | 106 | 167  | 298  | 428  | 630  | 1108 | 1712  | 2417  | 4532  | 7251  | 10323 |
| 1,0             | 15            | 8   | 17  | 29  | 43  | 65   | 112  | 182  | 260  | 470  | 694   | 120   | 1864  | 2814  | 4045  |
|                 | 25            | 12  | 26  | 48  | 72  | 100  | 193  | 300  | 445  | 730  | 1160  | 1660  | 3099  | 4869  | 6751  |
|                 | 40            | 19  | 39  | 71  | 112 | 172  | 311  | 465  | 640  | 1150 | 1800  | 2500  | 4815  | 7333  | 10370 |
| 2,0             | 15            | 12  | 25  | 45  | 70  | 100  | 182  | 280  | 410  | 715  | 1125  | 1580  | 2814  | 4545  | 6277  |
|                 | 25            | 19  | 43  | 70  | 115 | 162  | 295  | 428  | 656  | 1215 | 1755  | 2520  | 4815  | 7425  | 10575 |
|                 | 40            | 30  | 64  | 115 | 178 | 275  | 475  | 745  | 1010 | 1895 | 2925  | 4175  | 7578  | 11997 | 16796 |
| 3,0             | 15            | 16  | 37  | 60  | 93  | 127  | 245  | 385  | 535  | 925  | 1505  | 2040  | 3983  | 6217  | 8743  |
|                 | 25            | 26  | 56  | 100 | 152 | 225  | 425  | 632  | 910  | 1580 | 2480  | 3440  | 6779  | 10269 | 14316 |
|                 | 40            | 41  | 87  | 157 | 250 | 357  | 595  | 1025 | 1460 | 2540 | 4050  | 5940  | 10476 | 16470 | 22950 |
| 4,0             | 15            | 19  | 42  | 70  | 108 | 156  | 281  | 432  | 635  | 1166 | 1685  | 2460  | 4618  | 7121  | 10358 |
|                 | 25            | 30  | 63  | 115 | 180 | 270  | 450  | 742  | 1080 | 1980 | 2925  | 4225  | 7866  | 12225 | 17304 |
|                 | 40            | 49  | 116 | 197 | 295 | 456  | 796  | 1247 | 1825 | 3120 | 4940  | 7050  | 12661 | 19663 | 27816 |
| 5,0             | 15            | 22  | 49  | 87  | 128 | 187  | 352  | 526  | 770  | 1295 | 2105  | 2835  | 5548  | 8586  | 11947 |
|                 | 25            | 36  | 81  | 135 | 211 | 308  | 548  | 885  | 1265 | 2110 | 3540  | 5150  | 8865  | 12468 | 20051 |
|                 | 40            | 59  | 131 | 225 | 338 | 495  | 855  | 1350 | 1890 | 3510 | 5400  | 7870  | 13760 | 23205 | 32244 |
| 6,0             | 15            | 26  | 59  | 105 | 153 | 225  | 425  | 632  | 925  | 1555 | 2525  | 3400  | 6654  | 10297 | 14328 |
|                 | 25            | 43  | 97  | 162 | 253 | 370  | 658  | 1065 | 1520 | 2530 | 4250  | 6175  | 10629 | 17108 | 24042 |
|                 | 40            | 71  | 157 | 270 | 405 | 595  | 1025 | 1620 | 2270 | 4210 | 6475  | 9445  | 16515 | 27849 | 38697 |
| 8,0             | 15            | 32  | 70  | 126 | 190 | 285  | 475  | 800  | 1125 | 1990 | 3025  | 4540  | 8042  | 12625 | 17728 |
|                 | 25            | 54  | 122 | 205 | 320 | 465  | 810  | 1260 | 1870 | 3240 | 5220  | 7120  | 13140 | 21600 | 33210 |
|                 | 40            | 84  | 192 | 327 | 510 | 730  | 1370 | 2065 | 3120 | 5135 | 8395  | 12470 | 21247 | 33669 | 46858 |
| 10,0            | 15            | 41  | 95  | 155 | 250 | 372  | 626  | 1012 | 1465 | 2495 | 3995  | 5860  | 9994  | 16172 | 22713 |
|                 | 25            | 66  | 145 | 257 | 405 | 562  | 990  | 1530 | 2205 | 3825 | 6295  | 8995  | 15966 | 25860 | 35890 |
|                 | 40            | 104 | 216 | 408 | 615 | 910  | 1635 | 2545 | 3600 | 6230 | 9880  | 14390 | 26621 | 41011 | 57560 |
| 14,0            | 15            | 50  | 121 | 205 | 310 | 465  | 810  | 1270 | 1870 | 3220 | 5215  | 7390  | 12921 | 20538 | 29016 |
|                 | 25            | 85  | 195 | 331 | 520 | 740  | 1375 | 2080 | 3120 | 5200 | 8500  | 12560 | 21720 | 34139 | 47128 |
|                 | 40            | 126 | 305 | 555 | 825 | 1210 | 2195 | 3425 | 4735 | 8510 | 13050 | 18630 | 35548 | 54883 | 76534 |