

Beam magnets settings for positive particles

| P (GeV/c) | QDE01 | QFO02 | BHZ01 | QFO03 | BHZ02 | BHZ03 | QFO04 | QDE05 | BVT01 | QDE06 | QFO07 | QDE06 | QFO07 |
|--------------|--------|--------|---------|---------|--------|--------|--------|--------|--------|----------------|--------|------------|--------|
| | | | | | | | | | | standard focus | | focus +10m | |
| 0.5 | 19.25 | 16.10 | 44.78 | -7.36 | 12.72 | 11.89 | 7.74 | 10.15 | 23.17 | 8.28 | 9.54 | 23.31 | 17.95 |
| 1 | 35.99 | 33.21 | 89.10 | -13.13 | 23.81 | 23.93 | 15.56 | 20.55 | 34.35 | 39.48 | 38.23 | 33.67 | 29.09 |
| 1.5 | 56.08 | 48.98 | 134.04 | -21.03 | 37.07 | 35.77 | 23.27 | 30.61 | 61.52 | 50.77 | 50.31 | 58.36 | 47.79 |
| 2 | 72.81 | 66.09 | 178.35 | -26.80 | 48.17 | 47.82 | 31.09 | 41.01 | 72.70 | 79.00 | 76.49 | 67.36 | 58.20 |
| 2.5 | 92.90 | 81.86 | 223.29 | -34.69 | 61.43 | 59.66 | 38.81 | 51.08 | 99.87 | 93.26 | 91.07 | 93.42 | 77.62 |
| 3 | 109.64 | 98.96 | 267.61 | -40.46 | 72.52 | 71.70 | 46.62 | 61.48 | 111.04 | 118.57 | 114.81 | 101.09 | 87.32 |
| 3.5 | 129.73 | 114.73 | 312.55 | -48.36 | 85.78 | 83.54 | 54.34 | 71.54 | 138.22 | 135.74 | 131.84 | 128.48 | 107.45 |
| 4 | 146.47 | 131.84 | 356.86 | -54.12 | 96.87 | 95.58 | 62.16 | 81.94 | 149.39 | 158.24 | 153.21 | 134.87 | 116.48 |
| 4.5 | 166.56 | 147.61 | 401.80 | -62.02 | 110.13 | 107.42 | 69.87 | 92.01 | 176.56 | 178.23 | 172.61 | 163.53 | 137.29 |
| 5 | 183.29 | 164.72 | 446.12 | -67.79 | 121.23 | 119.46 | 77.69 | 102.41 | 187.74 | 198.07 | 191.75 | 168.74 | 145.70 |
| 5.5 | 203.38 | 180.48 | 491.06 | -75.68 | 134.49 | 131.31 | 85.41 | 112.47 | 214.91 | 220.72 | 213.38 | 198.59 | 167.12 |
| 6 | 220.12 | 197.59 | 535.37 | -81.45 | 145.58 | 143.35 | 93.22 | 122.87 | 226.09 | 238.11 | 230.48 | 202.74 | 174.99 |
| 6.5 | 240.21 | 213.36 | 580.31 | -89.35 | 158.84 | 155.19 | 100.94 | 132.94 | 253.26 | 263.21 | 254.15 | 233.64 | 196.96 |
| 7 | 258.62 | 229.80 | 624.94 | -96.18 | 171.02 | 167.13 | 108.71 | 143.17 | 272.43 | 278.47 | 269.49 | 236.90 | 204.37 |
| 7.5 | 277.03 | 246.24 | 669.57 | -103.01 | 183.20 | 179.07 | 116.47 | 153.40 | 291.61 | 305.70 | 294.91 | 268.70 | 226.79 |
| 8 | 295.45 | 262.67 | 714.20 | -109.84 | 195.37 | 191.01 | 124.24 | 163.64 | 310.78 | 319.25 | 308.87 | 271.28 | 233.88 |
| 8.5 | 313.86 | 279.11 | 758.82 | -116.68 | 207.55 | 202.96 | 132.00 | 173.87 | 329.96 | 348.18 | 335.68 | 303.76 | 256.62 |
| 9 | 332.27 | 295.55 | 803.45 | -123.51 | 219.73 | 214.90 | 139.77 | 184.10 | 349.13 | 360.64 | 348.77 | 305.96 | 263.56 |
| 9.5 | 350.69 | 311.99 | 848.08 | -130.34 | 231.90 | 226.84 | 147.54 | 194.33 | 368.30 | 390.67 | 376.45 | 338.81 | 286.46 |
| 10 | 369.10 | 328.43 | 892.71 | -137.17 | 244.08 | 238.78 | 155.30 | 204.57 | 387.48 | 402.85 | 389.38 | 341.03 | 293.44 |
| 10.5 | 387.51 | 344.86 | 937.33 | -144.00 | 256.26 | 250.72 | 163.07 | 214.80 | 406.65 | 433.16 | 417.22 | 373.87 | 316.29 |
| 11 | 405.92 | 361.30 | 981.96 | -150.84 | 268.44 | 262.66 | 170.84 | 225.03 | 425.83 | 446.21 | 430.95 | 376.62 | 323.58 |
| 12 | 442.75 | 394.18 | 1071.22 | -164.50 | 292.79 | 286.55 | 186.37 | 245.50 | 464.17 | 491.18 | 473.86 | 412.88 | 354.06 |
| 13 | 479.58 | 427.05 | 1160.47 | -178.16 | 317.14 | 310.43 | 201.90 | 265.96 | 502.52 | 538.49 | 518.66 | 450.04 | 384.96 |
| 14 | 516.40 | 459.93 | 1249.73 | -191.83 | 341.50 | 334.31 | 217.44 | 286.43 | 540.87 | 589.36 | 566.25 | 488.41 | 416.40 |
| 15 | 553.23 | 492.81 | 1338.98 | -205.49 | 365.85 | 358.20 | 232.97 | 306.89 | 579.22 | 646.21 | 618.21 | 528.42 | 448.53 |

QDE06 & QFO7 from actual Durieu tables in control room. Other values from 2003 Durieu tables

Note: negative setting for the quadrupole QF03