



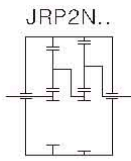
## 6. 实际传动比 Actual Ratios

类型 JRP2N..和JRP2S..

Types JRP2N..and JRP2S..

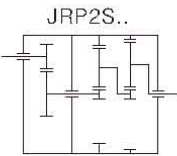


| JRP2N..<br>规格<br>Size | 实际传动比 / Actual ratios<br><i>i</i> |        |        |        |        |
|-----------------------|-----------------------------------|--------|--------|--------|--------|
|                       | 25                                | 28     | 31.5   | 35.5   | 40     |
| 9                     | 25.634                            | 28.058 | 31.142 | 35.201 | 40.781 |
| 10                    | 25.634                            | 28.058 | 31.142 | 35.201 | 40.781 |
| 11                    | 25.875                            | 28.233 | 31.207 | 35.072 | 40.302 |
| 12                    | 24.983                            | 27.260 | 30.130 | 33.863 | 38.912 |
| 13                    | 24.958                            | 27.318 | 30.321 | 34.272 | 39.706 |
| 14                    | 24.958                            | 27.318 | 30.321 | 34.272 | 39.706 |
| 16                    | 24.750                            | 27.090 | 30.068 | 33.987 | 39.375 |
| 17                    | 24.750                            | 27.090 | 30.068 | 33.987 | 39.375 |
| 18                    | 24.958                            | 27.318 | 30.321 | 34.272 | 39.706 |
| 19/20                 | 26.622                            | 29.139 | 32.342 | 36.557 | 42.353 |
| 21/22                 | 26.622                            | 29.139 | 32.342 | 36.557 | 42.353 |
| 23/24                 | 26.872                            | 29.321 | 32.409 | 36.424 | 41.855 |
| 25/26                 | 26.872                            | 29.321 | 32.409 | 36.424 | 41.855 |
| 27/28                 | 26.622                            | 29.139 | 32.342 | 36.557 | 42.353 |
| 29/30                 | 26.622                            | 29.139 | 32.342 | 36.557 | 42.353 |
| 31/32                 | 26.872                            | 29.321 | 32.409 | 36.424 | 41.855 |
| 33/34                 | 26.622                            | 29.139 | 32.342 | 36.557 | 42.353 |
| 35/36                 | 26.872                            | 29.321 | 32.409 | 36.424 | 41.855 |



$i_N=25...40$

| JRP2S..<br>规格<br>Size | 实际传动比 / Actual ratios<br><i>i</i> |        |        |        |        |        |        |        |        |        |
|-----------------------|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       | 45                                | 50     | 56     | 63     | 71     | 80     | 90     | 100    | 112    | 125    |
| 9                     | 45.601                            | 51.544 | 59.715 | 61.953 | 71.775 | 78.782 | 91.272 | 99.735 | 115.55 | 124.74 |
| 10                    | 45.601                            | 51.544 | 59.715 | 61.953 | 71.775 | 78.782 | 91.272 | 99.735 | 115.55 | 124.74 |
| 11                    | 43.209                            | 48.561 | 55.802 | 63.399 | 72.853 | 81.303 | 93.426 | 99.678 | 114.54 | 123.14 |
| 12                    | 41.719                            | 46.887 | 53.878 | 61.213 | 70.340 | 78.499 | 90.205 | 96.241 | 110.59 | 118.90 |
| 13                    | 43.797                            | 49.505 | 57.353 | 59.977 | 69.485 | 78.827 | 91.324 | 95.963 | 111.18 | 119.12 |
| 14                    | 43.797                            | 49.505 | 57.353 | 59.977 | 69.485 | 78.827 | 91.324 | 95.963 | 111.18 | 119.12 |
| 16                    | 42.318                            | 47.833 | 55.417 | 61.438 | 71.178 | 78.788 | 91.278 | 96.594 | 111.91 | 120.59 |
| 17                    | 42.318                            | 47.833 | 55.417 | 61.438 | 71.178 | 78.788 | 91.278 | 96.594 | 111.91 | 120.59 |
| 18                    | 42.867                            | 48.454 | 56.136 | 60.320 | 69.882 | 78.976 | 91.496 | 95.963 | 111.18 | 119.12 |
| 19/20                 | 45.725                            | 51.684 | 59.878 | 64.341 | 74.541 | 84.841 | 97.596 | 102.36 | 118.59 | 127.06 |
| 21/22                 | 46.357                            | 52.399 | 60.706 | 66.084 | 76.561 | 84.746 | 98.182 | 103.90 | 120.37 | 129.41 |
| 23/24                 | 45.373                            | 50.993 | 58.597 | 64.442 | 74.051 | 82.781 | 95.124 | 101.60 | 116.75 | 125.56 |
| 25/26                 | 45.373                            | 50.993 | 58.597 | 64.442 | 74.051 | 82.781 | 95.124 | 101.60 | 116.75 | 125.56 |
| 27/28                 | 46.948                            | 53.067 | 61.480 | 66.345 | 76.863 | 84.241 | 97.596 | 102.36 | 118.59 | 127.06 |
| 29/30                 | 46.948                            | 53.067 | 61.480 | 66.345 | 76.863 | 84.241 | 97.596 | 102.36 | 118.59 | 127.06 |
| 31/32                 | 45.575                            | 51.221 | 58.858 | 66.102 | 75.958 | 83.932 | 96.448 | 104.30 | 119.86 | 127.56 |
| 33/34                 | 45.481                            | 51.409 | 59.559 | 66.345 | 76.863 | 84.241 | 97.596 | 104.69 | 121.28 | 129.08 |
| 35/36                 | 45.373                            | 50.993 | 58.597 | 65.562 | 75.338 | 81.252 | 93.368 | 100.53 | 115.52 | 129.20 |



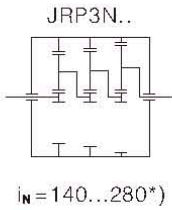
$i_N=45...125$

类型 JRP3N..和JRP3S..

Types JRP3N..and JRP3S..



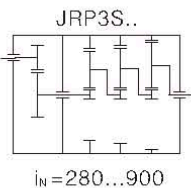
| JRP3N..<br>规格<br>Size | 实际传动比 / Actual ratios<br>i |        |        |        |        |        |        |  |
|-----------------------|----------------------------|--------|--------|--------|--------|--------|--------|--|
|                       | 140                        | 160    | 180    | 200    | 225    | 250    | 280    |  |
| 9                     | 146.81                     | 165.95 | 192.25 | 210.43 | 233.57 | 264.01 | 305.86 |  |
| 10                    | 146.81                     | 165.95 | 192.25 | 210.43 | 233.57 | 264.01 | 305.86 |  |
| 11                    | 147.12                     | 165.34 | 189.99 | 207.96 | 230.82 | 260.90 | 302.26 |  |
| 12                    | 142.04                     | 159.64 | 183.44 | 200.79 | 222.86 | 251.90 | 291.84 |  |
| 13                    | 142.94                     | 161.57 | 187.19 | 204.88 | 227.41 | 257.04 | 297.79 |  |
| 14                    | 142.94                     | 161.57 | 187.19 | 204.88 | 227.41 | 257.04 | 297.79 |  |
| 16                    | 143.08                     | 161.73 | 187.37 | 204.45 | 225.98 | 253.97 | 291.84 |  |
| 17                    | 143.08                     | 161.73 | 187.37 | 204.45 | 225.98 | 253.97 | 291.84 |  |
| 18                    | 142.94                     | 161.57 | 187.19 | 204.88 | 227.41 | 257.04 | 297.79 |  |
| 19/20                 | 152.47                     | 172.34 | 199.66 | 218.54 | 242.57 | 274.18 | 317.65 |  |
| 21/22                 | 152.47                     | 172.34 | 199.66 | 218.54 | 242.57 | 274.18 | 317.65 |  |
| 23/24                 | 152.79                     | 171.71 | 197.32 | 215.97 | 239.71 | 270.95 | 313.91 |  |
| 25/26                 | 152.79                     | 171.71 | 197.32 | 215.97 | 239.71 | 270.95 | 313.91 |  |
| 27/28                 | 152.47                     | 172.34 | 199.66 | 218.54 | 242.57 | 274.18 | 317.65 |  |
| 29/30                 | 152.47                     | 172.34 | 199.66 | 218.54 | 242.57 | 274.18 | 317.65 |  |
| 31/32                 | 152.79                     | 171.71 | 197.32 | 215.97 | 239.71 | 270.95 | 313.91 |  |
| 33/34                 | 153.90                     | 173.96 | 201.54 | 219.91 | 243.07 | 273.18 | 313.91 |  |
| 35/36                 | 154.22                     | 173.33 | 199.17 | 217.32 | 240.21 | 269.96 | 310.22 |  |



\*)传动比90...140, 敬请垂询

\*)Rations 90...140 on request

| JRP3S..<br>规格<br>Size | 实际传动比 / Actual ratios<br>i |        |        |        |        |        |        |        |        |        |        |  |
|-----------------------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|                       | 280                        | 315    | 355    | 400    | 450    | 500    | 560    | 630    | 710    | 800    | 900    |  |
| 9                     | 295.21                     | 333.68 | 386.58 | 401.07 | 464.65 | 510.01 | 590.87 | 645.65 | 748.01 | 807.55 | 935.57 |  |
| 10                    | 295.21                     | 333.68 | 386.58 | 401.07 | 464.65 | 510.01 | 590.87 | 645.65 | 748.01 | 807.55 | 935.57 |  |
| 11                    | 295.82                     | 332.46 | 382.03 | 399.60 | 459.18 | 508.15 | 583.92 | 643.29 | 739.21 | 798.04 | 924.56 |  |
| 12                    | 285.62                     | 320.99 | 368.86 | 385.82 | 443.35 | 490.62 | 563.78 | 621.11 | 713.72 | 770.53 | 892.68 |  |
| 13                    | 287.42                     | 324.88 | 376.39 | 390.49 | 452.40 | 496.56 | 575.29 | 628.63 | 728.29 | 786.25 | 910.90 |  |
| 14                    | 287.42                     | 324.88 | 376.39 | 390.49 | 452.40 | 496.56 | 575.29 | 628.63 | 728.29 | 786.25 | 910.90 |  |
| 16                    | 268.53                     | 303.53 | 351.65 | 396.27 | 459.10 | 508.18 | 588.75 | 623.03 | 721.81 | 776.02 | 891.73 |  |
| 17                    | 268.53                     | 303.53 | 351.65 | 396.27 | 459.10 | 508.18 | 588.75 | 623.03 | 721.81 | 776.02 | 891.73 |  |
| 18                    | 283.53                     | 320.48 | 371.29 | 388.27 | 449.83 | 510.30 | 591.20 | 621.23 | 719.72 | 771.13 | 893.38 |  |
| 19/20                 | 302.43                     | 341.84 | 396.04 | 414.16 | 479.82 | 544.32 | 630.61 | 662.65 | 767.70 | 822.54 | 952.94 |  |
| 21/22                 | 302.43                     | 341.84 | 396.04 | 414.26 | 479.82 | 544.32 | 630.61 | 662.65 | 767.70 | 822.54 | 952.94 |  |
| 23/24                 | 295.28                     | 331.86 | 381.34 | 426.24 | 489.80 | 546.62 | 628.12 | 670.15 | 770.08 | 829.80 | 961.35 |  |
| 25/26                 | 295.28                     | 331.86 | 381.34 | 416.52 | 489.80 | 546.62 | 628.12 | 670.15 | 770.08 | 829.80 | 961.35 |  |
| 27/28                 | 296.01                     | 334.59 | 387.63 | 426.24 | 482.56 | 545.35 | 631.81 | 662.65 | 767.70 | 822.54 | 952.94 |  |
| 29/30                 | 296.01                     | 334.59 | 387.63 | 416.52 | 482.56 | 545.35 | 631.81 | 662.65 | 767.70 | 822.54 | 952.94 |  |
| 31/32                 | 300.72                     | 337.97 | 388.37 | 426.24 | 489.80 | 546.61 | 628.12 | 670.15 | 770.08 | 827.92 | 959.17 |  |
| 33/34                 | 292.05                     | 330.11 | 382.45 | 417.18 | 483.31 | 535.90 | 620.86 | 657.74 | 762.02 | 819.53 | 941.73 |  |
| 35/36                 | 292.66                     | 328.90 | 377.95 | 415.65 | 477.63 | 533.94 | 613.55 | 655.34 | 753.05 | 809.89 | 930.65 |  |



JRP 系列行星齿轮箱  
 Series Planetary Gear Units



类型 JRP2L..,JRP2K..和JRP3K..

Types JRP2L..,JRP2K..and JRP3K..



| JRP2L..<br>规格<br>Size | 实际传动比 / Actual ratios<br>$i$ |         |         |         |         |         |         |         |         |         |          |  |
|-----------------------|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|--|
|                       | 31.5                         | 35.5    | 40      | 45      | 50      | 56      | 63      | 71      | 80      | 90      | 100      |  |
| 9                     | 32.5353                      | 35.6114 | 39.5264 | 43.8820 | 50.4204 | 55.7278 | 60.4521 | 69.6115 | 79.0528 | 86.2394 | 98.2171  |  |
| 10                    | 32.5353                      | 35.6114 | 39.5264 | 43.8820 | 50.4204 | 55.7278 | 60.4521 | 69.6115 | 79.0528 | 86.2394 | 98.2171  |  |
| 11                    | 32.8413                      | 35.8344 | 39.6083 | 43.4177 | 50.5248 | 55.8432 | 60.5773 | 69.7557 | 79.9667 | 86.4180 | 98.4205  |  |
| 12                    | 31.7089                      | 34.5987 | 38.2424 | 41.9206 | 48.7826 | 53.9176 | 58.4884 | 67.3503 | 77.2092 | 83.4380 | 95.0266  |  |
| 13                    | 31.6775                      | 34.6723 | 38.4842 | 42.1856 | 49.0910 | 54.2585 | 62.3263 | 67.7761 | 77.6973 | 83.9656 | 95.6275  |  |
| 14                    | 31.6775                      | 34.6723 | 38.4842 | 42.1856 | 49.0910 | 54.2585 | 62.3263 | 67.7761 | 77.6973 | 83.9656 | 95.6275  |  |
| 16                    | 31.4135                      | 34.3835 | 38.1635 | 41.8340 | 48.6818 | 53.8063 | 61.8069 | 67.2113 | 77.0498 | 83.2658 | 94.8305  |  |
| 17                    | 31.4135                      | 34.3835 | 38.1635 | 41.8340 | 48.6818 | 53.8063 | 61.8069 | 67.2113 | 77.0498 | 83.2658 | 94.8305  |  |
| 18                    | 31.4286                      | 34.3999 | 38.1819 | 43.1490 | 49.0910 | 54.8664 | 62.3263 | 67.7761 | 77.6973 | 83.9656 | 95.6275  |  |
| 19/20                 | 33.5237                      | 34.6933 | 40.7272 | 46.0254 | 52.3636 | 58.5240 | 66.4812 | 72.2943 | 82.8769 | 89.5630 | 102.0023 |  |
| 21/22                 | 33.5237                      | 34.6933 | 40.7272 | 46.0254 | 52.3636 | 58.5240 | 66.4812 | 72.2943 | 82.8769 | 89.5630 | 102.0023 |  |
| 23/24                 | 33.8391                      | 34.9231 | 40.8116 | 46.1208 | 52.4720 | 58.6452 | 66.6189 | 72.4441 | 83.0486 | 89.7486 | 102.2136 |  |
| 25/26                 | 33.8391                      | 34.9231 | 40.8116 | 46.1208 | 52.1365 | 58.6452 | 66.6189 | 72.4441 | 83.0486 | 89.7486 | 102.2136 |  |
| 27/28                 | 33.5237                      | 36.6933 | 40.7272 | 46.0254 | 52.0288 | 58.5240 | 66.4812 | 72.2943 | 82.8769 | 89.5630 | 102.0023 |  |
| 29/30                 | 33.5237                      | 36.6933 | 40.7272 | 46.0254 | 52.0288 | 58.5240 | 66.4812 | 72.2943 | 82.8769 | 89.5630 | 102.0023 |  |

| JRP2K..<br>规格<br>Size | 实际传动比 / Actual ratios<br>$i$ |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-----------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       | 112                          | 125    | 140    | 160    | 180    | 200    | 225    | 250    | 280    | 320    | 360    | 400    | 450    | 500    |
| 9                     | 111.25                       | 125.75 | 145.69 | 157.28 | 175.77 | 203.53 | 223.22 | 242.15 | 278.84 | 316.65 | 345.44 | 393.42 | 442.27 | 487.63 |
| 10                    | 111.25                       | 125.75 | 145.69 | 157.28 | 175.77 | 203.53 | 223.22 | 242.15 | 278.84 | 316.65 | 345.44 | 393.42 | 442.27 | 487.63 |
| 11                    | 111.83                       | 125.68 | 144.42 | 155.27 | 173.52 | 200.92 | 220.36 | 239.04 | 275.26 | 312.60 | 341.01 | 388.38 | 436.60 | 481.38 |
| 12                    | 107.97                       | 121.35 | 139.44 | 149.91 | 167.54 | 193.99 | 212.76 | 230.80 | 265.77 | 301.82 | 329.25 | 374.98 | 421.54 | 464.78 |
| 13                    | 107.97                       | 121.80 | 141.11 | 151.19 | 167.85 | 192.86 | 213.16 | 231.23 | 266.26 | 302.38 | 329.86 | 375.68 | 422.33 | 465.64 |
| 14                    | 107.76                       | 121.80 | 141.11 | 151.19 | 167.85 | 192.86 | 213.16 | 231.23 | 266.26 | 302.38 | 329.86 | 375.68 | 422.33 | 465.64 |
| 16                    | 108.47                       | 122.60 | 142.04 | 153.05 | 167.77 | 195.23 | 215.79 | 234.08 | 269.55 | 309.00 | 333.93 | 380.31 | 427.53 | 471.38 |
| 17                    | 108.47                       | 122.60 | 142.04 | 153.05 | 167.77 | 195.23 | 215.79 | 234.08 | 269.55 | 309.00 | 333.93 | 380.31 | 427.53 | 471.38 |
| 18                    | 107.76                       | 121.80 | 141.11 | 151.19 | 165.73 | 192.86 | 213.16 | 244.85 | 266.26 | 305.24 | 329.86 | 375.68 | 422.33 | 465.64 |
| 19/20                 | 114.94                       | 129.92 | 150.52 | 161.27 | 176.78 | 205.71 | 227.37 | 261.18 | 284.01 | 325.59 | 351.86 | 400.72 | 450.48 | 496.68 |

| JRP3K..<br>规格<br>Size | 实际传动比 / Actual ratios<br>$i$ |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-----------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                       | 560                          | 630    | 710    | 800    | 900    | 1000   | 1120   | 1250   | 1400   | 1600   | 1800   | 2000   | 2240   | 2500   | 2800   | 3150   | 3550   | 4000   |
| 9                     | 566.22                       | 640.02 | 700.53 | 777.54 | 878.88 | 982.19 | 1137.3 | 1247.3 | 1353.1 | 1558.1 | 1769.4 | 1930.3 | 2198.4 | 2471.3 | 2724.8 | 3105.0 | 3597.2 | 4167.5 |
| 10                    | 566.22                       | 640.02 | 700.53 | 777.54 | 878.88 | 982.19 | 1137.3 | 1247.3 | 1353.1 | 1558.1 | 1769.4 | 1930.3 | 2198.4 | 2471.3 | 2724.8 | 3104.9 | 3597.2 | 4167.5 |
| 11                    | 567.40                       | 637.68 | 697.96 | 774.70 | 875.66 | 978.60 | 1133.1 | 1242.8 | 1348.1 | 1552.4 | 1762.9 | 1923.2 | 2190.3 | 2462.3 | 2714.8 | 3093.6 | 3584.1 | 4118.5 |
| 12                    | 547.83                       | 615.69 | 673.90 | 747.98 | 845.46 | 944.85 | 1094.0 | 1199.9 | 1301.6 | 1498.9 | 1702.1 | 1856.9 | 2114.8 | 2377.4 | 2621.2 | 2986.9 | 3460.5 | 3976.5 |
| 13                    | 551.29                       | 623.14 | 682.06 | 757.04 | 855.70 | 956.30 | 1107.3 | 1214.4 | 1317.4 | 1517.0 | 1722.8 | 1879.4 | 2140.4 | 2406.1 | 2652.9 | 3023.1 | 3502.4 | 4057.6 |
| 14                    | 551.29                       | 623.14 | 682.06 | 757.04 | 855.70 | 956.30 | 1107.3 | 1214.4 | 1317.4 | 1517.0 | 1722.8 | 1879.4 | 2140.4 | 2406.1 | 2652.9 | 3023.1 | 3502.4 | 4057.6 |
| 16                    | 551.25                       | 623.09 | 679.88 | 751.48 | 844.56 | 943.84 | 1092.9 | 1198.6 | 1300.2 | 1497.3 | 1700.3 | 1854.9 | 2112.5 | 2374.8 | 2618.4 | 2983.8 | 3428.7 | 3972.2 |
| 17                    | 551.25                       | 623.09 | 679.88 | 751.48 | 844.56 | 943.84 | 1092.9 | 1198.6 | 1300.2 | 1497.3 | 1700.3 | 1854.9 | 2112.5 | 2374.8 | 2618.4 | 2983.8 | 3428.7 | 3972.2 |
| 18                    | 544.28                       | 615.21 | 673.37 | 747.40 | 844.81 | 937.90 | 1077.6 | 1191.1 | 1292.1 | 1487.8 | 1689.6 | 1843.2 | 2099.2 | 2359.9 | 2601.9 | 2965.0 | 3435.0 | 3979.6 |
| 19/20                 | 580.56                       | 656.22 | 718.27 | 797.23 | 901.13 | 1000.4 | 1149.5 | 1270.5 | 1378.2 | 1587.0 | 1802.3 | 1966.1 | 2239.2 | 2517.2 | 2775.4 | 3162.6 | 3664.0 | 4244.9 |
| 21/22                 | 580.56                       | 656.22 | 718.27 | 797.23 | 901.13 | 1000.4 | 1149.5 | 1270.5 | 1378.2 | 1587.0 | 1802.3 | 1966.1 | 2239.2 | 2517.2 | 2775.4 | 3162.6 | 3664.0 | 4244.9 |
| 23/24                 | 593.88                       | 667.44 | 730.55 | 810.87 | 916.54 | 1004.7 | 1169.1 | 1292.2 | 1401.8 | 1614.2 | 1850.4 | 1999.7 | 2277.5 | 2560.2 | 2822.8 | 3216.7 | 3726.7 | 4282.4 |
| 25/26                 | 593.88                       | 667.44 | 730.55 | 810.87 | 916.54 | 1004.7 | 1169.1 | 1292.2 | 1401.8 | 1614.2 | 1850.4 | 1999.7 | 2277.5 | 2560.2 | 2822.8 | 3216.7 | 3726.7 | 4282.4 |
| 27/28                 | 580.56                       | 656.22 | 718.27 | 797.23 | 901.13 | 987.8  | 1149.5 | 1270.5 | 1459.4 | 1587.0 | 1819.3 | 1966.1 | 2239.2 | 2517.2 | 2775.4 | 3162.6 | 3664.0 | 4244.9 |
| 29/30                 | 580.56                       | 656.22 | 718.27 | 797.23 | 901.13 | 987.8  | 1149.5 | 1270.5 | 1459.4 | 1587.0 | 1819.3 | 1966.1 | 2239.2 | 2517.2 | 2775.4 | 3162.6 | 3664.0 | 4244.9 |