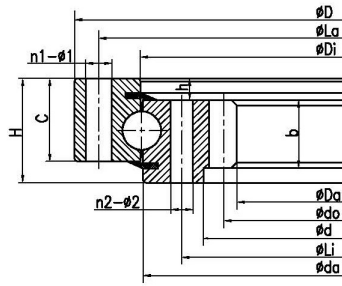
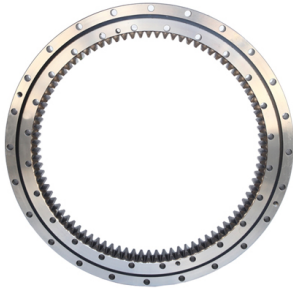


# Four-point Contact Ball Slewing Bearing With Internal Teeth



| Bearing No. | INA No.    | Rothe Erde No.          | LYC No.       | TG No.            | Dimensions(mm) |       |    |     |     | Installation size(mm) |    |        |          |     | Structure size(mm) |      |      |      |       | Tooth parameter(mm) |        |      |     |        | Rated axial static load (kN) | Weight(kg) |      |
|-------------|------------|-------------------------|---------------|-------------------|----------------|-------|----|-----|-----|-----------------------|----|--------|----------|-----|--------------------|------|------|------|-------|---------------------|--------|------|-----|--------|------------------------------|------------|------|
|             |            |                         |               |                   | Da             | D     | di | H   | La  | Li                    | n1 | n2     | φ1       | φ2  | D1                 | d    | b    | h    | B     | C                   | Di     | Da   | m   | z      |                              |            | do   |
| SIR20/308   |            |                         |               |                   | 216            | 403   | 55 | 358 | 259 | 24                    | 28 | φ13    | φ13      | 380 | 235                | 42   | 8    | 47   | 43    | 310                 | 306    | 4    | 56  | 224    |                              | 500        | 27.5 |
| SIR20/287   |            |                         |               |                   | 216            | 340   | 61 | 324 | 252 | 20                    | 20 | 42071  | 42071    |     |                    | 54   | 7    | 54   | 54    | 288                 | 286    | 4    | 56  | 224    |                              | 420        | 19.3 |
| SIR15/288   | VI 160288N |                         |               |                   | 216            | 340   | 39 | 324 | 252 | 20                    | 20 | 9      | 9        |     |                    | 34   | 5    | 34   | 34    | 287                 | 289    | 4    | 56  | 224    |                              | 350        | 12   |
| SIR15/288Y  |            |                         |               | I.340.16.00.D.1   | 216            | 340   | 39 | 324 | 252 | 20                    | 20 | φ9     | φ9       |     |                    | 34   | 5    | 34   | 34    | 288                 | 288    | 4    | 56  | 224    |                              | 260        | 12   |
| SIR20/418   |            |                         |               |                   | 256.95         | 417.9 | 50 | 390 | 295 | 18                    | 24 | M15.88 | M15.88   |     |                    | 44   | 6    | 44   | 44    | 344.48              | 344.42 | 5.08 | 52  | 264.16 |                              | 630        | 24.7 |
| SIR20/387   |            |                         |               |                   | 292            | 457   | 48 | 432 | 343 | 18                    | 18 | 42006  | 42006    |     |                    | 46   | 2    | 46   | 46    | 387.5               | 387.5  | 4    | 75  | 300    |                              | 560        | 29   |
| SIR10/388   |            |                         |               |                   | 294            | 388   | 35 | 372 | 326 | 6                     | 6  | φ8.5   | M8       |     |                    | 30   | 5    | 30   | 30    | 349                 | 347    | 3    | 100 | 300    |                              | 200        | 9.9  |
| SIR20/400   |            | 062.20.0400.000.11.1503 |               |                   | 300            | 475   | 55 | 448 | 352 | 16                    | 16 | 13.5   | 13.5     |     |                    | 46   | 9    | 46   | 46    | 399                 | 401    | 5    | 61  | 305    | -0.5                         | 950        | 33   |
| SIR20/385Y  |            |                         |               |                   | 306            | 445   | 46 | 425 | 345 | 16                    | 16 | φ13    | φ13      |     | 323                | 35   | 8    | 38   | 38    | 386                 | 384    | 3    | 104 | 312    |                              | 520        | 20.5 |
| SIR20/385   |            |                         |               |                   | 306            | 445   | 46 | 425 | 345 | 16                    | 16 | φ13    | φ13      |     | 323                | 35   | 8    | 38   | 38    | 385                 | 385    | 3    | 104 | 312    |                              | 570        | 20.1 |
| SIR20/414Y  |            |                         |               | VSI200414N        | 325            | 486   | 56 | 460 | 375 | 24                    | 24 | φ14    | M12      | 484 | 350                | 40   | 11.5 | 44.5 | 44.5  | 415.5               | 412.5  | 5    | 67  | 335    |                              | 630        | 29.6 |
| SIR20/414A  |            |                         |               | I.486.20.00.B     | 325            | 486   | 56 | 460 | 375 | 24                    | 24 | φ14    | M12      |     |                    | 44.5 | 11.5 | 44.5 | 44.5  | 415.5               | 412.5  | 5    | 67  | 335    |                              | 500        | 32.2 |
| SIR20/414   |            |                         |               |                   | 325            | 486   | 56 | 460 | 375 | 24                    | 24 | φ14    | M12      | 484 |                    | 44.5 | 11.5 | 44.5 | 44.5  | 415.5               | 412.5  | 5    | 67  | 335    |                              | 560        | 29.6 |
| SIR20/414Y1 | VSI200414N |                         |               |                   | 325            | 486   | 56 | 460 | 375 | 24                    | 24 | φ14    | M12      |     |                    | 40   | 11.5 | 44.5 | 44.5  | 415.5               | 412.5  | 5    | 67  | 335    |                              | 600        | 29   |
| SIR20/414Y2 | VSI200414N |                         |               |                   | 325            | 486   | 56 | 460 | 375 | 24                    | 24 | 14     | M12*20   | 350 | 40                 | 11.5 | 44.5 | 44.5 | 415.5 | 412.5               | 5      | 67   | 335 |        | 560                          | 31         |      |
| SIR20/414Y3 |            |                         |               | I.486.20.00.B     | 325            | 486   | 56 | 460 | 375 | 24                    | 24 | φ14    | M12      |     |                    | 44.5 | 11.5 | 44.5 | 44.5  | 415.5               | 412.5  | 5    | 67  | 335    |                              | 550        | 31   |
| SIR20/414Y4 |            | 062.20.0414.500.01.1503 |               |                   | 326.5          | 486   | 56 | 460 | 375 | 24                    | 24 | 13.5   | M12      |     |                    | 45.5 | 10.5 | 45.5 | 45.5  | 415.5               | 412.5  | 5    | 67  | 335    |                              | 720        | 31   |
| SIR20/414Y5 |            | 062.20.0414.575.01.1403 |               |                   | 326.5          | 484.5 | 56 | 460 | 375 | 24                    | 24 | 13.5   | M12      |     |                    | 45.5 | 10.5 | 45.5 | 45.5  | 415.5               | 411    | 5    | 67  | 335    |                              | 720        | 31   |
| SIR15/420   | VI 160420N |                         |               |                   | 332            | 486   | 39 | 462 | 378 | 16                    | 16 | 14     | 14       |     |                    | 34   | 5    | 34   | 34    | 419                 | 421    | 4    | 85  | 340    |                              | 550        | 24   |
| SIR15/420Y  |            |                         |               | I.486.16.00.D.1   | 332            | 486   | 39 | 462 | 378 | 16                    | 16 | φ14    | φ14      |     |                    | 34   | 5    | 34   | 34    | 420                 | 420    | 4    | 85  | 340    |                              | 380        | 24   |
| SIR20/450   |            | 062.20.0450.000.11.1503 |               |                   | 345            | 531   | 55 | 500 | 400 | 16                    | 16 | 15.5   | 15.5     |     |                    | 46   | 9    | 46   | 46    | 449                 | 451    | 5    | 70  | 350    | -0.5                         | 1070       | 38   |
| SIR30/500   |            |                         | 013.30.500.** |                   | 365            | 602   | 80 | 566 | 434 | 20                    | 20 | 18     | 18       |     | 398                | 60   | 10   | 70   | 70    | 501.5               | 498.5  | 5    | 74  | 370    | 0.5                          | 1290       | 75.8 |
| SIR30/500Y  |            |                         | 014.30.500.** |                   | 366            | 602   | 80 | 566 | 434 | 20                    | 20 | 18     | 18       |     | 398                | 60   | 10   | 70   | 70    | 501.5               | 498.5  | 6    | 62  | 372    | 0.5                          | 1290       | 75.8 |
| SIR25/488   |            |                         |               | I.570.25.00.D.1   | 378            | 570   | 70 | 540 | 436 | 18                    | 18 | φ18    | φ18      |     | 410                | 55   | 10   | 60   | 55    | 488                 | 488    | 6    | 65  | 390    |                              | 980        | 54   |
| SIR20/465   |            |                         |               | I.535.22.00.D.3.V | 380            | 535   | 50 | 510 | 420 | 16                    | 16 | φ13    | M12φ1.25 |     |                    | 40   | 5    | 45   | 40    | 466.5               | 464.5  | 4    | 96  | 384    |                              | 1050       | 32   |
| SIR25/489   | VI 250489N |                         |               |                   | 384            | 562   | 55 | 538 | 440 | 40                    | 40 | 14     | 14       |     |                    | 50   | 5    | 50   | 50    | 488                 | 490    | 6    | 66  | 396    |                              | 1080       | 43   |
| SIR25/489Y  |            |                         |               | I.562.25.15.D.1   | 385            | 560   | 60 | 538 | 440 | 30                    | 30 | φ14    | φ14      |     | 418                | 43   | 10   | 50   | 50    | 489                 | 489    | 6    | 66  | 396    |                              | 1050       | 41   |
| SIR30/560   |            |                         | 013.30.560.** |                   | 425            | 662   | 80 | 626 | 494 | 20                    | 20 | 18     | 18       |     | 458                | 60   | 10   | 70   | 70    | 561.5               | 558.5  | 5    | 86  | 430    | 0.5                          | 1440       | 94   |
| SIR30/560Y  |            |                         | 014.30.560.12 |                   | 426.517        | 662   | 80 | 626 | 494 | 20                    | 20 | 18     | 18       |     | 458                | 60   | 10   | 70   | 70    | 561.5               | 558.5  | 6    | 72  | 432    | 0.5                          | 1440       | 94   |
| SIR25/547   |            |                         |               | I.635.25.00.D.3.V | 439.5          | 635   | 60 | 605 | 490 | 24                    | 16 | φ15    | M16φ1.5  |     | 467                | 50   | 5    | 55   | 50    | 547                 | 547    | 6    | 74  | 444    |                              | 1190       | 57   |