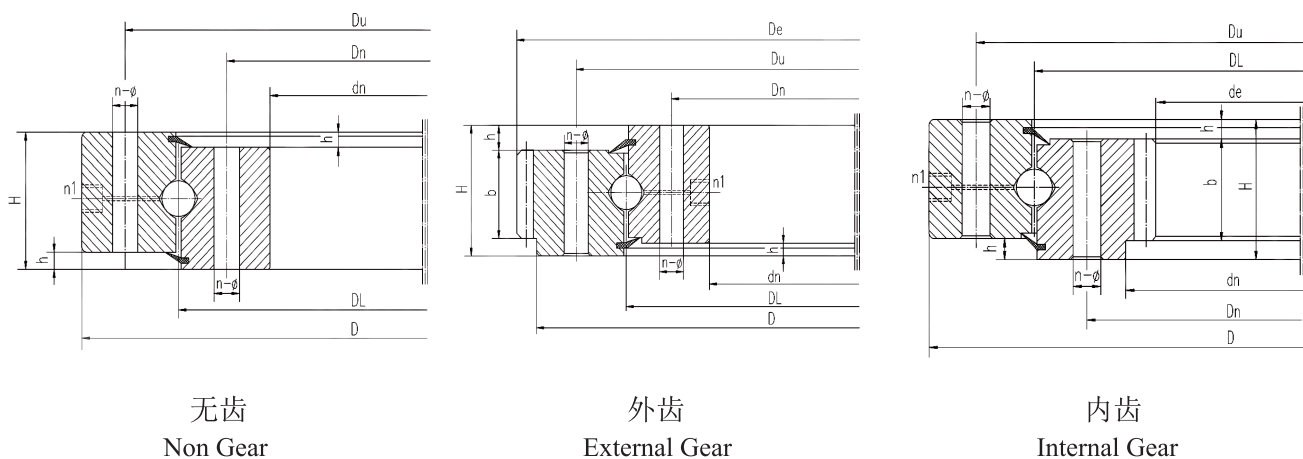


## HS 系列

### 单排四点接触球回转支承 (HS 系列)

### Single row four point contact ball slewing bearing (HS series)



### 结构特点、性能、适用范围

单排四点接触球式回转支承由两个座圈组成，结构紧凑、重量轻、钢球与圆弧滚道四点接触，能同时承受轴向力、径向力和倾翻力矩。回转式输送机、焊接操作机、中小型起重机和挖掘机等工程机械均可选用。

### Structural characteristics, performance and scope of application

The single-row four-point contact spherical slewing bearing is composed of two seat rings. It has compact structure, light weight, and four-point contact between steel ball and arc raceway. It can bear axial force, radial force and overturning moment at the same time. The construction machinery of rotary conveyor, welding manipulator, small and medium-sized crane and excavator can be selected.

| 轴承型号<br>Bearing type |                           |                           | 外形尺寸<br>Boundary dimensions |      |     | 安装孔尺寸<br>Mounting hole diameter |      |    |    | 结构尺寸<br>Structure dimensions |      |    |     | 齿轮参数<br>Gear parameters |                 |          |                 |       | 质量<br>Mass<br>kg |     |
|----------------------|---------------------------|---------------------------|-----------------------------|------|-----|---------------------------------|------|----|----|------------------------------|------|----|-----|-------------------------|-----------------|----------|-----------------|-------|------------------|-----|
| 无齿式<br>Non-gear type | 外齿式<br>External gear type | 内齿式<br>Internal gear type | D                           | dn   | H   | Du                              | Dn   | n  | φ  | n1                           | DL   | H  | b   | m                       | 外齿式<br>Ext gear |          | 内齿式<br>Int gear |       |                  | Z   |
|                      |                           |                           | mm                          |      |     | mm                              |      |    | mm |                              | mm   |    | mm  |                         | X               | De<br>mm | Z               | X     | de<br>mm         |     |
| HSB. 25. 625         | HSW. 25. 625              | HSN. 25. 625              | 725                         | 525  | 80  | 685                             | 565  | 18 | 18 | 3                            | 625  | 12 | 60  | 5                       | +1.25           | 751.9    | 146             | +0.35 | 498.8            | 101 |
|                      | HSW. 25. 625A             | HSN. 25. 625A             |                             |      |     |                                 |      |    |    |                              |      |    |     | 6                       | +1.00           | 755.5    | 122             | +0.35 | 496.7            | 84  |
|                      | HSW. 25. 720              | HSN. 25. 720              | 820                         | 620  | 80  | 780                             | 660  | 18 | 18 | 3                            | 720  | 12 | 60  | 6                       | +1.25           | 860.3    | 139             | +0.35 | 586.6            | 99  |
|                      | HSW. 25. 720A             | HSN. 25. 720A             |                             |      |     |                                 |      |    |    |                              |      |    |     | 8                       | +0.85           | 861.1    | 104             | +0.35 | 582.3            | 74  |
| HSB. 30. 820         | HSW. 30. 820              | HSN. 30. 820              | 940                         | 705  | 95  | 893                             | 749  | 24 | 20 | 4                            | 820  | 12 | 70  | 6                       | +1.25           | 980.4    | 159             | +0.35 | 664.5            | 112 |
|                      | HSW. 30. 820A             | HSN. 30. 820A             |                             |      |     |                                 |      |    |    |                              |      |    |     | 10                      | +0.85           | 986.2    | 95              | +0.35 | 658              | 67  |
|                      | HSW. 30 (32) . 880        | HSN. 30 (32) . 880        | 1000                        | 760  | 95  | 956                             | 800  | 24 | 20 | 4                            | 880  | 12 | 70  | 8                       | +1.0            | 1047.5   | 127             | +0.35 | 718.2            | 91  |
|                      | HSW. 30 (32) . 880A       | HSN. 30 (32) . 880A       |                             |      |     |                                 |      |    |    |                              |      |    |     | 10                      | +0.85           | 1046.3   | 101             | +0.35 | 707.9            | 72  |
| HSB. 30 (32) . 1020  | HSW. 30 (32) . 1020       | HSN. 30 (32) . 1020       | 1170                        | 875  | 95  | 1120                            | 930  | 24 | 22 | 4                            | 1020 | 15 | 70  | 8                       | +1.25           | 1219.3   | 148             | +0.35 | 830.1            | 105 |
|                      | HSW. 30 (32) . 1020A      | HSN. 30 (32) . 1020A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 10                      | +1.00           | 1219.2   | 118             | +0.35 | 827.8            | 84  |
|                      | HSW. 30 (40) . 1220       | HSN. 30 (40) . 1220       | 1365                        | 1075 | 120 | 1310                            | 1130 | 36 | 24 | 6                            | 1220 | 15 | 90  | 10                      | +1.25           | 1424.9   | 138             | +0.35 | 1027.8           | 104 |
|                      | HSW. 30 (40) . 1220A      | HSN. 30 (40) . 1220A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 12                      | +0.85           | 1435.9   | 116             | +0.35 | 1017.3           | 86  |
| HSB. 35 (40) . 1250  | HSW. 35 (40) . 1250       | HSN. 35 (40) . 1250       | 1400                        | 1090 | 120 | 1350                            | 1150 | 36 | 26 | 6                            | 1250 | 15 | 90  | 10                      | +0.35           | 1443     | 143             | +0.35 | 1037             | 105 |
|                      | HSW. 35 (40) . 1250A      | HSN. 35 (40) . 1250A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 12                      | +0.85           | 1449.6   | 117             | +0.35 | 1028.8           | 87  |
|                      | HSW. 35 (40) . 1435       | HSN. 35 (40) . 1435       | 1595                        | 1278 | 120 | 1535                            | 1335 | 36 | 26 | 6                            | 1435 | 15 | 90  | 12                      | +1.0            | 1655.5   | 134             | +0.35 | 1221.1           | 103 |
|                      | HSW. 35 (40) . 1435A      | HSN. 35 (40) . 1435A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 14                      | +0.85           | 1661.2   | 115             | +0.35 | 1214.8           | 88  |
| HSB. 35 (50) . 1540  | HSW. 35 (50) . 1540       | HSN. 35 (50) . 1540       | 1720                        | 1360 | 140 | 1660                            | 1420 | 42 | 26 | 6                            | 1540 | 18 | 110 | 12                      | +1.4            | 1780.8   | 144             | +0.35 | 1293.1           | 109 |
|                      | HSW. 35 (50) . 1540A      | HSN. 35 (50) . 1540A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 14                      | +1.0            | 1791.1   | 124             | +0.35 | 1284.8           | 93  |
|                      | HSW. 35 (50) . 1700       | HSN. 35 (50) . 1700       | 1875                        | 1525 | 140 | 1815                            | 1585 | 42 | 29 | 6                            | 1700 | 18 | 110 | 14                      | +1.0            | 1945.4   | 135             | +0.35 | 1452.7           | 105 |
|                      | HSW. 35 (50) . 1700A      | HSN. 35 (50) . 1700A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 16                      | +1.0            | 1950.8   | 118             | +0.35 | 1452.3           | 92  |
| HSB. 40 (50) . 1880  | HSW. 40 (50) . 1880       | HSN. 40 (50) . 1880       | 2100                        | 1665 | 160 | 2030                            | 1740 | 48 | 32 | 6                            | 1880 | 20 | 115 | 14                      | +1.25           | 2189.8   | 152             | +0.35 | 1592.6           | 115 |
|                      | HSW. 40 (50) . 1880A      | HSN. 40 (50) . 1880A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 18                      | +1.0            | 2194.6   | 118             | +0.35 | 1579.9           | 89  |
|                      | HSW. 40 (50) . 2115       | HSN. 40 (50) . 2115       | 2325                        | 1900 | 160 | 2245                            | 1980 | 48 | 32 | 6                            | 2115 | 20 | 115 | 16                      | +1.25           | 2406.5   | 146             | +0.35 | 1804.1           | 114 |
|                      | HSW. 40 (50) . 2115A      | HSN. 40 (50) . 2115A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 20                      | +1.0            | 2418.4   | 117             | +0.35 | 1795.4           | 91  |
| HSB. 40 (60) . 2370  | HSW. 40 (60) . 2370       | HSN. 40 (60) . 2370       | 2600                        | 2146 | 180 | 2520                            | 2220 | 48 | 32 | 6                            | 2370 | 22 | 130 | 18                      | +1.25           | 2307.3   | 146             | +0.35 | 2065.6           | 116 |
|                      | HSW. 40 (60) . 2370A      | HSN. 40 (60) . 2370A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 22                      | +1.0            | 2704.4   | 119             | +0.35 | 2040.9           | 94  |
|                      | HSW. 40 (60) . 2600       | HSN. 40 (60) . 2600       | 2835                        | 2365 | 180 | 2750                            | 2450 | 54 | 36 | 6                            | 2600 | 22 | 130 | 18                      | +1.25           | 2941.7   | 159             | +0.35 | 2263.5           | 127 |
|                      | HSW. 40 (60) . 2600A      | HSN. 40 (60) . 2600A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 22                      | +1.0            | 2946.9   | 130             | +0.35 | 2260.8           | 104 |
| HSB. 50 (60) . 2820  | HSW. 50 (60) . 2820       | HSN. 50 (60) . 2820       | 3085                        | 2555 | 200 | 3000                            | 2640 | 54 | 36 | 6                            | 2820 | 22 | 150 | 20                      | +1.25           | 3188.4   | 155             | +0.35 | 2455             | 124 |
|                      | HSW. 50 (60) . 2820A      | HSN. 50 (60) . 2820A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 25                      | +1.0            | 3198.4   | 124             | +0.35 | 2444.1           | 99  |
|                      | HSW. 50 (60) . 3120       | HSN. 50 (60) . 3120       | 3400                        | 2840 | 200 | 3310                            | 2930 | 54 | 36 | 6                            | 3120 | 22 | 150 | 22                      | +1.25           | 3507.2   | 155             | +0.35 | 2722             | 125 |
|                      | HSW. 50 (60) . 3120A      | HSN. 50 (60) . 3120A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 25                      | +1.25           | 3509.6   | 136             | +0.35 | 2719             | 110 |
| HSB. 50 (60) . 3580  | HSW. 50 (60) . 3580       | HSN. 50 (60) . 3580       | 3920                        | 3240 | 240 | 3820                            | 3340 | 60 | 40 | 6                            | 3580 | 22 | 190 | 22                      | +1.25           | 4036.1   | 179             | +0.35 | 3118.4           | 143 |
|                      | HSW. 50 (60) . 3580A      | HSN. 50 (60) . 3580A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 25                      | +1.25           | 4035.6   | 157             | +0.35 | 3118.8           | 126 |
|                      | HSW. 50 (60) . 4030       | HSN. 50 (60) . 4030       | 4370                        | 3690 | 240 | 4270                            | 3790 | 66 | 40 | 6                            | 4030 | 22 | 190 | 22                      | +1.25           | 4520.6   | 201             | +0.35 | 3558.3           | 163 |
|                      | HSW. 50 (60) . 4030A      | HSN. 50 (60) . 4030A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 28                      | +1.25           | 4522     | 157             | +0.35 | 3549             | 128 |
| HSB. 50 (60) . 4540  | HSW. 50 (60) . 4540       | HSN. 50 (60) . 4540       | 4860                        | 4210 | 240 | 4760                            | 4310 | 72 | 40 | 6                            | 4540 | 22 | 190 | 22                      | +1.25           | 4983     | 222             | +0.35 | 4042.2           | 185 |
|                      | HSW. 50 (60) . 4540A      | HSN. 50 (60) . 4540A      |                             |      |     |                                 |      |    |    |                              |      |    |     | 30                      | +1.25           | 4992.9   | 162             | +0.35 | 4042.4           | 136 |