行程轴承：ST
可进行旋转运动，有限直线运动及复合运动。
所有型号均可根据客户要求做镀镍处理，有防锈作用。
Ordinary type：ST
ST stroke bearing is a linear and rotational motion mechanism utilizing，
the rotational motion of ball elements between an outer cylinder and a shaft．
All models can be done with nickle plated according to customers＇requirements，
with function of rust－proo


ST

| $\begin{aligned} & \text { 型号 } \\ & \text { Model } \end{aligned}$ | 最大行程 Maximum stroke mm | 钢球列数 Number of rows | 主要尺寸和公差 Major dimensions and tolerance |  |  |  |  |  |  |  |  |  |  | Basic loadrating |  | $\begin{gathered} \text { 重量 } \\ \text { Weight } \\ (\mathrm{g}) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | dr |  | D |  | L |  | $\ell$ | T | t | d |  | 动负荷 Dynamic CN | 静负荷 <br> Stric Con |  |
|  |  |  | mm | $\underset{\substack{\text { Tolerance } \\ \mu \mathrm{m}}}{\substack{\text { 差 }}}$ | mm | $\begin{array}{\|c\|} \hline \text { 公差 } \\ \substack{\text { Tonces }} \\ \hline \end{array}$ | mm | $\begin{gathered} \substack{\text { 公差 } \\ \text { T } \\ \mu \mathrm{m}} \end{gathered}$ | mm |  |  |  | m |  |  |  |
| ST | 20 | 3 | 6 | $\begin{aligned} & +22 \\ & +13 \\ & +12 \end{aligned}$ | 12 | $\begin{gathered} 0 \\ -11 \end{gathered}$ | 20 | $\begin{gathered} 0 \\ -200 \end{gathered}$ | 11.3 | 1.1 | 0.5 | 1 | 0.5 | 147 | 216 | 8.9 |
| ST 8 | 24 | 3 | 8 |  | 15 |  | 24 |  | 17.1 | 1.5 | 0.5 | 1.2 | 0.5 | 245 | 343 | 15.6 |
| ST 10 | 30 | 3 | 10 |  | 19 | $\begin{gathered} 0 \\ -13 \end{gathered}$ | 30 |  | 22.7 | 1.5 | 0.5 | 1.2 | 0.5 | 461 | 637 | 28.8 |
| ST 12 | 32 | 3 | 12 | $\begin{aligned} & +27 \\ & +16 \end{aligned}$ | 23 |  | 32 |  | 24.5 | 1.5 | 0.5 | 1.2 | 0.5 | 813 | 1，070 | 42 |
| ST 13 | 32 | 3 | 13 |  | 23 |  | 32 |  | 24.5 | 1.5 | 0.5 | 1.2 | 0.5 | 813 | 1，070 | 39.8 |
| ST 16 | 40 | 3 | 16 |  | 28 |  | 37 |  | 29.1 | 1.5 | 0.7 | 1.3 | 0.5 | 990 | 1，180 | 71 |
| ST 20 | 50 | 3 | 20 | $\begin{aligned} & +33 \\ & +20 \end{aligned}$ | 32 | $\begin{gathered} 0 \\ -16 \end{gathered}$ | 45 |  | 35.8 | 2 | 0.7 | 1.5 | 0.5 | 1，170 | 1，260 | 99 |
| ST 25 | 50 | 3 | 25 |  | 37 |  | 45 |  | 35.8 | 2 | 0.7 | 1.6 | 1 | 1，330 | 1，330 | 117 |
| ST 30 | 82 | 3 | 30 |  | 45 |  | 65 | $\begin{gathered} 0 \\ -300 \end{gathered}$ | 53.5 | 2.5 | 1 | 2 | 1 | 2，990 | 3，140 | 205 |
| ST 35 | 92 | 3 | 35 | $\begin{aligned} & +41 \\ & +25 \end{aligned}$ | 52 | $\begin{gathered} 0 \\ -19 \end{gathered}$ | 70 |  | 58.5 | 2.5 | 1 | 2 | 1.5 | 3，140 | 3，530 | 329 |
| ST 40 | 108 | 3 | 40 |  | 60 |  | 80 |  | 68.3 | 2.5 | 1 | 2 | 1.5 | 4，120 | 4，800 | 516 |
| ST 50 | 138 | 3 | 50 |  | 72 |  | 100 |  | 86.4 | 3 | 1 | 2.5 | 1.5 | 5，540 | 6，910 | 827 |
| ST 60 | 138 | 3 | 60 | $\stackrel{+49}{+30}$ | 85 | $\begin{gathered} 0 \\ -22 \end{gathered}$ | 100 |  | 86.4 | 3 | 1 | 2.5 | 2 | 5，980 | 8，230 | 1，240 |
| ST 80 | 132 | 3 | 80 |  | 110 |  | 100 | $\begin{gathered} 0 \\ -400 \end{gathered}$ | 86 | 3 | 1.5 | 2.5 | 2 | 7，840 | 12，200 | 2，050 |
| ST100 | 132 | 3 | 100 | ＋58／＋36 | 130 | 0／－25 | 100 |  | 86 | 3 | 1.5 | 2.5 | 2 | 8，430 | 14，700 | 2，440 |

ST20 M M 镩镍 Nickle plated

## 重负荷型：ST‥B

Heavy duty type：ST $\cdots$ B


ST $\cdots$ B

| 型号Model | 最大行得 <br> Maximum <br> strokemm | 钢球列数 Number of rows | 主要尺寸和公差 Major dimensions and tolerance |  |  |  |  |  |  |  |  |  |  | Basictoadrating |  | Weight <br> （g） |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | dr |  | D |  | L |  | $\ell$ | T | t | d |  | 动负荷 CN | 静负荷 Static Con |  |
|  |  |  | mm | $\underset{\substack{\text { Tolerance } \\ \mu \mathrm{m}}}{\text { 美 }}$ | mm | $\begin{gathered} \substack{\text { 公差 } \\ \text { Tolerance } \\ \text { um }} \end{gathered}$ | mm | $\underset{\substack{\text { Tolearance } \\ \mathrm{Tm}}}{\substack{\text { 坌 }}}$ | mm |  |  |  | mm |  |  |  |
| ST 8B | 8 | 6 | 8 | $\begin{aligned} & +22 \\ & +13 \end{aligned}$ | 15 | 0／－11 | 24 | $\begin{gathered} 0 \\ -200 \end{gathered}$ | 17.1 | 1.5 | 0.5 | 1.2 | 0.5 | 490 | 549 | 16.8 |
| ST 10 B | 8 | 6 | 10 |  | 19 | $\begin{gathered} 0 \\ -13 \end{gathered}$ | 30 |  | 22.7 | 1.5 | 0.5 | 1.2 | 0.5 | 931 | 1，030 | 31.2 |
| ST 12 B | 8 | 6 | 12 | $\begin{aligned} & +27 \\ & +16 \end{aligned}$ | 23 |  | 32 |  | 24.5 | 1.5 | 0.5 | 1.2 | 0.5 | 1，630 | 1，720 | 46 |
| ST 16 B | 16 | 6 | 16 |  | 28 |  | 37 |  | 29.1 | 1.5 | 0.7 | 1.3 | 0.5 | 1，910 | 1，980 | 75 |
| ST 20B | 20 | 6 | 20 | $\begin{aligned} & +33 \\ & +20 \end{aligned}$ | 32 | $\begin{gathered} 0 \\ -16 \end{gathered}$ | 45 |  | 35.8 | 2 | 0.7 | 1.5 | 0.5 | 2，060 | 2，320 | 106 |
| ST 25B | 20 | 6 | 25 |  | 37 |  | 45 | $\begin{gathered} 0 \\ -300 \end{gathered}$ | 35.8 | 2 | 0.7 | 1.6 | 1 | 2，170 | 2，670 | 125 |
| ST ${ }^{\text {30B }}$ | 44 | 6 | 30 |  | 45 |  | 65 |  | 53.5 | 2.5 | 1 | 2 | 1 | 4，800 | 6，270 | 220 |
| ST 35 B | 54 | 6 | 35 | $\begin{aligned} & +41 \\ & +25 \end{aligned}$ | 52 | $\begin{gathered} 0 \\ -19 \end{gathered}$ | 70 |  | 58.5 | 2.5 | 1 | 2 | 1.5 | 5，050 | 7，060 | 346 |
| ST 40B | 66 | 6 | 40 |  | 60 |  | 80 |  | 68.3 | 2.5 | 1 | 2 | 1.5 | 6，710 | 9，560 | 540 |
| ST 50B | 88 | 6 | 50 |  | 72 |  | 100 |  | 86.4 | 3 | 1 | 2.5 | 1.5 | 8，970 | 13，800 | 862 |
| ST 60 B | 88 | 6 | 60 | +49+30 | 85 | 0-22 | 100 |  | 86.4 | 3 | 1 | 2.5 | 2 | 9，700 | 16，500 | 1，290 |
| ST 80 B | 76 | 6 | 80 |  | 110 |  | 100 | $\begin{gathered} 0 \\ -400 \end{gathered}$ | 86 | 3 | 1.5 | 2.5 | 2 | 12，700 | 24，300 | 2，110 |
| ST100B | 76 | 6 | 100 | ＋58／＋36 | 130 | 0／－25 | 100 |  | 86 | 3 | 1.5 | 2.5 | 2 | 13，700 | 29，400 | 2，520 |

[^0]$\mathrm{N} \approx 0.102 \mathrm{kgf}$


[^0]:    

    ``` type
    ```

