

# **Crossed Roller Linear Bearing Railsets**

# **RSDE – ACC type**

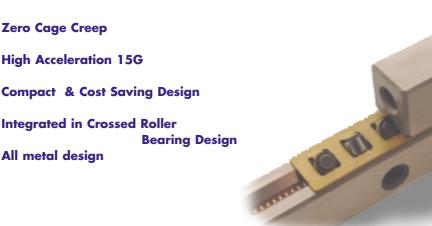


Linear Bearings

### **PM - BEARINGS**







#### The Problem Creeping of the Cage

Shorter production times constantly push machine designers to reach higher speeds, decrease the size and weight of their designs, while increasing machine travel and positioning accuracy to its limits.

Cage creep can occur in non-recirculating linear bearing applications where vibrations, improper mounting, very high-acceleration and de-acceleration, inadequate tolerances on the mounting surfaces, uneven preloading or moment loading is present.

As the cage creeps out from original position there is an increase of friction, reduction of travel length and premature wear of the linear bearings. This shortens the lifetime and can lead to premature failures.

#### Our Solution = the ACC-Solution

Our engineers refreshed a superior solution for use in hightech and extreme dynamic applications. The ACC solution has proven its ability for decades to prevent cage creep in the most demanding applications and under the most severe environment conditions. The ACC system is integrated in the design of the linear bearing without influencing the external boundary or mounting dimensions. This allows you to replace the bearings in existing problem applications with the ACC solution.

#### The test results prove:

- No increase of friction
- No reduction of accuracy
- No influence of lubrication
- Increase operational life to its limits
- Zero cage creeping
- For all mounting orientations
- Easy to assemble

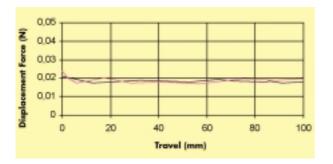




The **ACC** system is the best and most effective solution available. Precision rails with **ACC** option are currently available with the RSDE-series in all accuracy grades.

#### **Friction Force**

The **ACC** solution is designed and manufactured with the greatest care. Therefore, as you can see on the graph below, the force that must be applied to overcome friction is essentially unchanged.



### Applications

The **ACC** solution is well suited for the high speed, high precision demands of the electronics and semiconductor industry for applications like wire bonding stages and pick-and place units



#### For more information

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#### **Operating Temperature**

Linear bearings with **ACC** solution can operate under temperatures of -40°C up to +80°C. This is a significant advantage over similar systems using plastic components.

### Acceleration

Max. acceleration =  $150 \text{ m/s}^2$  (15G)



Standard linear bearing railset with ACC solution consists of:

4 pcs. Guideways type **RSDE** with **ACC** 

 ${\bf 2}$  pcs. Rollercages type  ${\bf RE}$  with  ${\bf ACC}$  (rollers retained) End screws not necessary

Optional: End screws GA (catalog linear bearings, RSDE type) Attachment screws GD

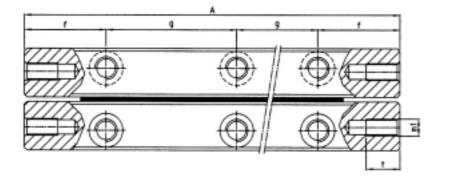
World leading manufacturers have selected the **ACC**-system as the best anti cage creep solution available in the market. Our all metal design provides dependable service in the most demanding applications where other designs that contain plastic components may fail.

### Singapore PM – PBA Pte. Ltd.

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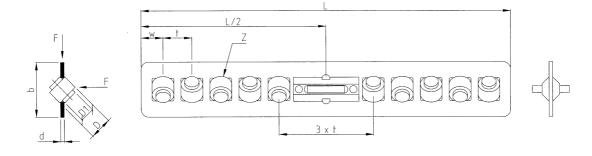


(one set consists of: 4 guideways + 2 roller cages, both with ACC option)

| D  | Main d     |    |    | F    |   |      | ing holes         | 1                   |     |      |      |     | Endholes |     |     |
|--|------------|----|----|------|---|------|-------------------|---------------------|-----|------|------|-----|----------|-----|-----|
| Part no.   | A          | В  | С  | E    | D | f    | g                 | h                   | k   | m    | р    | r   | ml       | S   | t   |
| RSDE- 3050 x 6RE - ACC<br>RSDE- 3075 x 8RE - ACC   | 50<br>75   |    |    |      |   |      | 1 x 25<br>2 x 25  |                     |     |      |      |     |          |     |     |
| RSDE- 3100 x 12RE - ACC                            | 100        |    |    |      |   |      | 3 x 25            |                     |     |      |      |     |          |     |     |
| RSDE- 3125 x 14RE - ACC                            | 125        |    |    |      |   |      | 4 x 25            |                     |     |      |      |     |          |     |     |
| RSDE- 3150 x 18RE - ACC                            | 150        |    |    |      |   |      | 5 x 25            |                     |     |      |      |     |          |     |     |
| RSDE- 3175 x 22RE - ACC                            | 175        | 18 | 8  | 8.6  | 3 | 12.5 | 6 x 25            | 3.5 <sup>±0.2</sup> | 3.2 | M4   | 6    | 3.2 | M3       | 4.1 | 5.5 |
| RSDE- 3200 x 26RE - ACC                            | 200        |    |    |      |   |      | 7 x 25            |                     |     |      |      |     |          |     |     |
| RSDE- 3225 × 30RE – ACC<br>RSDE- 3250 × 34RE – ACC | 225<br>250 |    |    |      |   |      | 8 x 25<br>9 x 25  |                     |     |      |      |     |          |     |     |
| RSDE- 3275 x 36RE - ACC                            | 275        |    |    |      |   |      | 9 x 25<br>10 x 25 |                     |     |      |      |     |          |     |     |
| RSDE- $3300 \times 40$ RE - ACC                    | 300        |    |    |      |   |      | 10 x 25           |                     |     |      |      |     |          |     |     |
| RSDE- 4080 x 6RE – ACC                             | 80         |    |    |      |   |      | 1 x 40            |                     |     |      |      |     |          |     |     |
| RSDE- 4120 x 10RE - ACC                            | 120        |    |    |      |   |      | 2 × 40            |                     |     |      |      |     |          |     |     |
| RSDE- 4160 × 14RE – ACC                            | 160        |    |    |      |   |      | 3 x 40            |                     |     |      |      |     |          |     |     |
| RSDE- 4200 x 18RE - ACC                            | 200        | 00 |    | 10.4 | 4 | 20   | 4 × 40            | 1 E+0.2             | 4.0 |      | 7 5  | 4 1 |          | F   | 7   |
| RSDE- 4240 × 22RE – ACC<br>RSDE- 4280 × 26RE – ACC | 240<br>280 | 22 | 11 | 10.6 | 4 | 20   | 5 x 40<br>6 x 40  | 4.5 <sup>±0.2</sup> | 4.Z | C/VI | C. / | 4.1 | M3       | С   | 7   |
| RSDE- 4320 x 30RE - ACC                            | 320        |    |    |      |   |      | 7 x 40            |                     |     |      |      |     |          |     |     |
| RSDE- 4360 × 34RE – ACC                            | 360        |    |    |      |   |      | 8 x 40            |                     |     |      |      |     |          |     |     |
| RSDE- 4400 x 38RE - ACC                            | 400        |    |    |      |   |      | 9 x 40            |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |
|  |            |    |    |      |   |      |                   |                     |     |      |      |     |          |     |     |





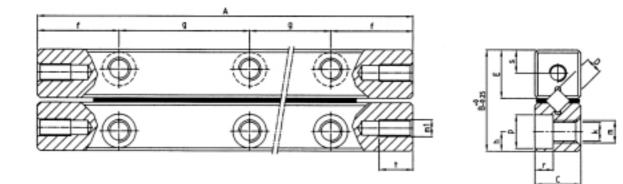


| ing     F (N)     b     d     D1     t     w     Z     L     Stroke     Part no.       116     4704     -     -     6     40     20     RSDE 3050 x 6RE - ACC       210     9408     -     12     70     60     RSDE 3100 x 12RE - ACC       259     10976     -     14     80     90     RSDE 3150 x 18RE - ACC       310     14112     7     0.5     2     5     2.5     18     100     100     RSDE 3150 x 18RE - ACC       365     17248     -     22     120     110     RSDE 3150 x 18RE - ACC       405     20384     -     -     26     140     120     RSDE 3150 x 18RE - ACC       507     26556     -     -     30     160     130     RSDE 3225 x 36RE - ACC       605     31360     -     -     36     190     170     RSDE 3225 x 36RE - ACC       630     21980     -     -     36     190     170     RSDE 4080 x 6R   | Weight | Dyn. load rating | Rolle | er cage |    |   |     |              |     |        |                         |
|--|--------|------------------|-------|---------|----|---|-----|--------------|-----|--------|-------------------------|
| 116     4704     6     40     20     RSDE 3050 × 6RE - ACC       161     6272     8     50     50     RSDE 3075 × 8RE - ACC       210     9408     12     70     60     RSDE 3100 × 12RE - ACC       310     14112     7     0.5     2     5     18     100     100     RSDE 3150 × 18RE - ACC       365     17248     22     120     110     RSDE 3150 × 18RE - ACC       405     20384     26     140     120     RSDE 3205 × 30RE - ACC       507     26656     34     180     140     RSDE 3205 × 30RE - ACC       505     28224     36     190     170     RSDE 3250 × 30RE - ACC       605     31360     40     210     180     RSDE 4000 × 40RE - ACC       475     15700     6     57     48     RSDE 4100 × 10RE - ACC       630     21980     14     113     96     RSDE 4100 × 10RE - ACC       788     28260     9     0.5     3     7     4     22 <td>-</td> <td>, ,</td> <td></td> <td>0</td> <td>D1</td> <td>t</td> <td>W</td> <td>Z</td> <td>L</td> <td>Stroke</td> <td>Part no.</td> | -      | , ,              |       | 0       | D1 | t | W   | Z            | L   | Stroke | Part no.                |
| 161   6272   8   50   S0   RSDE 3075 x 8RE - ACC     210   9408   12   70   60   RSDE 3100 x 12RE - ACC     259   10976   14   80   90   RSDE 3125 x 14RE - ACC     310   14112   7   0.5   2   5   2.5   18   100   100   RSDE 3152 x 14RE - ACC     365   17248   22   120   110   RSDE 3175 x 22RE - ACC     405   20384   26   140   120   RSDE 3202 x 26RE - ACC     457   23520   30   160   130   RSDE 3225 x 30RE - ACC     507   26656   34   180   140   RSDE 3205 x 34RE - ACC     555   28224   36   190   170   RSDE 3200 x 26RE - ACC     605   31360   40   210   180   RSDE 4080 x 6RE - ACC     475   15700   10   85   72   RSDE 4120 x 10RE - ACC     630   21980   14   113   96   RSDE 4200 x 14RE - ACC     788   28260   18   141   120   RSDE 420  |        |                  |       |         |    |   |     | no. of rolle | ers |        |                         |
| 210   9408   12   70   60   RSDE 3100 × 12RE - ACC     259   10976   14   80   90   RSDE 3125 × 14RE - ACC     310   14112   7   0.5   2   5   2.5   18   100   100   RSDE 3150 × 18RE - ACC     365   17248   22   120   110   RSDE 3150 × 18RE - ACC     405   20384   26   140   120   RSDE 320 × 28RE - ACC     457   23520   30   160   130   RSDE 3225 × 30RE - ACC     507   26656   34   180   140   RSDE 3250 × 34RE - ACC     555   28224   36   190   170   RSDE 3200 × 26RE - ACC     603   31360   -   -   40   210   180   RSDE 300 × 40RE - ACC     317   9420   -   -   6   57   48   RSDE 4080 × 6RE - ACC     317   9420   -   -   10   85   72   RSDE 4120 × 10RE - ACC     34   21590   -   14   113   96   RSDE 4200 × 22RE - ACC <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td><td>40</td><td>20</td><td>RSDE- 3050 × 6RE – ACC</td></tr<>   |        |                  |       |         |    |   |     | 6            | 40  | 20     | RSDE- 3050 × 6RE – ACC  |
| 259     10976     14     80     90     RSDE 3125 × 14RE - ACC       310     14112     7     0.5     2     5     2.5     18     100     100     RSDE 3125 × 14RE - ACC       365     17248     22     120     110     RSDE 3175 × 22RE - ACC       405     20384     26     140     120     RSDE 3200 × 26RE - ACC       507     26656     34     180     140     RSDE 3205 × 30RE - ACC       507     26656     34     180     140     RSDE 3205 × 30RE - ACC       605     31360  |        |                  |       |         |    |   |     |              | 50  | 50     |                         |
| 310   14112   7   0.5   2   5   2.5   18   100   100   RSDE-3150 × 18RE - ACC     365   17248   22   120   110   RSDE-3175 × 22RE - ACC     405   20384   26   140   120   RSDE-3200 × 26RE - ACC     457   23520   30   160   130   RSDE-3255 × 30RE - ACC     507   26656   34   180   140   RSDE-3255 × 36RE - ACC     605   31360   40   210   180   RSDE-3255 × 36RE - ACC     605   31360   40   210   180   RSDE-3200 × 40RE - ACC     7   9420   6   57   48   RSDE-4080 × 6RE - ACC     475   15700   10   85   72   RSDE-4160 × 14RE - ACC     788   28260   18   141   120   RSDE-4200 × 18RE - ACC     788   28260   2   169   144   RSDE-4200 × 22RE - ACC     1112   40820   2   169   144   RSDE-4200 × 22RE - ACC     1259   47100   30   225   192   RSD  |        |                  |       |         |    |   |     |              |     |        |                         |
| 365   17248   22   120   110   RSDE: 3175 × 22RE - ACC     405   20384   26   140   120   RSDE: 3200 × 26RE - ACC     457   23520   30   160   130   RSDE: 3225 × 30RE - ACC     507   26656   34   180   140   RSDE: 3225 × 30RE - ACC     605   31360   40   210   180   RSDE: 3205 × 34RE - ACC     475   15700   6   57   48   RSDE: 3300 × 40RE - ACC     630   21980   140   RSDE: 3300 × 40RE - ACC   40   210   180   RSDE: 4120 × 10RE - ACC     788   28260   14   113   96   RSDE: 4120 × 10RE - ACC   1112   40820   18   141   120   RSDE: 4200 × 22RE - ACC     1112   40820   9   0.5   3   7   4   22   169   144   RSDE: 4200 × 22RE - ACC     1112   40820   9   0.5   3   7   4   22   169   144   RSDE: 4200 × 22RE - ACC     1259   47100   30   225   192   RSDE: 4320 ×   |        |                  |       |         |    |   |     |              |     |        |                         |
| 405   20384   26   140   120   RSDE 3200 × 26RE - ACC     457   23520   30   160   130   RSDE 3225 × 30RE - ACC     507   26656   34   180   140   RSDE 3250 × 34RE - ACC     555   28224   36   190   170   RSDE 3205 × 36RE - ACC     605   31360   40   210   180   RSDE 4300 × 40RE - ACC     317   9420   6   57   48   RSDE 4080 × 6RE - ACC     475   15700   10   85   72   RSDE 4080 × 6RE - ACC     630   21980   14   113   96   RSDE 4120 × 10RE - ACC     788   28260   18   141   120   RSDE 4200 × 18RE - ACC     945   34540   9   0.5   3   7   4   22   169   144   RSDE 4200 × 18RE - ACC     1112   40820   26   197   168   RSDE 4280 × 26RE - ACC   1259   47100   30   225   192   RSDE 4320 × 30RE - ACC     1259   47100   38   281   240   RSDE 4360 × 34RE - AC   |        | 14112            | 7     | 0.5     | 2  | 5 | 2.5 |              | 100 |        |                         |
| 457   23520   30   160   130   RSDE- 3225 × 30RE - ACC     507   26656   34   180   140   RSDE- 3250 × 34RE - ACC     555   28224   36   190   170   RSDE- 3275 × 36RE - ACC     605   31360   40   210   180   RSDE- 3200 × 40RE - ACC     317   9420   6   57   48   RSDE- 4080 × 6RE - ACC     475   15700   10   85   72   RSDE- 4100 × 10RE - ACC     630   21980   14   113   96   RSDE- 4160 × 14RE - ACC     788   28260   18   141   120   RSDE- 4200 × 12RE - ACC     788   28260   18   141   120   RSDE- 4200 × 22RE - ACC     1112   40820   26   197   168   RSDE- 4280 × 26RE - ACC     1259   47100   30   225   192   RSDE- 4320 × 30RE - ACC     1416   53380   34   253   216   RSDE- 4360 × 34RE - ACC     1573   59660   38   281   240   RSDE- 4400 × 38RE - ACC   |        | 17248            |       |         |    |   |     | 22           | 120 | 110    | RSDE- 3175 x 22RE – ACC |
| 507     26656     34     180     140     RSDE-3250 × 34RE - ACC       555     28224     36     190     170     RSDE-3275 × 36RE - ACC       605     31360     40     210     180     RSDE-3300 × 40RE - ACC       317     9420     6     57     48     RSDE-4080 × 6RE - ACC       475     15700     10     85     72     RSDE-4120 × 10RE - ACC       630     21980     14     113     96     RSDE-4100 × 14RE - ACC       788     28260     18     141     120     RSDE-4200 × 18RE - ACC       945     34540     9     0.5     3     7     4     22     169     144     RSDE-4200 × 18RE - ACC       1112     40820     26     197     168     RSDE-4320 × 30RE - ACC       1259     47100     30     225     192     RSDE-4300 × 34RE - ACC       1416     53380     34     253     216     RSDE-4300 × 34RE - ACC       1573     59660     38     281     240     RSDE-4400   |        | 20384            |       |         |    |   |     |              |     |        |                         |
| 555     28224     36     190     170     RSDE-3275 × 36RE - ACC       605     31360     40     210     180     RSDE-3300 × 40RE - ACC       317     9420     6     57     48     RSDE-4080 × 6RE - ACC       475     15700     10     85     72     RSDE-4120 × 10RE - ACC       630     21980     14     113     96     RSDE-4160 × 14RE - ACC       788     28260     18     141     120     RSDE-4200 × 18RE - ACC       945     34540     9     0.5     3     7     4     22     169     144     RSDE-4200 × 18RE - ACC       945     34540     9     0.5     3     7     4     22     169     144     RSDE-4200 × 22RE - ACC       1112     40820     26     197     168     RSDE-4320 × 30RE - ACC     1259     47100     30     225     192     RSDE-4320 × 30RE - ACC       1259     47100     38     281     240     RSDE-4400 × 38RE - ACC       1573     59660  |        | 23520            |       |         |    |   |     |              |     |        |                         |
| 605     31360     40     210     180     RSDE-3300 × 40RE - ACC       317     9420     6     57     48     RSDE-4080 × 6RE - ACC       475     15700     10     85     72     RSDE-4120 × 10RE - ACC       630     21980     14     113     96     RSDE-4160 × 14RE - ACC       788     28260     18     141     120     RSDE-4200 × 18RE - ACC       945     34540     9     0.5     3     7     4     22     169     144     RSDE-4200 × 22RE - ACC       1112     40820     26     197     168     RSDE-4280 × 26RE - ACC       1259     47100     30     225     192     RSDE-4320 × 30RE - ACC       1416     53380     34     253     216     RSDE-4400 × 38RE - ACC       1573     59660     38     281     240     ×38RE - ACC   |        |                  |       |         |    |   |     | 34           | 180 |        |                         |
| 317     9420     6     57     48     RSDE-4080 × 6RE – ACC       475     15700     10     85     72     RSDE-4120 × 10RE – ACC       630     21980     14     113     96     RSDE-4160 × 14RE - ACC       788     28260     18     141     120     RSDE-4160 × 14RE - ACC       945     34540     9     0.5     3     7     4     22     169     144     RSDE-4200 × 18RE - ACC       1112     40820     26     197     168     RSDE-4200 × 22RE - ACC       1259     47100     30     225     192     RSDE-4320 × 30RE - ACC       1416     53380     34     253     216     RSDE-4360 × 34RE - ACC       1573     59660     38     281     240     RSDE-4400 × 38RE - ACC  |        | 28224            |       |         |    |   |     |              |     |        | RSDE- 3275 × 36RE – ACC |
| 475   15700     630   21980     788   28260     945   34540     9   0.5   3   7   4   22   169   144   RSDE- 4160 × 14RE - ACC     1112   40820   18   141   120   RSDE- 4200 × 18RE - ACC     1259   47100   26   197   168   RSDE- 4200 × 22RE - ACC     1416   53380   34   253   216   RSDE- 4320 × 30RE - ACC     1573   59660   38   281   240   RSDE- 4400 × 38RE - ACC   | 605    |                  |       |         |    |   |     | 40           | 210 | 180    | RSDE- 3300 × 40RE - ACC |
| 630   21980   14   113   96   RSDE-4160 × 14RE - ACC     788   28260   18   141   120   RSDE-4200 × 18RE - ACC     945   34540   9   0.5   3   7   4   22   169   144   RSDE-4200 × 18RE - ACC     1112   40820   26   197   168   RSDE-4280 × 26RE - ACC   30   225   192   RSDE-4320 × 30RE - ACC     1259   47100   338   281   240   RSDE-4360 × 34RE - ACC   38   281   240   RSDE-4360 × 34RE - ACC     1573   59660   38   281   240   RSDE-4400 × 38RE - ACC   |        |                  |       |         |    |   |     |              |     |        | RSDE-4080 × 6RE – ACC   |
| 788   28260   9   0.5   3   7   4   22   169   144   RSDE-4200 × 18RE - ACC     1112   40820   26   197   168   RSDE-4280 × 26RE - ACC     1259   47100   30   225   192   RSDE-4320 × 30RE - ACC     1416   53380   34   253   216   RSDE-4360 × 34RE - ACC     1573   59660   38   281   240   RSDE-4400 × 38RE - ACC  |        |                  |       |         |    |   |     |              |     |        |                         |
| 945   34540   9   0.5   3   7   4   22   169   144   RSDE-4240 × 22RE – ACC     1112   40820   26   197   168   RSDE-4280 × 26RE – ACC     1259   47100   30   225   192   RSDE-4320 × 30RE – ACC     1416   53380   34   253   216   RSDE-4360 × 34RE – ACC     1573   59660   38   281   240   RSDE-4400 × 38RE – ACC     1573   59660   157   168   RSDE-4400 × 38RE – ACC  |        |                  |       |         |    |   |     |              |     |        |                         |
| 1112   40820   26   197   168   RSDE-4280 × 26RE - ACC     1259   47100   30   225   192   RSDE-4320 × 30RE - ACC     1416   53380   34   253   216   RSDE-4360 × 34RE - ACC     1573   59660   38   281   240   RSDE-4400 × 38RE - ACC  |        |                  |       |         |    |   |     |              |     |        |                         |
| 1259   47100   30   225   192   RSDE-4320 × 30RE – ACC     1416   53380   34   253   216   RSDE-4360 × 34RE – ACC     1573   59660   38   281   240   RSDE-4400 × 38RE – ACC   | 945    | 34540            | 9     | 0.5     | 3  | 7 | 4   | 22           | 169 | 144    | RSDE- 4240 × 22RE – ACC |
| 1416   53380   34   253   216   RSDE- 4360 × 34RE - ACC     1573   59660   38   281   240   RSDE- 4400 × 38RE - ACC  |        |                  |       |         |    |   |     |              |     |        |                         |
| 1573 59660 38 281 240 RSDE- 4400 × 38RE – ACC  |        |                  |       |         |    |   |     |              |     |        |                         |
|  | 1416   | 53380            |       |         |    |   |     |              | 253 | 216    | RSDE- 4360 × 34RE – ACC |
| Units: mm  | 1573   | 59660            |       |         |    |   |     | 38           | 281 | 240    | RSDE- 4400 × 38RE – ACC |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
| Units: mm  |        |                  |       |         |    |   |     |              |     |        |                         |
|  |        |                  |       |         |    |   |     |              |     |        | Units: mm               |

1 mm = 0.039 Inch 1 N = 0.102 kgf



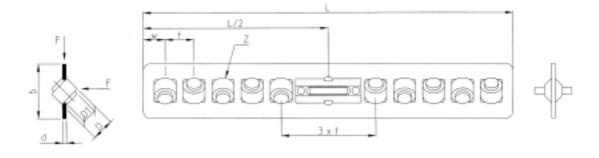




| Part no.   | Main<br>A   | dime<br>B | nsions<br>C | E E  | D | Moi<br>f | unting holes<br>g  | h     | k   | m  | р   | r   | Endh<br>m 1 |     | t   |
|--|---|-----------|-------------|------|---|----------|--|-------|-----|----|-----|-----|-------------|-----|-----|
| RSDE-6100   ×   6RE-ACC     RSDE-6150   ×   10RE-ACC     RSDE-6200   ×   12RE-ACC     RSDE-6250   ×   16RE-ACC     RSDE-6300   ×   20RE-ACC     RSDE-6350   ×   24RE-ACC     RSDE-6400   ×   28RE-ACC     RSDE-6400   ×   32RE-ACC     RSDE-6450   ×   32RE-ACC     RSDE-6500   ×   36RE-ACC | 100<br>150<br>200<br>250<br>300<br>350<br>400<br>450<br>500 | 31        | 15          | 14.9 | 6 | 25       | 1 × 50<br>2 × 50<br>3 × 50<br>4 × 50<br>5 × 50<br>6 × 50<br>7 × 50<br>8 × 50<br>9 × 50 | 6±0.2 | 5.2 | M6 | 9.5 | 5.2 | M5          | 7   | 8.5 |
| RSDE-9200 × 8RE-ACC<br>RSDE-9300 × 12RE-ACC<br>RSDE-9400 × 16RE-ACC<br>RSDE-9500 × 22RE-ACC<br>RSDE-9600 × 26RE-ACC  | 200<br>300<br>400<br>500<br>600                             | 44        | 22          | 21.3 | 9 | 50       | 1 × 100<br>2 × 100<br>3 × 100<br>4 × 100<br>5 × 100                                    | 9±0.2 | 6.8 | M8 | 11  | 6.2 | M6          | 9.9 | 10  |







| Weight | Dyn. load rating | Roller | cages |     |     |   |            |      |        |                       |
|--------|------------------|--------|-------|-----|-----|---|------------|------|--------|-----------------------|
| in g   | F (N)            | b      | d     | D1  | t   | W | Ζ          | L    | Stroke | Part no.              |
| Ŭ      |                  |        |       |     |     |   | no. of rol | lers |        |                       |
| 650    | 21180            |        |       |     |     |   | 6          | 75   | 56     | RSDE- 6100 × 6RE-ACC  |
| 968    | 35300            |        |       |     |     |   | 10         | 111  | 84     | RSDE- 6150 x 10RE-ACC |
| 1291   | 42360            |        |       |     |     |   | 12         | 129  | 148    | RSDE- 6200 x 12RE-ACC |
| 1610   | 56480            |        |       |     |     |   | 16         | 165  | 176    | RSDE- 6250 x 16RE-ACC |
| 1936   | 70600            | 3.5    | 0.8   | 4.4 | 9   | 6 | 20         | 201  | 204    | RSDE- 6300 x 20RE-ACC |
| 2254   | 84720            |        |       |     |     |   | 24         | 237  | 232    | RSDE- 6350 x 24RE-ACC |
| 2578   | 98840            |        |       |     |     |   | 28         | 273  | 260    | RSDE- 6400 x 28RE-ACC |
| 2910   | 112960           |        |       |     |     |   | 32         | 309  | 288    | RSDE- 6450 x 32RE-ACC |
| 3218   | 127080           |        |       |     |     |   | 36         | 345  | 316    | RSDE- 6500 x 36RE-ACC |
| 2774   | 69040            |        |       |     |     |   | 8          | 144  | 120    | RSDE - 9200 × 8RE-ACC |
| 4162   | 103560           | 10     | ,     | 7   | 1.4 | 0 | 12         | 200  | 208    | RSDE- 9300 x 12RE-ACC |
| 5547   | 138080           | 19     | ]     | 7   | 14  | 9 | 16         | 256  | 296    | RSDE- 9400 x 16RE-ACC |
| 6933   | 189860           |        |       |     |     |   | 22         | 340  | 328    | RSDE- 9500 x 22RE-ACC |
| 8319   | 224380           |        |       |     |     |   | 26         | 396  | 416    | RSDE- 9600 x 26RE-ACC |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        |                       |
|        |                  |        |       |     |     |   |            |      |        | Units: mm             |
|        |                  |        |       |     |     |   |            |      |        | 1 mm - 0.039 Inch     |

1 mm = 0.039 Inch 1 N = 0.102 kgf