

# Butées à billes à simple effet à une rondelle sphérique et une contreplaque

| φ<br>d<br>(mm) | Référence            |                      | Dimensions (mm) |       |             |             |     |       |             |     |     |     |      |
|----------------|----------------------|----------------------|-----------------|-------|-------------|-------------|-----|-------|-------------|-----|-----|-----|------|
|                | sans<br>contreplaque | avec<br>contreplaque | D               | H     | D1<br>(max) | d1<br>(max) | R   | A     | rs<br>(min) | d2  | D2  | H1  | b    |
| 140            | 53228X               | 53228XU              | 200             | 48.6  | 143         | 197         | 160 | 87.0  | 1.5         | 170 | 210 | 55  | 17.0 |
|                | 53328X               | 53328XU              | 240             | 84.9  | 144         | 235         | 180 | 68.0  | 2.1         | 190 | 250 | 92  | 26.0 |
|                | 53428X               | 53428XU              | 280             | 117.0 | 144         | 275         | 225 | 83.0  | 4.0         | 206 | 290 | 131 | 38.0 |
| 150            | 53230X               | 53230XU              | 215             | 53.3  | 153         | 212         | 160 | 79.0  | 1.5         | 180 | 225 | 60  | 20.5 |
|                | 53330X               | 53330XU              | 250             | 83.7  | 154         | 245         | 200 | 89.5  | 2.1         | 200 | 260 | 92  | 26.0 |
|                | 53430X               | 53430XU              | 300             | 125.9 | 154         | 295         | 225 | 69.0  | 4.0         | 225 | 310 | 140 | 41.0 |
| 160            | 53232X               | 53232XU              | 225             | 40.8  | 163         | 222         | 160 | 74.0  | 1.5         | 190 | 235 | 61  | 21.0 |
|                | 53332X               | 53332XU              | 270             | 74.1  | 164         | 265         | 200 | 77.0  | 3.0         | 215 | 280 | 100 | 29.0 |
|                | 53432X               | 53432XU              | 320             | 107.3 | 164         | 315         | 250 | 84.0  | 5.0         | 240 | 330 | 150 | 41.5 |
| 170            | 53234X               | 53234XU              | 240             | 47.9  | 173         | 237         | 180 | 91.0  | 1.5         | 200 | 250 | 65  | 21.5 |
|                | 53334X               | 53334XU              | 280             | 80.3  | 174         | 275         | 225 | 105.0 | 3.0         | 220 | 290 | 100 | 29.0 |
|                | 53434X               | 53434XU              | 340             | 115.2 | 174         | 335         | 250 | 74.0  | 5.0         | 225 | 350 | 156 | 46.0 |
| 180            | 53236X               | 53236XU              | 250             | 48.6  | 183         | 247         | 200 | 112.0 | 1.5         | 210 | 260 | 66  | 21.5 |
|                | 53336X               | 53336XU              | 300             | 84.9  | 184         | 295         | 225 | 91.0  | 3.0         | 240 | 310 | 109 | 32.0 |
|                | 53436X               | 53436XU              | 360             | 117.0 | 184         | 355         | 280 | 97.0  | 5.0         | 270 | 370 | 164 | 36.5 |
| 190            | 53238X               | 53238XU              | 270             | 65.7  | 194         | 267         | 200 | 98.0  | 2.0         | 230 | 280 | 73  | 23.0 |
|                | 53338X               | 53338XU              | 320             | 111.0 | 195         | 315         | 250 | 104.0 | 4.0         | 255 | 330 | 121 | 33.0 |
| 200            | 53240X               | 53240XU              | 280             | 65.3  | 204         | 277         | 225 | 125.0 | 2.0         | 240 | 290 | 74  | 23.0 |
|                | 53340X               | 53340XU              | 340             | 118.4 | 205         | 335         | 250 | 92.0  | 4.0         | 270 | 350 | 130 | 38.0 |
| 220            | 53244X               | 53244XU              | 300             | 65.6  | 224         | 297         | 225 | 118.0 | 2.0         | 260 | 310 | 75  | 25.0 |
| 240            | 53248X               | 53248XU              | 340             | 81.6  | 244         | 335         | 250 | 122.0 | 2.1         | 290 | 350 | 92  | 30.0 |
| 260            | 53252X               | 53252XU              | 360             | 82.8  | 264         | 355         | 280 | 152.0 | 2.1         | 305 | 370 | 93  | 30.0 |
| 280            | 53256X               | 53256XU              | 380             | 85.0  | 284         | 375         | 280 | 143.0 | 2.1         | 325 | 390 | 94  | 31.0 |
| 300            | 53260X               | 53260XU              | 420             | 100.5 | 304         | 415         | 320 | 164.0 | 3.0         | 360 | 430 | 112 | 34.0 |
| 320            | 53264X               | 53264XU              | 440             | 100.5 | 325         | 435         | 320 | 157.0 | 3.0         | 380 | 450 | 112 | 36.0 |
| 340            | 53268X               | 53268XU              | 460             | 100.3 | 345         | 455         | 360 | 199.0 | 3.0         | 400 | 470 | 113 | 36.0 |
| 350            | 53272X               | 53272XU              | 500             | 116.7 | 365         | 495         | 360 | 172.0 | 4.0         | 430 | 510 | 130 | 43.0 |

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| φ<br>d<br>(mm) | Référence            |                      | Vitesse lim.<br>(tr/min)<br>Lubrification |       | Cap. de ch.<br>(daN)<br>Dyn. Stat. |        | Masse<br>(kg)        |                      |
|----------------|----------------------|----------------------|-------------------------------------------|-------|------------------------------------|--------|----------------------|----------------------|
|                | sans<br>contreplaque | avec<br>contreplaque | graisse                                   | huile | C                                  | Co     | sans<br>contreplaque | avec<br>contreplaque |
| 140            | 53228X               | 53228XU              | 980                                       | 1400  | 20500                              | 65000  | 4.400                | 5.610                |
|                | 53328X               | 53328XU              | 670                                       | 960   | 35000                              | 105000 | 15.300               | 18.200               |
|                | 53428X               | 53428XU              | 520                                       | 740   | 54500                              | 175000 | 32.900               | 39.900               |
| 150            | 53230X               | 53230XU              | 900                                       | 1300  | 21300                              | 65000  | 5.600                | 7.280                |
|                | 53330X               | 53330XU              | 660                                       | 940   | 36000                              | 113000 | 16.000               | 19.100               |
|                | 53430X               | 53430XU              | 480                                       | 680   | 66500                              | 221000 | 40.500               | 48.500               |
| 160            | 53232X               | 53232XU              | 870                                       | 1200  | 22300                              | 72000  | 6.500                | 8.290                |
|                | 53332X               | 53332XU              | 600                                       | 850   | 41000                              | 134000 | 20.500               | 24.500               |
|                | 53432X               | 53432XU              | 440                                       | 630   | 68000                              | 241000 | 49.700               | 58.900               |
| 170            | 53234X               | 53234XU              | 800                                       | 1100  | 26100                              | 83500  | 7.890                | 9.950                |
|                | 53334X               | 53334XU              | 580                                       | 830   | 42000                              | 143000 | 21.300               | 25.700               |
|                | 53434X               | 53434XU              | 410                                       | 590   | 75500                              | 273000 | 58.100               | 69.100               |
| 180            | 53236X               | 53236XU              | 780                                       | 1100  | 26500                              | 87500  | 8.260                | 10.500               |
|                | 53336X               | 53336XU              | 530                                       | 760   | 48500                              | 170000 | 27.000               | 32.000               |
|                | 53436X               | 53436XU              | 390                                       | 560   | 78500                              | 298000 | 68.800               | 81.500               |
| 190            | 53238X               | 53238XU              | 700                                       | 1000  | 30800                              | 106000 | 11.500               | 14.000               |
|                | 53338X               | 53338XU              | 480                                       | 690   | 57000                              | 210000 | 35.800               | 41.900               |
| 200            | 53240X               | 53240XU              | 680                                       | 970   | 31500                              | 111000 | 12.000               | 14.800               |
|                | 53340X               | 53340XU              | 450                                       | 650   | 62500                              | 238000 | 43.100               | 51.000               |
| 220            | 53244X               | 53244XU              | 640                                       | 920   | 32500                              | 121000 | 13.000               | 16.200               |
| 240            | 53248X               | 53248XU              | 530                                       | 750   | 43000                              | 173000 | 22.300               | 27.400               |
| 260            | 53252X               | 53252XU              | 500                                       | 710   | 44500                              | 188000 | 24.000               | 29.700               |
| 280            | 53256X               | 53256XU              | 480                                       | 680   | 44500                              | 195000 | 26.200               | 32.300               |
| 300            | 53260X               | 53260XU              | 400                                       | 580   | 58500                              | 272000 | 41.700               | 49.900               |
| 320            | 53264X               | 53264XU              | 390                                       | 550   | 59000                              | 283000 | 43.800               | 52.700               |
| 340            | 53268X               | 53268XU              | 370                                       | 530   | 60000                              | 294000 | 46.400               | 56.200               |
| 360            | 53272X               | 53272XU              | 320                                       | 460   | 74000                              | 380000 | 67.700               | 81.500               |