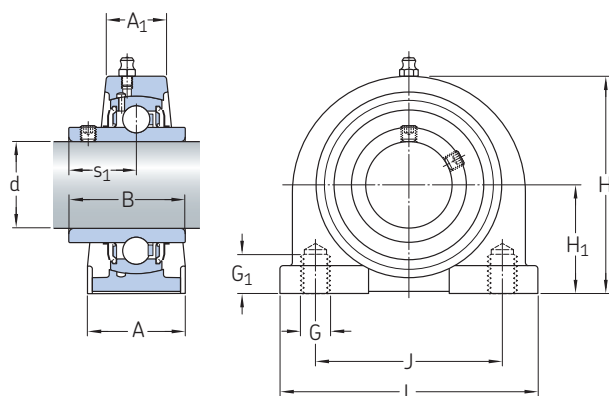


# Tapped base Plummer block ball bearing units, set screws for metric shafts

d 20 - 85 mm



| Principal dimensions | Basic load ratings |                | Fatigue load limit | Limiting speed<br>with shaft tolerance h6 | Mass | Designations |         | Unit     |
|----------------------|--------------------|----------------|--------------------|-------------------------------------------|------|--------------|---------|----------|
|                      | dynamic            | static         |                    |                                           |      | Housing      | Bearing |          |
| d                    | C                  | C <sub>0</sub> | P <sub>u</sub>     |                                           |      |              |         |          |
| mm                   | kN                 |                |                    | r/min                                     | kg   | —            |         |          |
| 20                   | 12,7               | 6,7            | 0,3                | 6 500                                     | 0,54 | PA 204       | UC 204  | UCPA 204 |
| 25                   | 14,0               | 7,8            | 0,3                | 5 850                                     | 0,76 | PA 205       | UC 205  | UCPA 205 |
| 30                   | 19,5               | 11,4           | 0,5                | 5 000                                     | 0,99 | PA 206       | UC 206  | UCPA 206 |
| 35                   | 25,5               | 15,3           | 0,7                | 4 300                                     | 1,46 | PA 207       | UC 207  | UCPA 207 |
| 40                   | 32,5               | 20,0           | 0,9                | 3 750                                     | 1,67 | PA 208       | UC 208  | UCPA 208 |
| 45                   | 32,5               | 20,4           | 0,9                | 3 400                                     | 1,86 | PA 209       | UC 209  | UCPA 209 |
| 50                   | 35,1               | 23,2           | 1                  | 3 300                                     | 2,25 | PA 210       | UC 210  | UCPA 210 |

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**Dimensions**

| d         | H <sub>1</sub> | L     | A    | J  | G       | H    | G <sub>1</sub> | B    | S <sub>1</sub> |
|-----------|----------------|-------|------|----|---------|------|----------------|------|----------------|
| mm        |                |       |      |    |         |      |                |      |                |
| <b>20</b> | 30,2           | 76,2  | 34   | 52 | M10X1,5 | 60   | 13             | 31   | 12,7           |
| <b>25</b> | 36,5           | 84,1  | 39,5 | 56 | M10X1,5 | 71   | 13             | 34   | 14,3           |
| <b>30</b> | 42,8           | 93,7  | 38,9 | 66 | M14X2   | 84,1 | 18             | 38,1 | 15,9           |
| <b>35</b> | 47,6           | 110,3 | 42,1 | 80 | M14X2   | 93   | 20             | 42,9 | 17,5           |
| <b>40</b> | 49,2           | 115,9 | 44,5 | 84 | M14X2   | 98   | 20             | 49,2 | 19             |
| <b>45</b> | 54,2           | 119,8 | 45   | 90 | M14X2   | 106  | 25             | 49,2 | 19             |
| <b>50</b> | 57,2           | 130,2 | 50,5 | 94 | M16X2   | 113  | 25             | 51,6 | 19             |

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