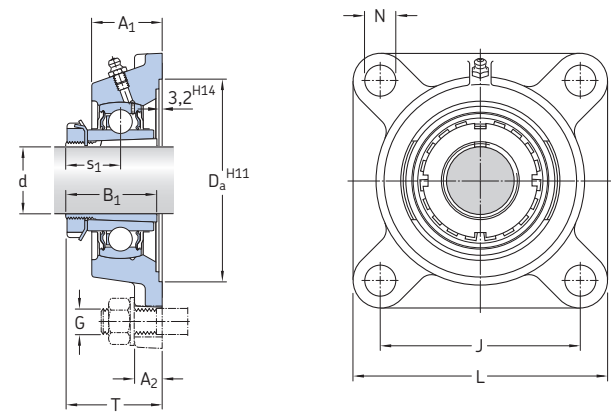


**Flanged Y-bearing units with a cast housing with a square flange and an adapter sleeve,  
metric shafts**  
**d 20 – 60 mm**



| Dimensions |                |                |                |                |     |     |    |    |                |      | Basic load ratings |                          | Fatigue load limit | Designations <sup>1)</sup> |                |
|------------|----------------|----------------|----------------|----------------|-----|-----|----|----|----------------|------|--------------------|--------------------------|--------------------|----------------------------|----------------|
| d          | A <sub>1</sub> | A <sub>2</sub> | B <sub>1</sub> | D <sub>a</sub> | J   | L   | N  | G  | s <sub>1</sub> | T    | dynamic<br>C       | static<br>C <sub>0</sub> | P <sub>u</sub>     | Bearing unit               | Adapter sleeve |
| mm         |                |                |                |                |     |     |    |    |                |      | kN                 |                          | kN                 | –                          |                |
| 20         | 27             | 14             | 35             | 74,6           | 70  | 95  | 12 | 10 | 20             | 36   | 14                 | 7,8                      | 0,335              | FYJ 25 KF                  | H 2305         |
| 25         | 31             | 14             | 38             | 93,7           | 83  | 108 | 12 | 10 | 22             | 40   | 19,5               | 11,2                     | 0,475              | FYJ 30 KF                  | H 2306         |
| 30         | 34             | 16             | 43             | 106,4          | 92  | 118 | 14 | 12 | 24,3           | 43,3 | 25,5               | 15,3                     | 0,655              | FYJ 35 KF                  | H 2307         |
| 35         | 36             | 16             | 46             | 115,9          | 102 | 130 | 16 | 14 | 27             | 48   | 30,7               | 19                       | 0,8                | FYJ 40 KF                  | H 2308         |
| 40         | 38             | 18             | 50             | 119,1          | 105 | 137 | 16 | 14 | 28,5           | 50,5 | 33,2               | 21,6                     | 0,915              | FYJ 45 KF                  | H 2309         |
| 45         | 40             | 18             | 55             | 125,4          | 111 | 143 | 16 | 14 | 30,5           | 52,5 | 35,1               | 23,2                     | 0,98               | FYJ 50 KF                  | H 2310         |
| 50         | 43             | 20             | 59             | 150,8          | 130 | 162 | 19 | 16 | 32,5           | 57,5 | 43,6               | 29                       | 1,25               | FYJ 55 KF                  | H 2311         |
| 55         | 48             | 20             | 62             | 161,9          | 143 | 175 | 19 | 16 | 34,3           | 63,3 | 52,7               | 36                       | 1,53               | FYJ 60 KF                  | H 2312         |
| 60         | 50             | 20             | 65             | 161,9          | 149 | 187 | 19 | 16 | 35,8           | 65,8 | 57,2               | 40                       | 1,7                | FYJ 65 KF                  | H 2313         |

<sup>1)</sup> Bearing unit and adapter sleeve to be ordered separately

| Designations<br>Bearing unit<br>without<br>adapter sleeve | Separate components<br>of the bearing unit |             | Limiting<br>speed | Mass<br>Bearing unit<br>+ sleeve |
|-----------------------------------------------------------|--------------------------------------------|-------------|-------------------|----------------------------------|
|                                                           | Housing                                    | Bearing     |                   |                                  |
| –                                                         |                                            |             | r/min             | kg                               |
| <b>FYJ 25 KF</b>                                          | FYJ 505                                    | YSA 205-2FK | 7 000             | 0,73                             |
| <b>FYJ 30 KF</b>                                          | FYJ 506                                    | YSA 206-2FK | 6 300             | 1,05                             |
| <b>FYJ 35 KF</b>                                          | FYJ 507                                    | YSA 207-2FK | 5 300             | 1,35                             |
| <b>FYJ 40 KF</b>                                          | FYJ 508                                    | YSA 208-2FK | 4 800             | 1,75                             |
| <b>FYJ 45 KF</b>                                          | FYJ 509                                    | YSA 209-2FK | 4 300             | 2,10                             |
| <b>FYJ 50 KF</b>                                          | FYJ 510                                    | YSA 210-2FK | 4 000             | 2,80                             |
| <b>FYJ 55 KF</b>                                          | FYJ 511                                    | YSA 211-2FK | 3 600             | 3,60                             |
| <b>FYJ 60 KF</b>                                          | FYJ 512                                    | YSA 212-2FK | 3 400             | 4,60                             |
| <b>FYJ 65 KF</b>                                          | FYJ 513                                    | YSA 213-2FK | 3 000             | 6,00                             |