

| Order<br>no. |          |       | Max. radial load<br>(roller) |         | Max. axial load<br>(roller) |        |
|--------------|----------|-------|------------------------------|---------|-----------------------------|--------|
|              | Diameter |       | Static                       | Dynamic | Dynamic                     | Static |
|              | Diameter | Width |                              |         |                             |        |
|              | [mm]     | [mm]  | [N]                          | [N]     | [N]                         | [N]    |

|       |    |    |       |      |       |      |
|-------|----|----|-------|------|-------|------|
| TPJ40 | 40 | 30 | 12200 | 4900 | 7560  | 2650 |
| TPJ50 | 50 | 40 | 17000 | 7200 | 10600 | 3050 |

| Order<br>no. | Roller      |       | Flange |           | Stud        |        | Thread |         | Shoulder |        | Hex socket | Housing bore | Weight |
|--------------|-------------|-------|--------|-----------|-------------|--------|--------|---------|----------|--------|------------|--------------|--------|
|              | Ø           | Width | Ø      | Thickness | Ø           | Length | Length | Size    | Ø        | Length |            |              |        |
|              | A           | B     | C      | D         | K           | L      | M      | N       | R        | S      | X          | Ø            |        |
|              | +0.00/-0.06 | ±0.4  | ±0.4   | ±0.4      | +0.00/-0.02 | ±0.4   | ±0.4   |         |          | ±0.4   |            | +0.02/-0.00  |        |
|              | [mm]        | [mm]  | [mm]   | [mm]      | [mm]        | [mm]   | [mm]   |         | [mm]     | [mm]   | [mm]       | [mm]         | [kg]   |
| TPJ26        | 26          | 20.0  | 35     | 5.0       | 10          | 23.0   | 13     | M10x1.0 | 13.1     | 0.8    | 4          | 10.02        | 0.11   |
| TPJ30        | 30          | 20.0  | 40     | 5.0       | 12          | 25.0   | 14     | M12x1.5 | 15.9     | 0.8    | 4          | 12.02        | 0.14   |
| TPJ32        | 32          | 22.0  | 42     | 5.0       | 12          | 25.0   | 14     | M12x1.5 | 15.9     | 0.8    | 4          | 12.02        | 0.17   |
| TPJ35        | 35          | 22.0  | 46     | 5.0       | 16          | 32.5   | 18     | M16x1.5 | 19.1     | 0.8    | 8          | 16.02        | 0.20   |
| TPJ40        | 40          | 30.0  | 54     | 8.8       | 14          | 40.0   | 26     | M14x2.0 | 18.0     | 1.6    | 8          | 14.02        | 0.33   |
| TPJ40-1      | 40          | 27.6  | 54     | 7.8       | 18          | 36.5   | 19     | M18x1.5 | 22.0     | 1.6    | 8          | 18.02        | 0.35   |
| TPJ47        | 47          | 27.6  | 61     | 7.8       | 20          | 40.5   | 21     | M20x1.5 | 25.5     | 1.6    | 8          | 20.02        | 0.47   |
| TPJ50        | 50          | 40.0  | 68     | 14.0      | 16          | 50.0   | 35     | M16x2.0 | 23.0     | 1.6    | 8          | 16.02        | 0.70   |
| TPJ52        | 52          | 33.6  | 66     | 10.8      | 20          | 40.5   | 21     | M20x1.5 | 25.5     | 1.6    | 8          | 20.02        | 0.83   |
| TPJ62        | 62          | 44.0  | 78     | 14.0      | 24          | 58.0   | 35     | M24x3.0 | 32.0     | 1.6    | 8          | 24.02        | 1.21   |
| TPJ62-2      | 62          | 44.0  | 78     | 14.0      | 24          | 49.5   | 25     | M24x1.5 | 32.0     | 1.6    | 8          | 24.02        | 1.21   |
| TPJ72        | 72          | 44.0  | 90     | 14.0      | 24          | 49.5   | 25     | M24x1.5 | 32.0     | 1.6    | 8          | 24.02        | 1.28   |
| TPJ76        | 76          | 52.0  | 98     | 14.0      | 30          | 69.5   | 40     | M30x3.5 | 44.5     | 1.6    | 12         | 30.02        | 2.17   |
| TPJ80        | 80          | 52.0  | 102    | 14.0      | 30          | 69.5   | 40     | M30x3.5 | 44.5     | 1.6    | 12         | 30.02        | 2.41   |
| TPJ85        | 85          | 52.0  | 107    | 14.0      | 30          | 69.5   | 40     | M30x3.5 | 44.5     | 1.6    | 12         | 30.02        | 2.75   |
| TPJ90        | 90          | 52.0  | 112    | 14.0      | 30          | 69.5   | 40     | M30x3.5 | 44.5     | 1.6    | 12         | 30.02        | 2.98   |
| TPJ100       | 100         | 52.0  | 125    | 14.0      | 30          | 80.0   | 50     | M30x3.5 | 44.5     | 1.6    | 12         | 30.02        | 3.70   |
| TPJ100-1     | 100         | 52.0  | 125    | 14.0      | 30          | 69.5   | 40     | M30x3.5 | 44.5     | 1.6    | 12         | 30.02        | 3.52   |
| TPJ125       | 125         | 76.0  | 148    | 18.0      | 48          | 105.0  | 60     | M48x5.0 | 82.5     | 1.6    | 12         | 48.02        | 8.86   |
| TPJ150       | 150         | 76.0  | 173    | 18.3      | 64          | 140.0  | 82     | M64x6.0 | 82.5     | 1.6    | 12         | 64.02        | 13.07  |
| TPJ200       | 200         | 76.0  | 223    | 18.3      | 64          | 140.0  | 82     | M64x6.0 | 82.5     | 1.6    | 12         | 64.02        | 20.37  |

