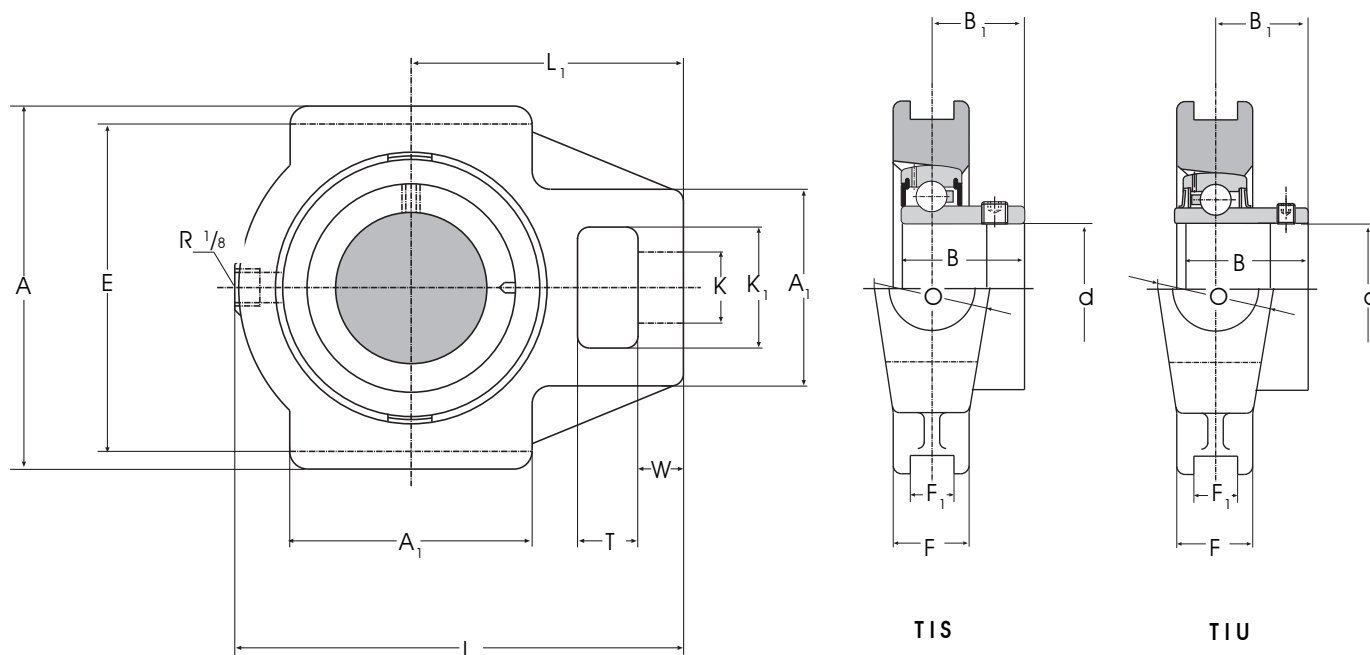
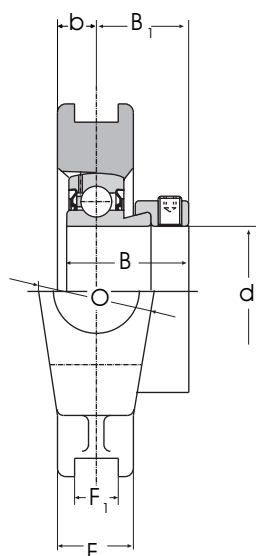


# ENSEMBLE PALIER ROULEMENT

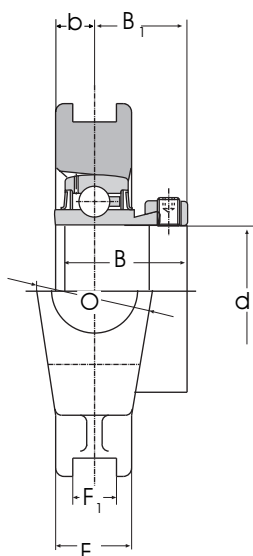
|            |     |        |
|------------|-----|--------|
| Type série | TIS | TIH    |
|            | TIU | TIH-R3 |
|            | TI  | TIK    |



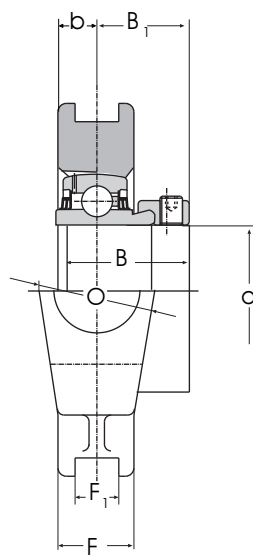
| Symboles de l'ensemble | Diamètre d'arbre d | Symboles des roulements | Poids kg | Charges Dyn. c kN | Stat. c0 kN | B1   | B    |
|------------------------|--------------------|-------------------------|----------|-------------------|-------------|------|------|
| TI 20                  | 20                 | SA 204                  | 0,9      | 12,8              | 6,6         | 23,5 | 31,0 |
| TIU 20                 |                    | UC 204                  | 0,8      | 12,8              | 6,6         | 18,3 | 31,0 |
| TIS 20                 |                    | SB 204                  | 0,8      | 12,8              | 6,6         | 18,0 | 25,0 |
| TIH 20                 |                    | HC 204                  | 0,9      | 12,8              | 6,6         | 26,5 | 43,5 |
| TIH 20 R3              |                    | HC 204 R3               | 0,9      | 12,8              | 6,6         | 26,5 | 43,5 |
| TI 25                  | 25                 | SA 205                  | 1,1      | 14,0              | 7,8         | 23,5 | 31,0 |
| TIU 25                 |                    | UC 205                  | 1,0      | 14,0              | 7,8         | 19,8 | 34,1 |
| TIS 25                 |                    | SB 205                  | 1,0      | 14,0              | 7,8         | 19,5 | 27,0 |
| TIH 25                 |                    | HC 205                  | 1,1      | 14,0              | 7,8         | 26,9 | 44,3 |
| TIH 25 R3              |                    | HC 205 R3               | 1,1      | 14,0              | 7,8         | 26,9 | 44,3 |
| TIK 25                 | 20                 | UK 205                  | 1,0      | 14,0              | 7,8         | -    | -    |
| TI 30                  | 30                 | SA 206                  | 1,5      | 19,5              | 11,3        | 26,7 | 35,7 |
| TIU 30                 |                    | UC 206                  | 1,4      | 19,5              | 11,3        | 22,2 | 38,1 |
| TIS 30                 |                    | SB 206                  | 1,3      | 19,5              | 11,3        | 22,0 | 30,0 |
| TIH 30                 |                    | HC 206                  | 1,5      | 19,5              | 11,3        | 30,1 | 48,3 |
| TIH 30 R3              |                    | HC 206 R3               | 1,5      | 19,5              | 11,3        | 30,1 | 48,3 |
| TIK 30                 | 25                 | UK 206                  | 1,3      | 19,5              | 11,3        | -    | -    |
| TI 35                  | 35                 | SA 207                  | 1,9      | 25,5              | 15,3        | 29,4 | 38,9 |
| TIU 35                 |                    | UC 207                  | 1,8      | 25,5              | 15,3        | 25,4 | 42,9 |
| TIS 35                 |                    | SB 207                  | 1,7      | 25,5              | 15,3        | 23,5 | 32,0 |
| TIH 35                 |                    | HC 207                  | 1,9      | 25,5              | 15,3        | 32,3 | 51,1 |
| TIH 35 R3              |                    | HC 207 R3               | 1,9      | 25,5              | 15,3        | 32,3 | 51,1 |
| TIK 35                 | 30                 | UK 207                  | 1,7      | 25,5              | 15,3        | -    | -    |



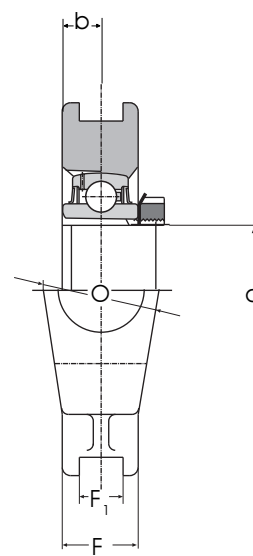
TI



TIH



TIH-R3

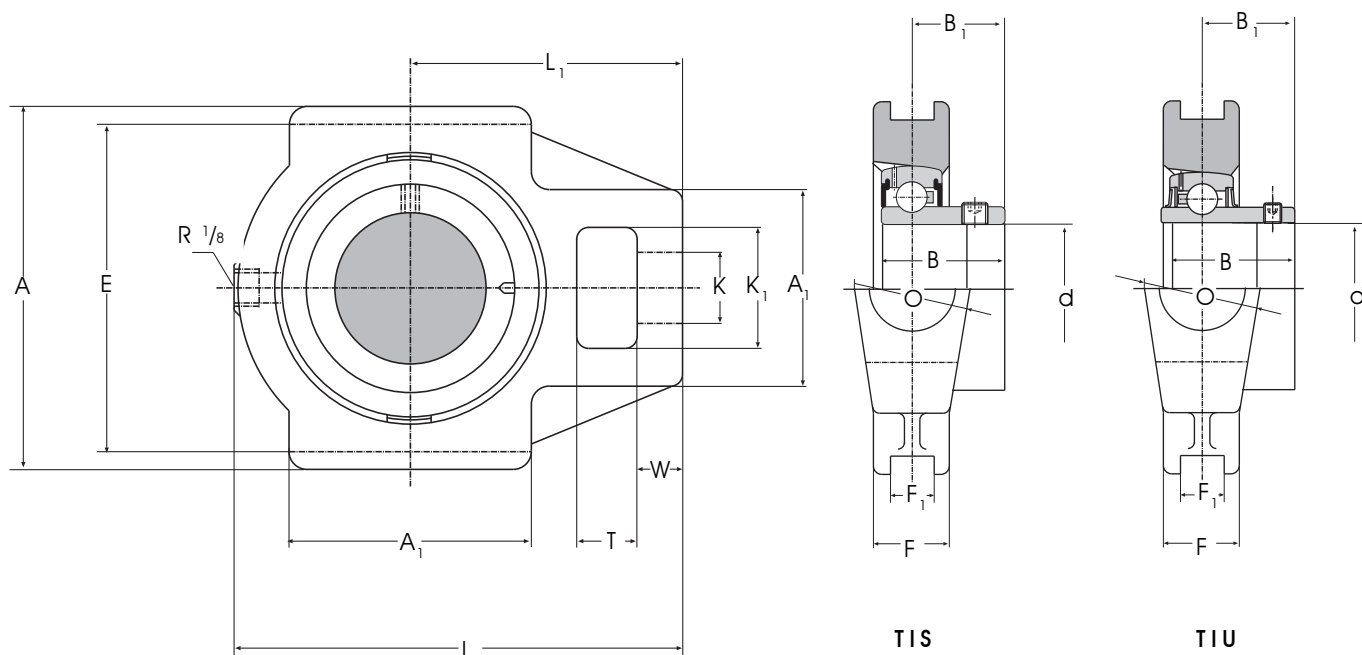


TIK

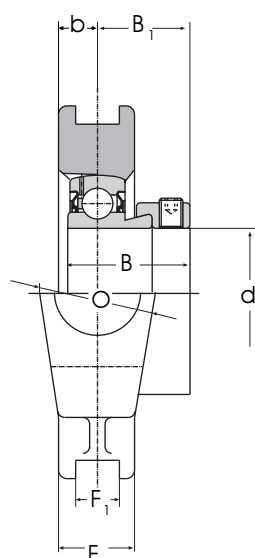
| Diamètre d'arbre<br>d | Dimensions en mm |                |    |     |    |                |    |                |    |    |                |    |      |
|-----------------------|------------------|----------------|----|-----|----|----------------|----|----------------|----|----|----------------|----|------|
|                       | L                | L <sub>1</sub> | E  | A   | K  | K <sub>1</sub> | T  | A <sub>1</sub> | W  | F  | F <sub>1</sub> | O  | b    |
| 20                    | 94               | 61             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 21 | 12             | 32 | 10,5 |
|                       | 94               | 61             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 21 | 12             | 32 | 10,5 |
|                       | 94               | 61             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 21 | 12             | 32 | 10,5 |
|                       | 94               | 61             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 21 | 12             | 32 | 10,5 |
|                       | 94               | 61             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 21 | 12             | 32 | 10,5 |
| 25                    | 97               | 62             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 24 | 12             | 32 | 12   |
|                       | 97               | 62             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 24 | 12             | 32 | 12   |
|                       | 97               | 62             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 24 | 12             | 32 | 12   |
|                       | 97               | 62             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 24 | 12             | 32 | 12   |
|                       | 97               | 62             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 24 | 12             | 32 | 12   |
| 20                    | 97               | 62             | 76 | 89  | 19 | 32             | 16 | 51             | 10 | 24 | 12             | 32 | 12   |
| 30                    | 113              | 70             | 89 | 102 | 22 | 37             | 16 | 57             | 10 | 28 | 12             | 37 | 14   |
|                       | 113              | 70             | 89 | 102 | 22 | 37             | 16 | 57             | 10 | 28 | 12             | 37 | 14   |
|                       | 113              | 70             | 89 | 102 | 22 | 37             | 16 | 57             | 10 | 28 | 12             | 37 | 14   |
|                       | 113              | 70             | 89 | 102 | 22 | 37             | 16 | 57             | 10 | 28 | 12             | 37 | 14   |
|                       | 113              | 70             | 89 | 102 | 22 | 37             | 16 | 57             | 10 | 28 | 12             | 37 | 14   |
| 25                    | 113              | 70             | 89 | 102 | 22 | 37             | 16 | 57             | 10 | 28 | 12             | 37 | 14   |
| 35                    | 129              | 78             | 89 | 102 | 22 | 37             | 16 | 64             | 13 | 30 | 12             | 37 | 15   |
|                       | 129              | 78             | 89 | 102 | 22 | 37             | 16 | 64             | 13 | 30 | 12             | 37 | 15   |
|                       | 129              | 78             | 89 | 102 | 22 | 37             | 16 | 64             | 13 | 30 | 12             | 37 | 15   |
|                       | 129              | 78             | 89 | 102 | 22 | 37             | 16 | 64             | 13 | 30 | 12             | 37 | 15   |
|                       | 129              | 78             | 89 | 102 | 22 | 37             | 16 | 64             | 13 | 30 | 12             | 37 | 15   |
| 30                    | 129              | 78             | 89 | 102 | 22 | 37             | 16 | 64             | 13 | 30 | 12             | 37 | 15   |

# ENSEMBLE PALIER ROULEMENT

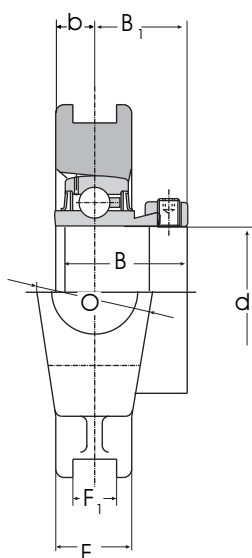
|            |     |        |
|------------|-----|--------|
| Type série | TIS | TIH    |
|            | TIU | TIH-R3 |
|            | TI  | TIK    |



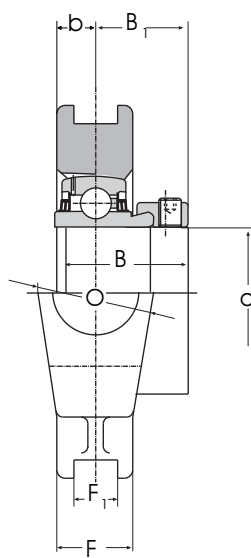
| Symboles de l'ensemble | Diamètre d'arbre d | Symboles des roulements | Poids kg | Charges   |                         | B <sub>1</sub> | B    |
|------------------------|--------------------|-------------------------|----------|-----------|-------------------------|----------------|------|
|                        |                    |                         |          | Dyn. c kN | Stat. C <sub>0</sub> kN |                |      |
| TI 40                  | 40                 | SA 208                  | 2,5      | 32,5      | 19,8                    | 32,7           | 43,7 |
| TIU 40                 |                    | UC 208                  | 2,4      | -         | -                       | 30,2           | 49,2 |
| TIS 40                 |                    | SB 208                  | 2,3      | -         | -                       | 25,0           | 34,0 |
| TIH 40                 |                    | HC 208                  | 2,6      | -         | -                       | 34,9           | 56,3 |
| TIH 40 R3              |                    | HC 208 R3               | 2,6      | -         | -                       | 34,9           | 56,3 |
| TIK 40                 | 35                 | UK 208                  | 2,5      | -         | -                       | -              | -    |
| TI 45                  | 45                 | SA 209                  | 2,6      | 32,5      | 20,4                    | 32,7           | 43,7 |
| TIU 45                 |                    | UC 209                  | 2,5      | -         | -                       | 30,2           | 49,2 |
| TIS 45                 |                    | SB 209                  | 2,4      | -         | -                       | 31,0           | 41,2 |
| TIH 45                 |                    | HC 209                  | 2,6      | -         | -                       | 34,9           | 56,3 |
| TIH 45 R3              |                    | HC 209 R3               | 2,6      | -         | -                       | 34,9           | 56,3 |
| TIK 45                 | 40                 | UK 209                  | 2,5      | -         | -                       | -              | -    |
| TI 50                  | 50                 | SA 210                  | 3,0      | 35,0      | 23,2                    | 32,7           | 43,7 |
| TIU 50                 |                    | UC 210                  | 2,9      | -         | -                       | 32,6           | 51,6 |
| TIS 50                 |                    | SB 210                  | 2,8      | -         | -                       | 32,6           | 43,5 |
| TIH 50                 |                    | HC 210                  | 3,1      | -         | -                       | 38,1           | 62,7 |
| TIH 50 R3              |                    | HC 210 R3               | 3,1      | -         | -                       | 38,1           | 62,7 |
| TIK 50                 | 45                 | UK 210                  | 2,9      | -         | -                       | -              | -    |
| TI 60                  | 60                 | SA 212                  | 5,3      | 52,0      | 36,0                    | 39,6           | 53,1 |
| TIU 60                 |                    | UC 212                  | 5,1      | -         | -                       | 39,7           | 65,1 |
| TIH 60                 |                    | HC 212                  | 5,3      | -         | -                       | 46,8           | 77,7 |
| TIH 60 R3              |                    | HC 212 R3               | 5,3      | -         | -                       | 46,8           | 77,7 |
| TIK 60                 | 55                 | UK 212                  | 5,1      | -         | -                       | -              | -    |
| TIU 65                 | 65                 | UC 213                  | 7,1      | -         | -                       | 39,7           | 65,1 |
| TIH 65                 |                    | HC 213                  | 7,3      | -         | -                       | 51,6           | 85,7 |
| TIK 65                 | 60                 | UK 213                  | 7,1      | -         | -                       | -              | -    |



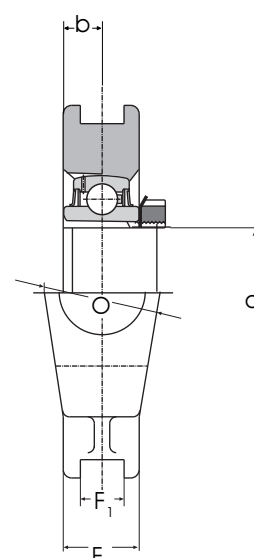
TI



TIH



TIH-R3

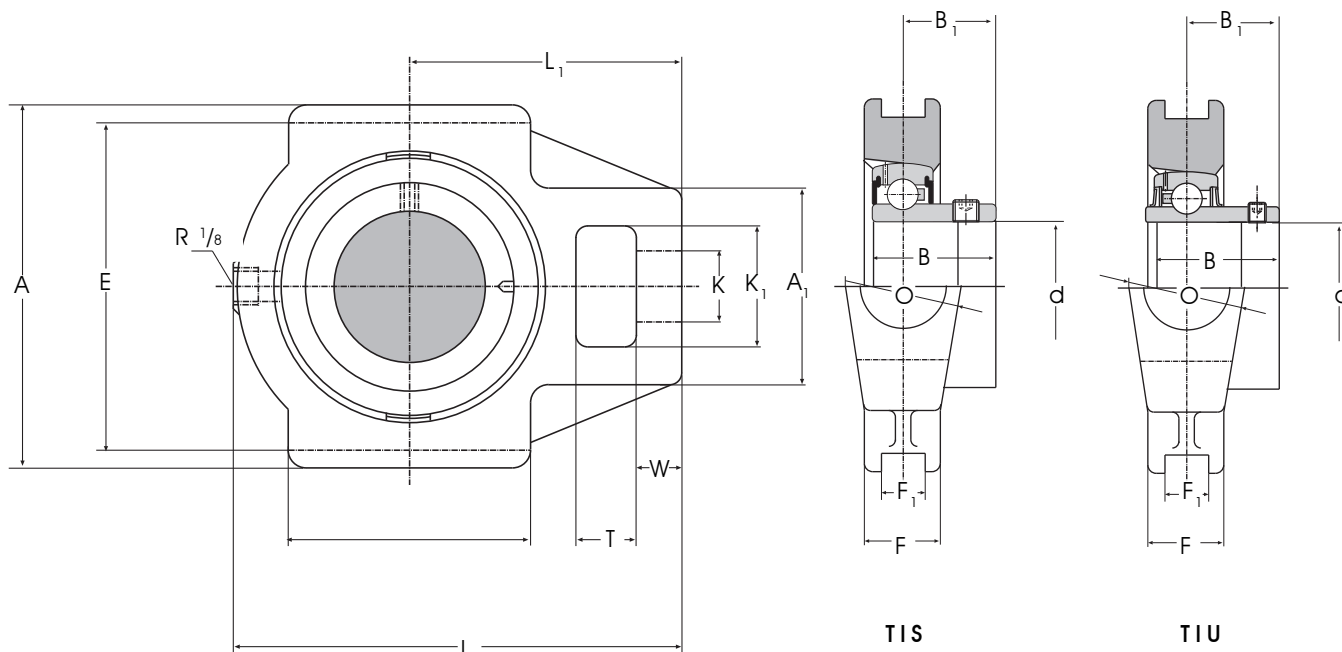


TIK

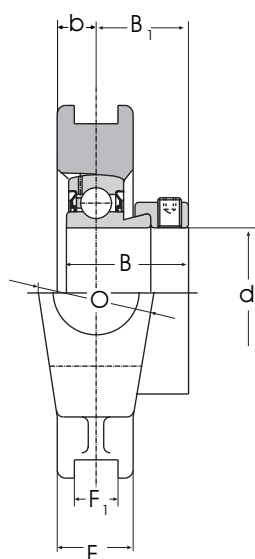
| Diamètre<br>d'arbre<br>d | Dimensions en mm |                |     |     |    |                |    |                |    |    |                |    |      |
|--------------------------|------------------|----------------|-----|-----|----|----------------|----|----------------|----|----|----------------|----|------|
|                          | L                | L <sub>1</sub> | E   | A   | K  | K <sub>1</sub> | T  | A <sub>1</sub> | W  | F  | F <sub>1</sub> | O  | b    |
| 40                       | 144              | 88             | 102 | 114 | 29 | 49             | 19 | 83             | 16 | 33 | 16             | 49 | 16,5 |
|                          | 144              | 88             | 102 | 114 | 29 | 49             | 19 | 83             | 16 | 33 | 16             | 49 | 16,5 |
|                          | 144              | 88             | 102 | 114 | 29 | 49             | 19 | 83             | 16 | 33 | 16             | 49 | 16,5 |
|                          | 144              | 88             | 102 | 114 | 29 | 49             | 19 | 83             | 16 | 33 | 16             | 49 | 16,5 |
|                          | 144              | 88             | 102 | 114 | 29 | 49             | 19 | 83             | 16 | 33 | 16             | 49 | 16,5 |
| 35                       | 144              | 88             | 102 | 114 | 29 | 49             | 19 | 83             | 16 | 33 | 16             | 49 | 16,5 |
| 45                       | 144              | 87             | 102 | 117 | 29 | 49             | 19 | 83             | 16 | 35 | 16             | 49 | 17,5 |
|                          | 144              | 87             | 102 | 117 | 29 | 49             | 19 | 83             | 16 | 35 | 16             | 49 | 17,5 |
|                          | 144              | 87             | 102 | 117 | 29 | 49             | 19 | 83             | 16 | 35 | 16             | 49 | 17,5 |
|                          | 144              | 87             | 102 | 117 | 29 | 49             | 19 | 83             | 16 | 35 | 16             | 49 | 17,5 |
|                          | 144              | 87             | 102 | 117 | 29 | 49             | 19 | 83             | 16 | 35 | 16             | 49 | 17,5 |
| 40                       | 144              | 87             | 102 | 117 | 29 | 49             | 19 | 83             | 16 | 35 | 16             | 49 | 17,5 |
| 50                       | 149              | 90             | 102 | 117 | 29 | 49             | 19 | 86             | 16 | 37 | 16             | 49 | 18,5 |
|                          | 149              | 90             | 102 | 117 | 29 | 49             | 19 | 86             | 16 | 37 | 16             | 49 | 18,5 |
|                          | 149              | 90             | 102 | 117 | 29 | 49             | 19 | 86             | 16 | 37 | 16             | 49 | 18,5 |
|                          | 149              | 90             | 102 | 117 | 29 | 49             | 19 | 86             | 16 | 37 | 16             | 49 | 18,5 |
|                          | 149              | 90             | 102 | 117 | 29 | 49             | 19 | 86             | 16 | 37 | 16             | 49 | 18,5 |
| 45                       | 149              | 90             | 102 | 117 | 29 | 49             | 19 | 86             | 16 | 37 | 16             | 49 | 18,5 |
| 60                       | 194              | 119            | 130 | 146 | 35 | 64             | 32 | 102            | 19 | 42 | 22             | 64 | 21   |
|                          | 194              | 119            | 130 | 146 | 35 | 64             | 32 | 102            | 19 | 42 | 22             | 64 | 21   |
|                          | 194              | 119            | 130 | 146 | 35 | 64             | 32 | 102            | 19 | 42 | 22             | 64 | 21   |
|                          | 194              | 119            | 130 | 146 | 35 | 64             | 32 | 102            | 19 | 42 | 22             | 64 | 21   |
| 55                       | 194              | 119            | 130 | 146 | 35 | 64             | 32 | 102            | 19 | 42 | 22             | 64 | 21   |
| 65                       | 224              | 137            | 151 | 167 | 41 | 70             | 32 | 121            | 21 | 44 | 26             | 70 | 22   |
|                          | 224              | 137            | 151 | 167 | 41 | 70             | 32 | 121            | 21 | 44 | 26             | 70 | 22   |
| 60                       | 224              | 137            | 151 | 167 | 41 | 70             | 32 | 121            | 21 | 44 | 26             | 70 | 22   |

# ENSEMBLE PALIER ROULEMENT

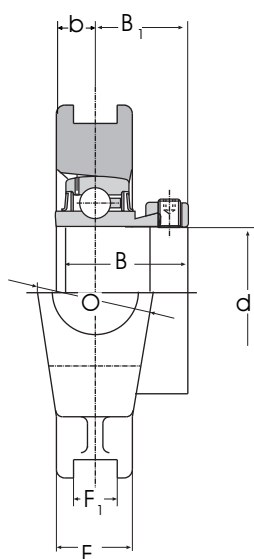
|            |     |        |
|------------|-----|--------|
| Type série | TIS | TIH    |
|            | TIU | TIH-R3 |
|            | TI  | TIK    |



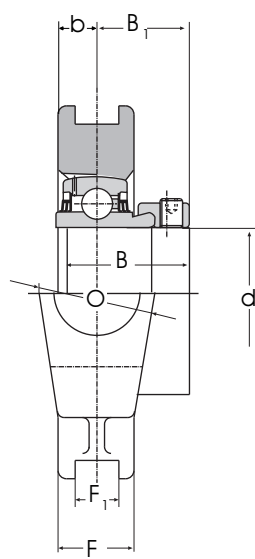
| Symboles de l'ensemble | Diamètre d'arbre d | Symboles des roulements | Poids kg | Charges Dyn. c kN | Stat. c0 kN | B1   | B    |
|------------------------|--------------------|-------------------------|----------|-------------------|-------------|------|------|
| TIU 70                 | 70                 | UC 214                  | 7,2      | 62                | 44          | 44,4 | 74,6 |
| TIH 70                 |                    | HC 214                  | 7,4      | 62                | 44          | 44,6 | 66,1 |
| TIH 70 R3              |                    | HC 214 R3               | 7,4      | 62                | 44          | 44,6 | 66,1 |
| TIU 75                 | 75                 | UC 215                  | 7,6      | 62                | 44,5        | 44,5 | 77,8 |
| TIH 75                 |                    | HC 215                  | 7,8      | 62                | 44,5        | 45,6 | 67,1 |
| TIH 75 R3              |                    | HC 215 R3               | 7,8      | 62                | 44,5        | 45,6 | 67,1 |
| TIK 75                 | 65                 | UK 215                  | 7,6      | 62                | 44,5        | -    | -    |
| TIU 80                 | 80                 | UC 216                  | 8,6      | 72                | 54          | 49,3 | 82,6 |
| TIH 80                 |                    | HC 216                  | 8,8      | 72                | 54          | 47,6 | 71,0 |
| TIH 80 R3              |                    | HC 216 R3               | 8,8      | 72                | 54          | 47,6 | 71,0 |
| TIK 80                 | 70                 | UK 216                  | 8,6      | 72                | 54          | -    | -    |
| TIH 100                | 100                | HC 220                  | 10,5     | 122               | 93          | 49,5 | 75,0 |
| TIH 120                | 120                | HC 224                  | 22,0     | 155               | 131         | 52,5 | 81,0 |



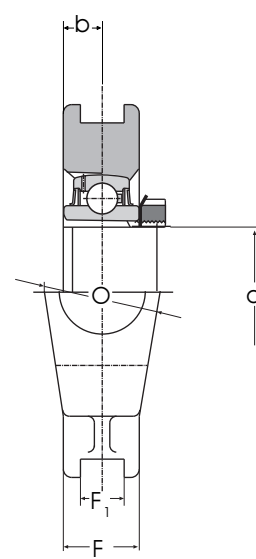
TI



TIH



TIH-R3



TIK

| Diamètre<br>d'arbre<br>d | Dimensions en mm |                |     |     |    |                |    |                |    |    |                |     |      |
|--------------------------|------------------|----------------|-----|-----|----|----------------|----|----------------|----|----|----------------|-----|------|
|                          | L                | L <sub>1</sub> | E   | A   | K  | K <sub>1</sub> | T  | A <sub>1</sub> | W  | F  | F <sub>1</sub> | O   | b    |
| 70                       | 224              | 137            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 46 | 26             | 70  | 23   |
|                          | 224              | 137            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 46 | 26             | 70  | 23   |
|                          | 224              | 137            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 46 | 26             | 70  | 23   |
| 75                       | 232              | 140            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 48 | 26             | 70  | 24   |
|                          | 232              | 140            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 48 | 26             | 70  | 24   |
|                          | 232              | 140            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 48 | 26             | 70  | 24   |
| 65                       | 232              | 140            | 151 | 167 | 41 | 70             | 32 | 111            | 21 | 48 | 26             | 70  | 24   |
| 80                       | 235              | 140            | 165 | 184 | 41 | 70             | 32 | 111            | 21 | 51 | 26             | 70  | 25,5 |
|                          | 235              | 140            | 165 | 184 | 41 | 70             | 32 | 111            | 21 | 51 | 26             | 70  | 25,5 |
|                          | 235              | 140            | 165 | 184 | 41 | 70             | 32 | 111            | 21 | 51 | 26             | 70  | 25,5 |
| 70                       | 235              | 140            | 165 | 184 | 41 | 70             | 32 | 111            | 21 | 51 | 26             | 70  | 25,5 |
| 100                      | 295              | 180            | 215 | 240 | 47 | -              | 40 | 130            | 30 | 60 | 28             | 90  | 30   |
| 120                      | 345              | 210            | 255 | 285 | 55 | -              | 45 | 150            | 35 | 70 | 32             | 100 | 35   |