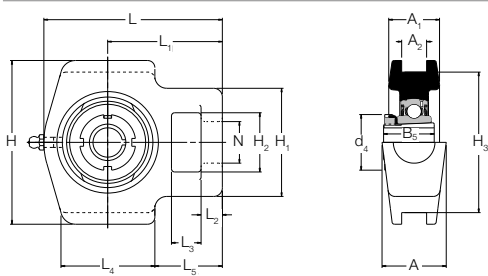


# Self-Lube® cast iron take-up bearing units with adapter sleeves

## MST 1000-K Series



MST1000-K

| Shaft diameter | RHP designation complete unit | Sleeve, nut & lockwasher only | Units without sleeve, nut & lockwasher | Basic bearing | Casting group insert | Dimensions (mm) |                |                |                |                |                |
|----------------|-------------------------------|-------------------------------|----------------------------------------|---------------|----------------------|-----------------|----------------|----------------|----------------|----------------|----------------|
| mm inches      |                               |                               |                                        |               |                      | L               | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> |
| 20             | MST1025-20K                   | H305                          | MST1025K                               | 1025          | ST3                  | 98.0            | 62.0           | 11.5           | 16.0           | 50.5           | 36.5           |
| ¾              | MST1025-¾K                    | HE305-¾                       |                                        |               |                      |                 |                |                |                |                |                |
| 25             | MST1030-25K                   | H306                          | MST1030K                               | 1030          | 1                    | 115.5           | 71.7           | 12.5           | 16.5           | 64.5           | 43.0           |
| ⅞              | MST1030-⅞K                    | HE306-⅞                       |                                        |               |                      |                 |                |                |                |                |                |
| 1              | MST1030-1K                    | HE306-1                       |                                        |               |                      |                 |                |                |                |                |                |
| 30             | MST1035-30K                   | H307                          | MST1035K                               | 1035          | 2                    | 124.0           | 75.5           | 12.5           | 16.5           | 64.5           | 43.0           |
| 1⅛             | MST1035-1⅛K                   | HE307-1⅛                      |                                        |               |                      |                 |                |                |                |                |                |
| 1⅜             | MST1035-1⅜K                   | HE307-1⅜                      |                                        |               |                      |                 |                |                |                |                |                |
| 35             | MST1040-35K                   | H308                          | MST1040K                               | 1040          | 3                    | 143.5           | 89.2           | 15.5           | 20.5           | 81.5           | 50.5           |
| 1¼             | MST1040-1¼K                   | HE308-1¼                      |                                        |               |                      |                 |                |                |                |                |                |
| 1⅝             | MST1040-1⅝K                   | HE308-1⅝                      |                                        |               |                      |                 |                |                |                |                |                |
| 40             | MST1045-40K                   | H309                          | MST1045K                               | 1045          | 4                    | 147.0           | 89.2           | 15.5           | 20.5           | 81.5           | 50.5           |
| 1⅞             | MST1045-1⅞K                   | HE309-1⅞                      |                                        |               |                      |                 |                |                |                |                |                |
| 1½             | MST1045-1½K                   | HE309-1½                      |                                        |               |                      |                 |                |                |                |                |                |
| 45             | MST1050-45K                   | H310                          | MST1050K                               | 1050          | 5                    | 151.0           | 90.5           | 15.5           | 20.5           | 81.5           | 50.5           |
| 1⅞             | MST1050-1⅞K                   | HE310-1⅞                      |                                        |               |                      |                 |                |                |                |                |                |
| ¾              | MST1050-¾K                    | HE310-¾                       |                                        |               |                      |                 |                |                |                |                |                |
| 50             | MST1055-50K                   | H311                          | MST1055K                               | 1055          | 6                    | 182.0           | 114.0          | 19.0           | 32.0           | 97.5           | 70.0           |
| 1⅞             | MST1055-1⅞K                   | HE3011-1⅞                     |                                        |               |                      |                 |                |                |                |                |                |
| 2              | MST1055-2K                    | HE3011-2                      |                                        |               |                      |                 |                |                |                |                |                |

Please check availability

| Dimensions (mm) |                |                |                |      |      |                |                |                |                | ISO Load ratings                     |                                     | Rec max. speed | Mass (approx.) |
|-----------------|----------------|----------------|----------------|------|------|----------------|----------------|----------------|----------------|--------------------------------------|-------------------------------------|----------------|----------------|
| H               | H <sub>1</sub> | H <sub>2</sub> | H <sub>3</sub> | N    | A    | A <sub>1</sub> | A <sub>2</sub> | B <sub>5</sub> | d <sub>4</sub> | dynamic<br>C <sub>r</sub><br>newtons | static<br>C <sub>r</sub><br>newtons | rev/min        | kg             |
| 88.5            | 58.5           | 32.0           | 76.0           | 22.5 | 36.0 | 27.5           | 13.50          | 29.0           | 38.0           | 14000                                | 7880                                | 6250           | 1.0            |
| 101.5           | 64.5           | 37.5           | 89.0           | 22.5 | 36.5 | 30.0           | 13.50          | 31.0           | 45.0           | 19500                                | 11300                               | 5300           | 1.6            |
| 101.5           | 64.5           | 37.5           | 89.0           | 22.5 | 36.5 | 30.0           | 13.50          | 35.0           | 52.0           | 25700                                | 15300                               | 4500           | 1.6            |
| 118.0           | 82.5           | 49.5           | 101.0          | 29.0 | 49.5 | 37.0           | 17.50          | 36.0           | 58.0           | 32500                                | 19900                               | 4000           | 2.7            |
| 118.0           | 82.5           | 49.5           | 101.0          | 29.0 | 49.5 | 37.0           | 17.50          | 39.0           | 65.0           | 32500                                | 20500                               | 3700           | 2.8            |
| 118.0           | 82.5           | 49.5           | 101.0          | 29.0 | 49.5 | 37.0           | 17.50          | 42.0           | 70.0           | 35000                                | 23200                               | 3400           | 2.8            |
| 146.0           | 101.0          | 64.0           | 130.0          | 35.0 | 63.5 | 46.5           | 27.00          | 45.0           | 75.0           | 43500                                | 29200                               | 3100           | 4.2            |