# FSER

Single Nut with Flange, Long Lead.

Standard nuts are with oil-seals. Other types on request.

All dimensions in mm.

**Material:** Ball screw: S55C (according to standard JIS G4051) / Ball nut: SCM415H (according to standard JIS G4053)

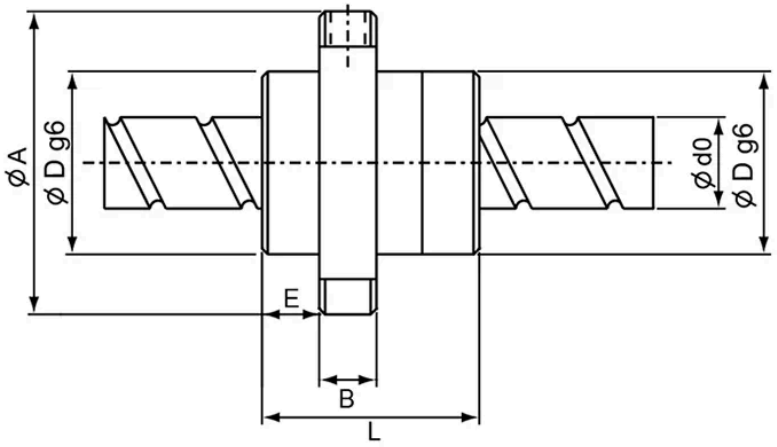


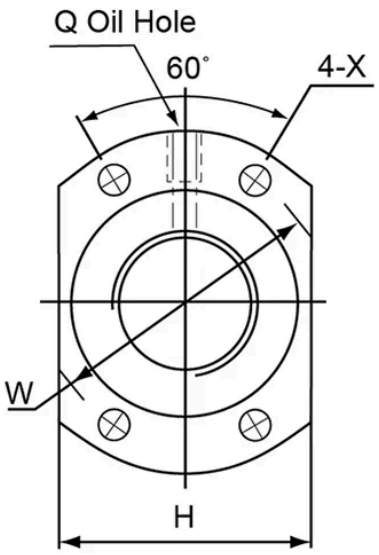

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

# General Data

| Designation | Compatible with | Dynamic Load Ratings Ca (N) | Static Load Ratings C0a (N) | Ball diameter | Turns x circuits |
|---|---|---|---|---|---|
| **FSER1616** | BKN12 / FKN12 / BFN12 / FFN12 | 14833 | 19571 | 3.175 | 1.8 x 2 |
| **FSER2020** | BKN15 / FKN15 / BFN15 / FFN15 | 16275 | 24172 | 3.175 | 1.8 x 2 |
| **FSER2525** | BKN20 / FKN20 / BFN20 / FFN20 | 24339 | 37778 | 3.969 | 1.8 x 2 |
| **FSER3232** | BKN25 / FKN25 / WBK25DF / BFN25 / FFN25 | 35169 | 59557 | 4.762 | 1.8 x 2 |
| **FSER4040** | BKN30 / FKN30 / WBK30DF / WBK30DFF / BFN30 / FFN30 | 56682 | 115297 | 6.35 | 1.8 x 2 |
| **FSER5050** | BKN40 / WBK40DF / WBK40DFF / BFN40 | 86514 | 188754 | 7.938 | 1.8 x 2 |

# Dimensions




| Designation | A | B | D | E | H | L | Q | W | X |
|---|---|---|---|---|---|---|---|---|---|
| **FSER1616** | 53 | 10 | 32 | 10.5 | 38 | 48 | M6 | 42 | 4.5 |
| **FSER2020** | 62 | 10 | 39 | 10.8 | 46 | 55 | M6 | 50 | 5.5 |
| **FSER2525** | 74 | 12 | 47 | 11.2 | 56 | 67 | M6 | 60 | 6.6 |
| **FSER3232** | 92 | 15 | 58 | 14 | 68 | 82 | M6 | 74 | 9 |
| **FSER4040** | 114 | 17 | 73 | 17 | 84 | 100 | M6 | 93 | 11 |
| **FSER5050** | 135 | 20 | 90 | 21.5 | 92 | 125 | M6 | 112 | 14 |

| Designation | d0 x Lead |
|---|---|
| **FSER1616** | 16 x 16 |
| **FSER2020** | 20 x 20 |
| **FSER2525** | 25 x 25 |
| **FSER3232** | 32 x 32 |
| **FSER4040** | 40 x 40 |
| **FSER5050** | 50 x 50 |


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