

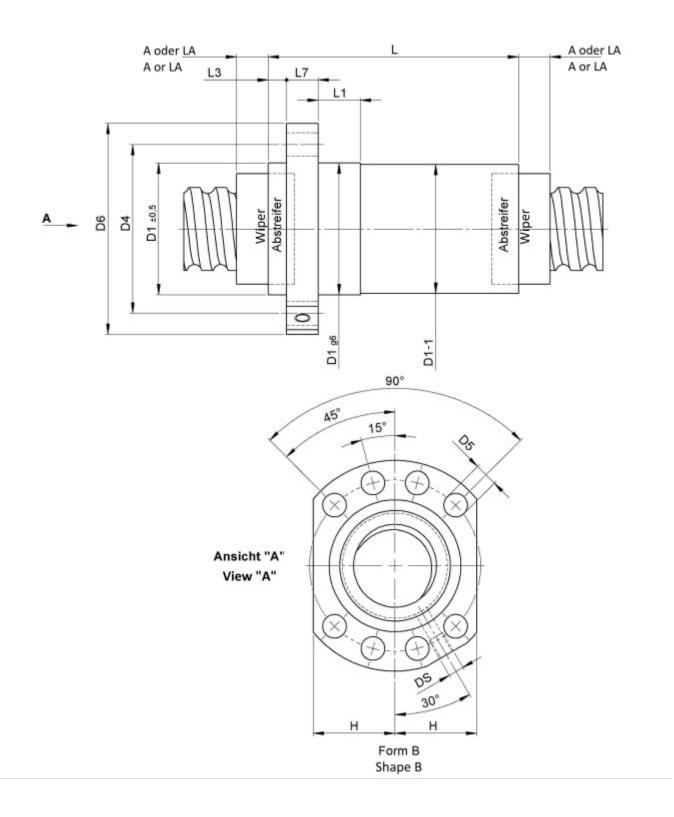
## 1516/5.50.3,5.5E

## DESCRIPTION

- ETA+ Nut Series with internal ball return
- Flange nut, with standard wipers on both ends
- Nut shape according to DIN for assembly by flange
- Single start ball thread, ground execution according to accuracy class
  P1 - P5



## TECHNICAL DATA AND DIMENSIONS



| Series                      |      |    | 1516 | Flange thickness      | [mm]   | L7     | 16     |
|-----------------------------|------|----|------|-----------------------|--------|--------|--------|
| Nominal diameter            | [mm] | dN | 50   | Dynamic load capacity | [kN]   | Ca     | 41,20  |
| Lead                        | [mm] | Ρ  | 5    | Static load capacity  | [kN]   | C0a    | 88,50  |
| Ball circles                |      | i  | 2x5  | Ball diameter         | [mm]   | dW     | 3,5    |
| Additional wiper extensions | [mm] | LA | 9    | DN-value              |        |        | 105000 |
| for combination wipers      |      |    |      |                       |        |        |        |
| Pilot Length                | [mm] | L1 | 10   | No. of starts         |        |        | 1      |
| Pilot diameter              | [mm] | D1 | 75   | Stiffness             | [N/µm] | Rnu,ar | 1470   |
| Pilot diameter tolerance    | [mm] |    | g6   | Friction torque FROM  | [Ncm]  |        | 24,7   |
| Bolt circle diameter        | [mm] | D4 | 93   | Friction torque TO    | [Ncm]  |        | 57,7   |
| Flange hole diameter        |      | D5 | 11   | Max. preload          | [kN]   |        | 4,12   |
| Lube hole                   | [mm] | DS | M8x1 | Accuracy              |        |        | Ρ      |
| Flange diameter             | [mm] | D6 | 110  | Nut length            | [mm]   | L      | 111    |
| Flange flat dimension       | [mm] | Н  | 42,5 | Wiper extension       | [mm]   | L3     | 6      |
|                             |      |    |      |                       |        |        |        |

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