

Couplings

For Mini Linear Units MGBS & MGTB.

Dimensions in mm.

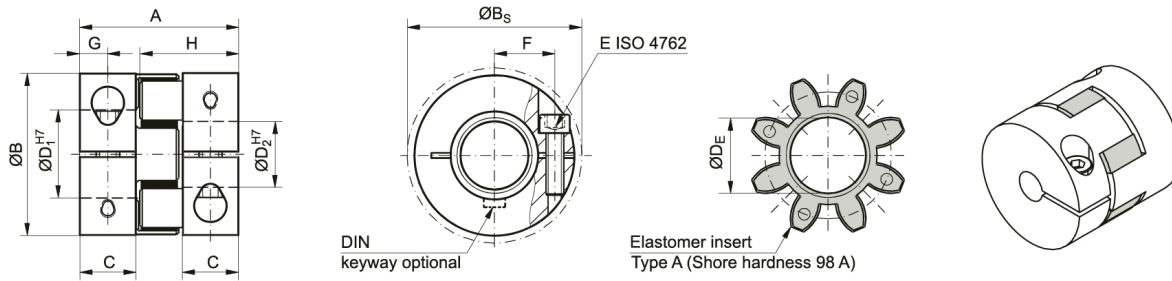


General Data

| Designation | Compatible with | Rated Torque (Nm) | Max. Torque (Nm) | Tightening Torque of the Clamping Screw (Nm) | Moment of inertia per hub (10^{-3} kg m^2) |
|-------------|-----------------|-------------------|------------------|--|--|
| EKL 2 | VK 32 | 2 | 4 | 0.6 | 0.003 |
| EKL 5 | VK 45 | 9 | 18 | 2 | 0.02 |
| EKL 10 | VK 60 | 12.5 | 25 | 4 | 0.03 |

| Designation | Weight (kg) | Speed standard (min^{-1}) |
|-------------|-------------|--------------------------------------|
| EKL 2 | 0.008 | 15000 |
| EKL 5 | 0.02 | 15000 |
| EKL 10 | 0.05 | 13000 |

Dimensions



| Designation | A | B | BS | C | D1 | D2 | DE | E | F |
|-------------|----|----|----|------|----|------|------|----|------|
| EKL 2 | 20 | 16 | 17 | 6 | 3 | 8 | 6.2 | M2 | 5.5 |
| EKL 5 | 26 | 25 | 25 | 8 | 4 | 12.7 | 10.2 | M3 | 8 |
| EKL 10 | 32 | 32 | 32 | 10.3 | 4 | 16 | 14.2 | M4 | 10.5 |

| Designation | G | H | Permissible bore diameters |
|-------------|---|------|--|
| EKL 2 | 3 | 12 | 3 / 4 / 5 / 6.35 / 8 |
| EKL 5 | 4 | 16.7 | 4 / 5 / 6.35 / 8 / 10 / 12.7 |
| EKL 10 | 5 | 20.7 | 4 / 5 / 6.35 / 8 / 10 / 12.7 / 14 / 16 |