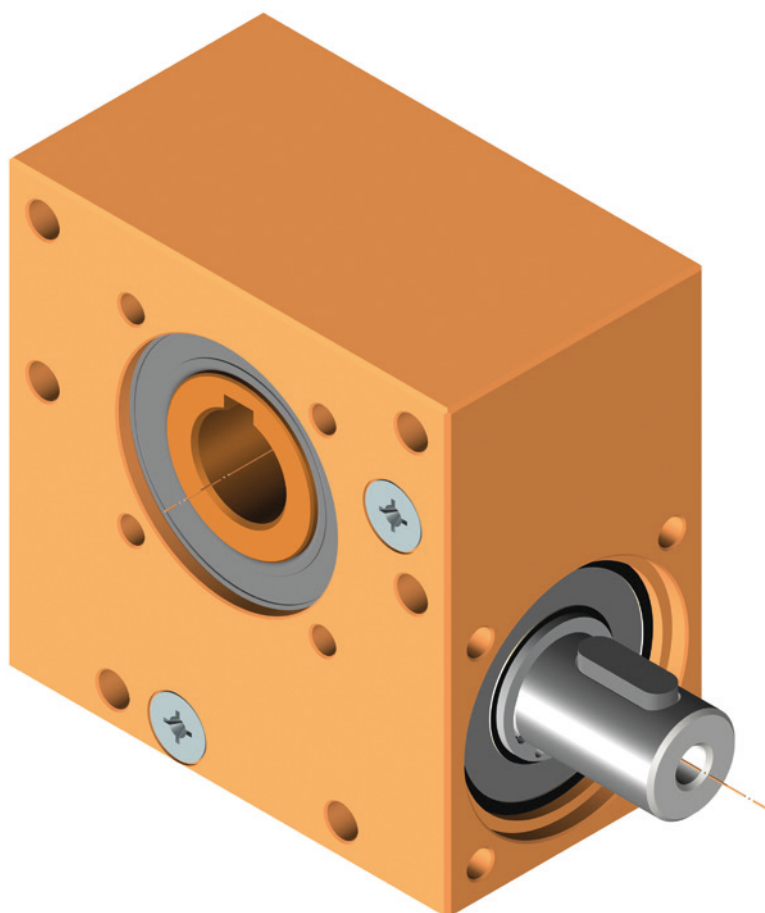


Worm gear



Bevel gears/
Worm gears

2010



Description:

- Worm gear for universal applications
- Center distance 20 mm
- Compact design
- Outer dimensions 60x60x35 mm
- 7 ratios of 13:1 to 65:1
- Aluminium housing, anodized
- Maintenance-free

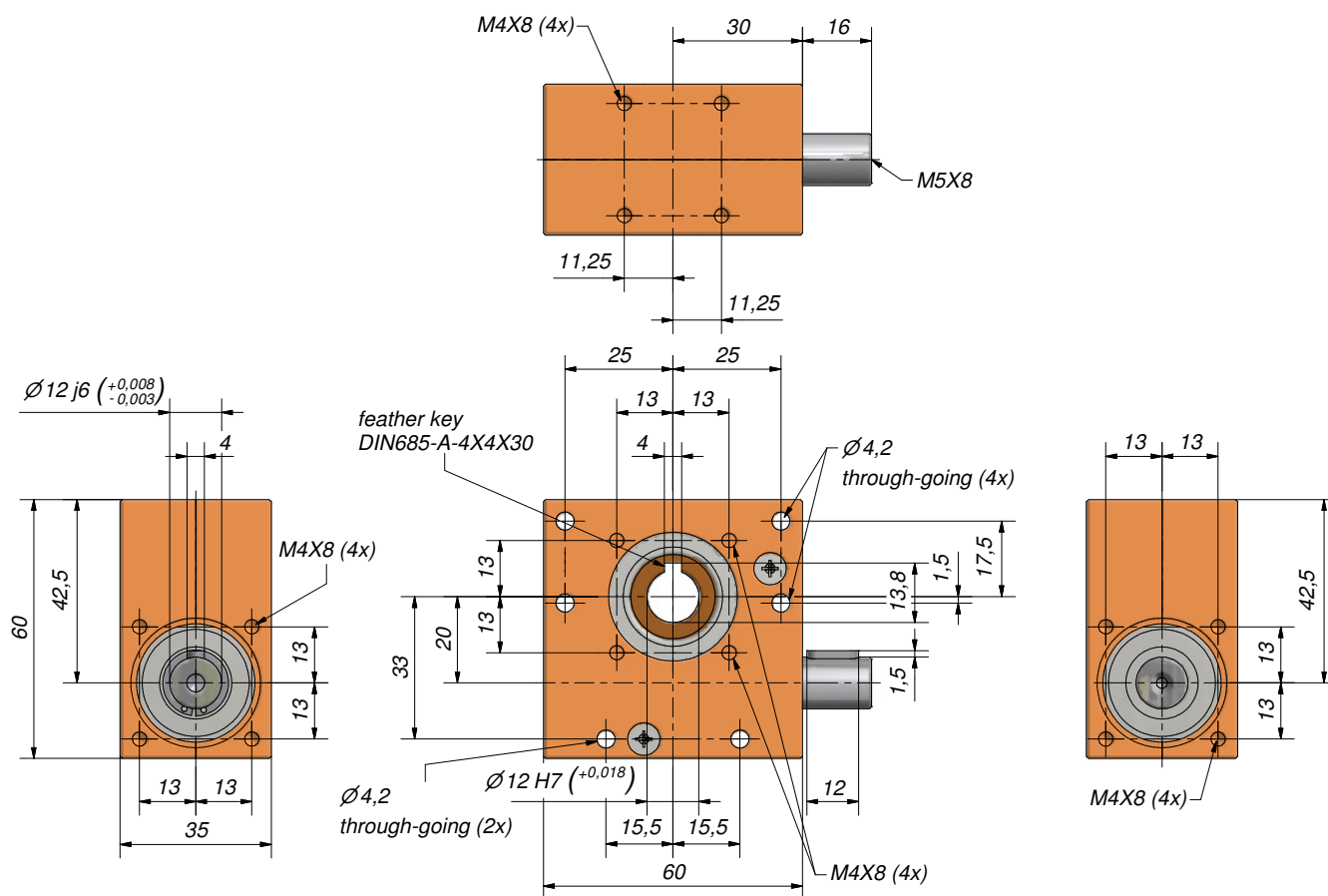
Special features:

- Smallest dimensions for max. torque
- Smooth and silent running
- Simple screw mounting

Customer specific:

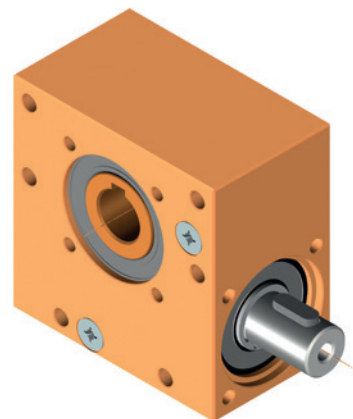
Other ratios are available on request.

Worm gear 2010



Technical data

- Aluminium housing, anodized
- Outer dimensions 60x60x35 mm
- Input Ø12j6, output Ø12H7
- Permitted operating temperature -20 to 60 °C
- Backlash +/-1°
- Duty cycle of 20% (at 5 min.)
- Lifetime at 500 min⁻¹ and duty cycle of 20% is about 1000 hours



Item number	Ratio <i>i</i>	Self locking static	Max. torque <i>M</i> in Nm	Speed range <i>n</i> in rpm	Radial force ¹⁾ <i>F_R</i> in N	Axial force ²⁾ <i>F_A</i> in N	Weight in g
2010.00-V01R65	65 : 1	yes	4.5 / 5.0 / 5.0	100 / 500 / 1000	200	200	432
2010.00-V02R40	40 : 1	yes	9.5 / 9.5 / 9.5	100 / 500 / 1000	250	250	426
2010.00-V03R30	30 : 1	yes	15.0 / 14.0 / 13.5	100 / 500 / 1000	250	250	438
2010.00-V04R23	23 : 1	yes	16.5 / 16.0 / 15.0	100 / 500 / 1000	250	250	428
2010.00-V05R18	18 : 1	yes	17.5 / 16.0 / 15.0	100 / 500 / 1000	350	350	426
2010.00-V06R15	15 : 1	no	17.5 / 16.5 / 15.0	100 / 500 / 1000	400	400	425
2010.00-V07R13	13 : 1	no	18.0 / 17.0 / 15.5	100 / 500 / 1000	500	500	422

¹⁾ maximum radial force at *F_A*=0

²⁾ maximum axial force at *F_R*=0