

DE-17-001331/00 pos. 1/A

Bevel helical Gearmotor – G series

Motor catalogue TX (Frequency 50 Hz)

Application given data

N.A.

Designation: MR CI 125 UO2A - 38 x 300 - 25 V5 without motor
Mounting position V5, $n_1 = 1400$ [min⁻¹]

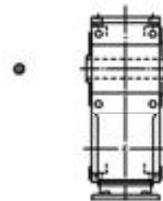
Standard product : Yes

Accessories and special designs

Reducer/Gearmotor specifications

Transmission ratio i		25,0
Output speed n_2	[min ⁻¹]	56,0
Input speed n_1	[min ⁻¹]	1400
Input power P_1	[kW]	N.A.
Output torque M_2	[N m]	N.A.
Service factor f_s		N.A.
Efficiency		0,96
Mass of gear reducer (without motor)	[kg]	89
Previsional lubricant quantity	[l]	8,9
ISO viscosity grade (T 10-40 °C)	[cSt]	220

Top view with M.P. B3



Nominal Data

Nominal input power P_{N1}	[kW]	15,0
Nominal output power P_{N2}	[kW]	14,4
Nominal output torque M_{N2}	[N m]	2461
Maximum output torque M_{2max}	[N m]	3937

Verifications

Safety factor on M_{2peak}	N.A.
Thermal power verification	N.A.
External loads verification	N.A.

N.A: Not Applied

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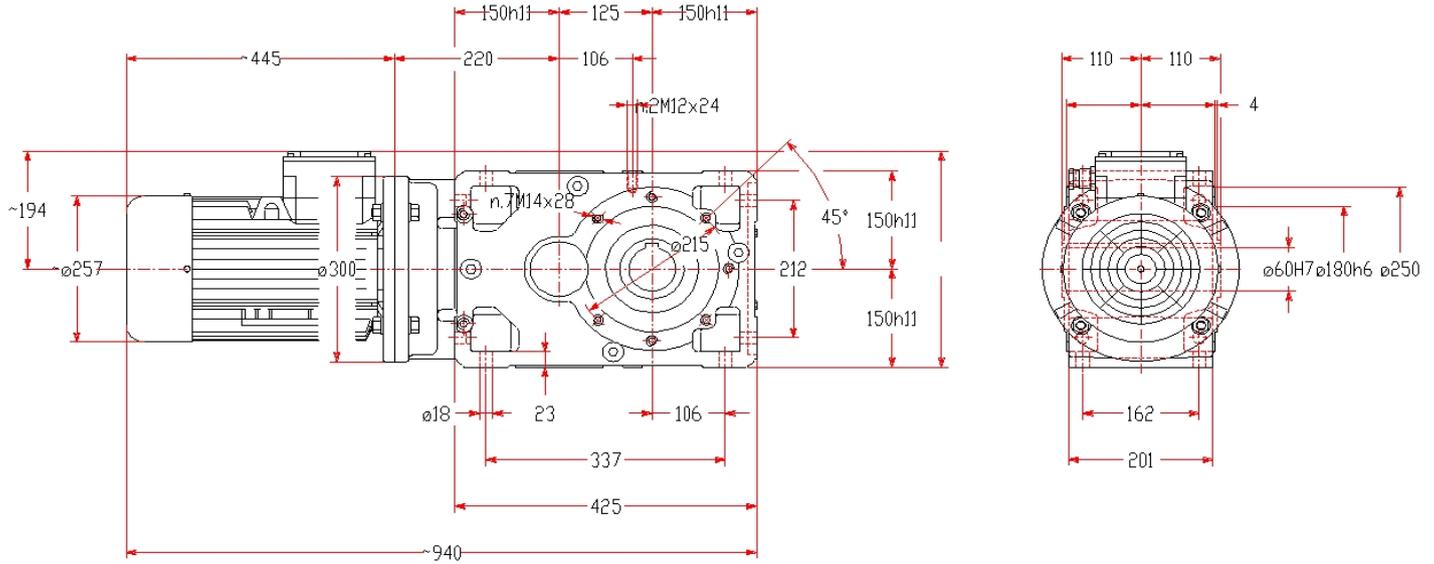
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Main Dimensions [mm] (only for standard gearbox, in case of non-standard design see the drawing on the next page)



- a) The effective dimensions of electric motor may not match with the ones stated, in case of accessories etc.: consult us in case of trouble regarding the overall dimensions;
- b) The position of motor terminal box shown in the dimensional drawing is the standard one and may not match with the really required position;
- c) In case of brake motor the dimensional drawing always shows the release lever which is supplied only on request;
- d) When offering a gearmotor without motor, motor dimensions stated in the drawing must be updated by the Customer according to the really applied motor;

Informations and warnings:

Mounting nuts: M16 UNI 5588. With screw UNI 5737, see pag. 370 Cat. G series

Maximum bending moment on flange: 560 [N m]

Notes:

This technical datasheet does not include the following configurations:

- 1) Double seal on high speed shaft
- 2) Special Input 28x250

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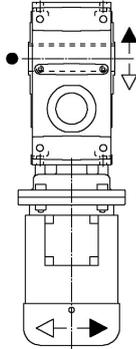
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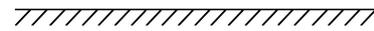
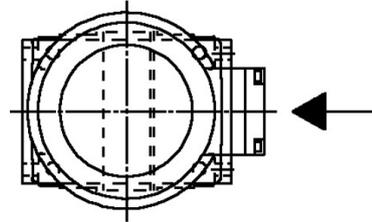
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Design: UO2A

Mounting position: V5

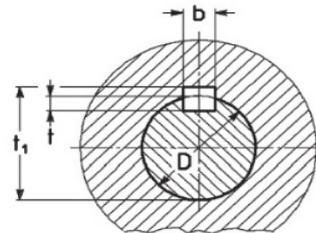
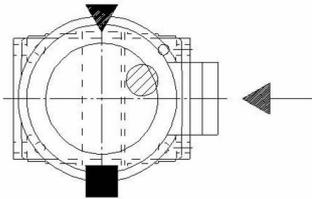


● Groove side



Plugs position (supplied without oil as standard)

Standard hollow low speed shaft



D	b x h x l	b	t	t ₁
ø60 H7	18 x 11 x 140	18	7	64,4

- ▼ = filler plug (in view/not in view)
- = level plug (in view/not in view)
- = drain plug (in view/not in view)

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