

DE-17-000575/00 pos. 1

Bevel helical Gearmotor – G series

Motor catalogue TX (Frequency 50 Hz)

**Application given data**

N.A.

**Designation:** MR ICI 80 UO3A - 24 x 200 - 52 B3 without motor  
Mounting position B3,  $n_1 = 1400$  [min<sup>-1</sup>]

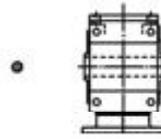
Standard product : Yes

**Accessories and special designs**

**Reducer/Gearmotor specifications**

Transmission ratio $i$		52,0
Output speed $n_2$	[min <sup>-1</sup> ]	26,9
Input speed $n_1$	[min <sup>-1</sup> ]	1400
Input power $P_1$	[kW]	N.A.
Output torque $M_2$	[N m]	N.A.
Service factor $f_s$		N.A.
Efficiency		0,94
Mass of gear reducer (without motor)	[kg]	28
Previsional lubricant quantity	[ l ]	1,6
ISO viscosity grade (T 10-40 °C)	[cSt]	220

Top view with M.P. B3



**Nominal Data**

Nominal input power $P_{N1}$	[kW]	1,73
Nominal output power $P_{N2}$	[kW]	1,63
Nominal output torque $M_{N2}$	[N m]	580
Maximum output torque $M_{2max}$	[N m]	928

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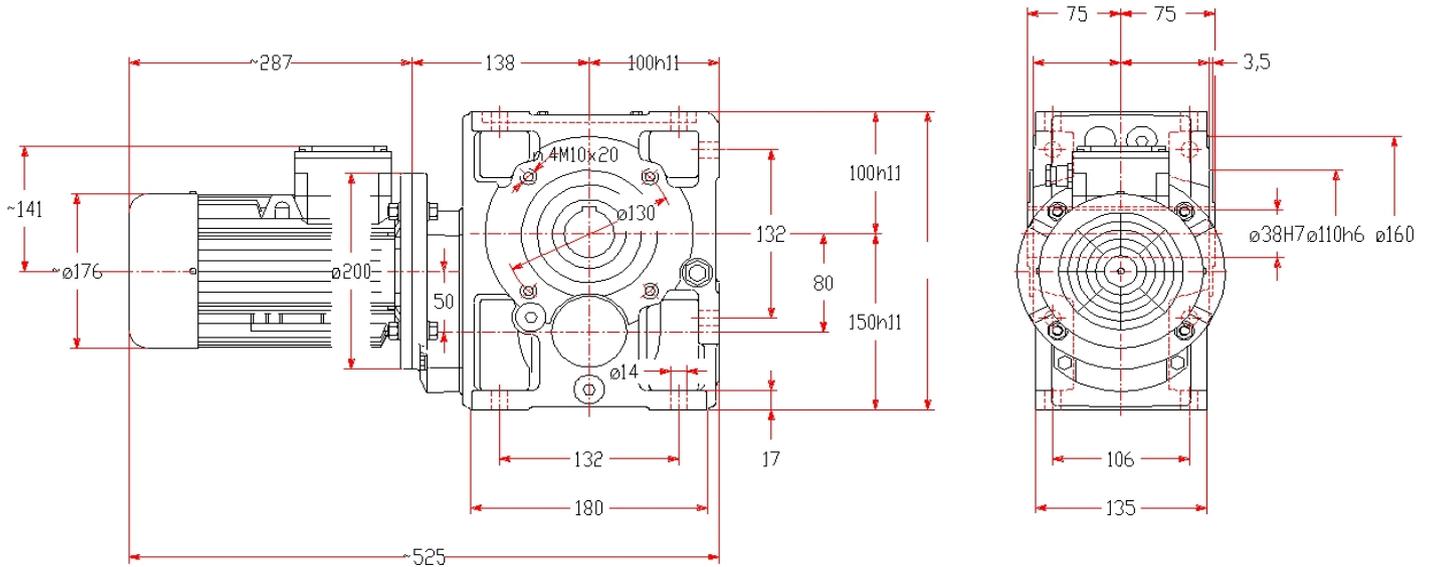
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Main Dimensions [mm] (only for standard gearbox, in case of non-standard design see the drawing on the next page)



- 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: M12 UNI 5588. With screw UNI 5737, see pag. 370 Cat. G series

Maximum bending moment on flange: 112 [N m]

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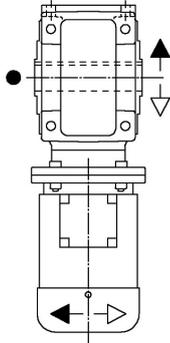
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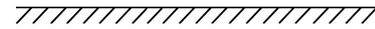
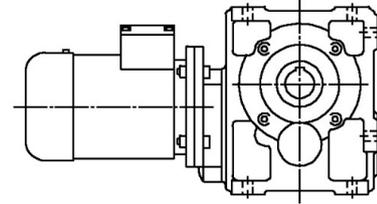
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**Design: UO3A**

**Mounting position: B3**



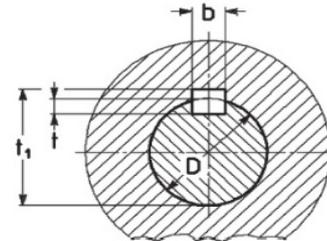
● Groove side



**Plugs position**

**Standard hollow low speed shaft**

**SUPPLIED FILLED**  
**WITH OIL**  
**(FOR LIFE)**



D	b x h x l	b	t	t <sub>1</sub>
ø38 H7	10 x 8 x 90	10	5,5	40,7

- ▽ = 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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