

DE-17-000511/00 pos. 1

Bevel helical Gearmotor – G series

Motor catalogue TX (Frequency 50 Hz)

**Application given data**

N.A.

**Designation:** MR CI 80 UO3A - 28 x 250 - 26 B3 without motor  
 Mounting position B3,  $n_1 = 1400$  [min<sup>-1</sup>]

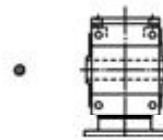
Standard product : Yes

**Accessories and special designs**

**Reducer/Gearmotor specifications**

Transmission ratio $i$		26,0
Output speed $n_2$	[min <sup>-1</sup> ]	53,8
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		0,96
Mass of gear reducer (without motor)	[kg]	25
Previsional lubricant quantity	[ l ]	1,3
ISO viscosity grade (T 10-40 °C)	[cSt]	220

Top view with M.P. B3



**Nominal Data**

Nominal input power $P_{N1}$	[kW]	3,35
Nominal output power $P_{N2}$	[kW]	3,22
Nominal output torque $M_{N2}$	[N m]	572
Maximum output torque $M_{2max}$	[N m]	916

**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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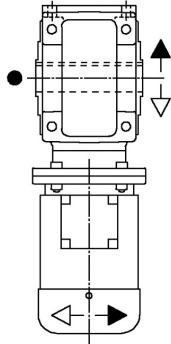
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Bevel helical Gearmotor - catalogue G

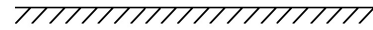
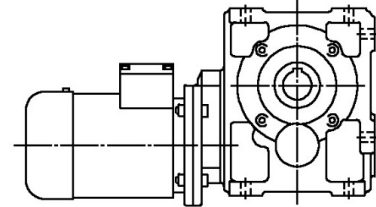
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Design: UO3A

Mounting position: B3



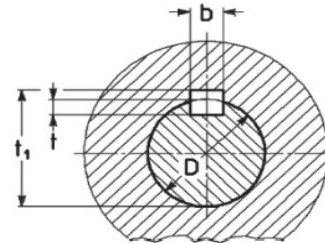
● Groove side



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)