



80807001-17 W



- ✓ Torque rating of gearboxes: 5 Nm, metal gears
- ✓ Motors: nominal power 9 W to 15 W
- ✓ Speed range: 1.04 to 208 rpm
- ✓ Replaceable brushes

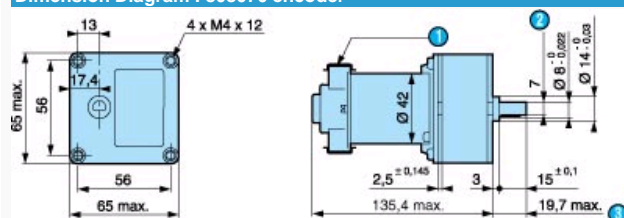
General characteristics

Motor	828000
Gearbox	810370
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)	5
Axial load dynamic (daN)	2
Radial load dynamic (daN)	3
Max. output power (W)	17
Nominal output (W)	15,6
Gearbox case temperature rise (°C)	40
Weight (g)	800

Made to order products, available on request

- ✓ Other supply voltages
- ✓ Motor with 1 ball bearing at front (essential for vertical motor)
- ✓ Shaft lengths at front and/or rear
- ✓ Special interference suppression
- ✓ 5 pulses/revolution magnetic encoder
- ✓ Other fixing flanges on front
- ✓ Drawn cup needle bearing for 81 032 6
- ✓ Special cover for 81 032 6
- ✓ Special greasing
- ✓ Special shaft
- ✓ Other reduction ratios

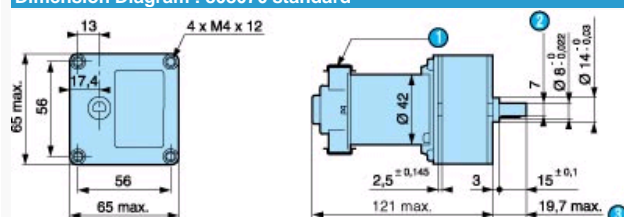
Dimension Diagram : 808070 encoder



N° Legend

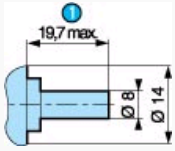
- | N° | Legend |
|----|----------------------------------|
| 1 | 2 tags IEC 760, series 4.8 x 0.5 |
| 2 | 7 across flats |
| 3 | Shaft pushed-in |

Dimension Diagram : 808070 standard



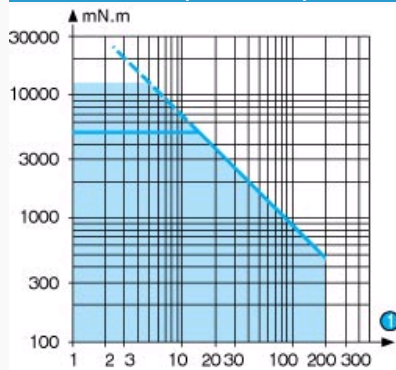
N°	Legend
1	2 tags IEC 760, series 4.8 x 0.5
2	7 across flats
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Dimension Diagram : Gearbox shaft 79206478



N°	Legend
1	Shaft pushed-in

Curves : Curve: torque/nominal speed 808070



N°	Legend
1	rpm

Special adaptations

- ✓ Special supply voltage
- ✓ Optical or Hall effect encoder
- ✓ Special connections
- ✓ Special shaft
- ✓ Special reduction ratio (40 ratios available from 4 to 3750)
- ✓ Special materials for gears
- ✓ Special ball bearings
- ✓ Special adaptor plate
- ✓ With 828105 or 828005 motor
- ✓ With 82830 - 30 W motor