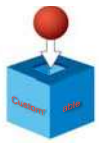
➜ 2 Nm double ovoid 1.4 and 3.2 Watts

- Gearbox 2 Nm nominal
- Class A EMC interference suppression (radiated)
- Compatible with 6 V, 9 V or 12 V battery power supply
- Optional class B interference suppression
- Optional 1, 5, 12 or 48 pulses/rev encoder

Part numbers

		1.4 W	1.4 W	3.2 W	3.2 W
Type		827190	827190	827290	827290
Voltage		12 V	24 V	12 V	24 V
Output speed (rpm)	**Ratios (i)**				
21	160	●	●	**82729001**	**82729005**
18	192	●	●	**82729002**	**82729006**
16	216	●	●	**82729003**	**82729007**
14	250	●	●	**82729004**	**82729008**
11	320	●	●	●	●
8	400	●	●	●	●
6	600	-	-	●	●
5	800	-	-	●	●
3	1500	-	-	●	●
General characteristics					
Motor		82710001	82710002	82720001	82720002
Gearbox		810330	810330	810330	810330
Maximum permitted torque from gearmotor under continuous conditions for 1 million turns (Nm)		2	2	2	2
Axial load static (daN)		1	1	1	1
Radial load static (daN)		10	10	10	10
Max. output power (W)		1.4	1.4	3.2	3.2
Nominal output (W)		1	1	2.6	2.6
Gearbox case temperature rise (°C)		40	40	40	40
Weight (g)		200	200	220	220

Product adaptations

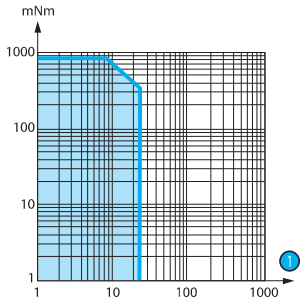


- Special supply voltage
- Lead output
- Special connectors
- Special shaft
- Special reduction ratio
- Special materials for gears
- Special ball bearings
- Special adaptor plate
- Class B EMC filter
- Friction
- Y system
- Greasing at low temperature
- 1 to 48 pulses/revolution encoder

Stocked product Product made to order To order, see page 18

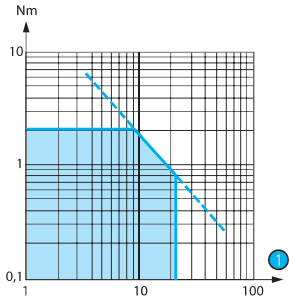
Curves

Curve: torque/nominal speed 827190



1 rpm

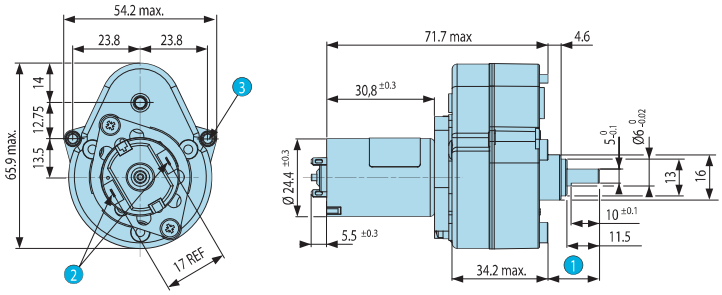
Curve: torque/nominal speed 827290



1 rpm

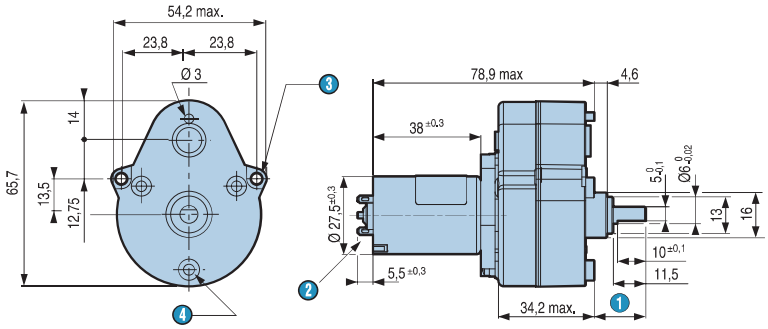
Dimensions

827190



1. 18.2 mm max. shaft pushed-in
2. 2 solder tags 2.8 x 0.5 mm
3. 2 fixing holes Ø 3.2

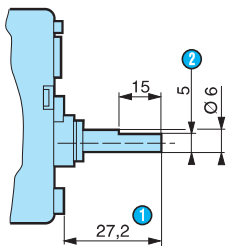
827290



1. 18.2 mm max. shaft pushed-in
2. 2 solder tags 2.8 x 0.5 mm
3. 2 fixing holes Ø 3.2 mm
4. 3 bosses Ø 7.2 at 120° on R=19.5 with M3 holes, depth : 4 mm

Options

Shaft 79202573



1. Shaft pushed-in
2. 5 across flats