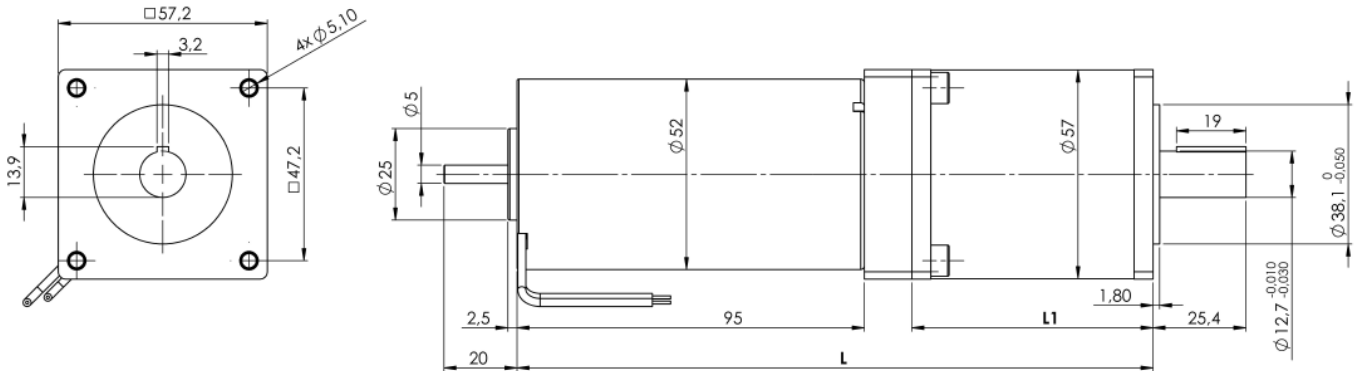


RATIO	ETAPAS/STAGES	L	L1
10	1	162	54
25	2	166.5	66
50	2	174	66
125	3	179.5	79
250	3	187	79



TECHNICAL CHARACTERISTICS

High endurance planetary gearbox for heavy duty continuous workload in any position, at room temperature from -20 to 65°C, with **torque load up to 35 Nm, steady load.**

- **Box.** Steel box. Frontal mounting by four Ø5,1 holes.
- **Gear set.** Hardened steel gears guaranteeing an excellent lifetime.
- **Output shaft.** Ø12,7 mm. Stainless steel shaft, 25 mm usable length, with a standar keyway
- **Output shaft load:**
 - Axial direction, pull or push 490N.
 - Radial direction, at 5 mm from box 560N.


MOTOR COUPLING:

- **Direct C:** GR53x30 type 12 or 24 V

OPTIONAL:

- Speed regulation with electronic controller

Your special requests are welcome.

			MOTORES DE C.C. - DC MOTORS DUNKER GR53x30					
			GR53x30 12V			GR53x30 24V		
Reducción Ratio i = X:1	Nº Etapas Stages	Eficiencia Efficiency	No load speed Vo (r.p.m.)	Nominal Speed Vn (r.p.m.)	Nominal Torque (N.m)	No load speed Vo (r.p.m.)	Nominal Speed Vn (r.p.m.)	Nominal Torque (N.m)
10	1	0,85	449,00	379,00	0,76	420,00	360,00	0,81
25	2	0,72	179,60	151,60	1,61	168,00	144,00	1,73
50	2	0,72	89,80	75,80	3,21	84,00	72,00	3,46
125	3	0,61	35,92	30,32	6,82	33,60	28,80	7,35
250	3	0,61	17,96	15,16	13,64	16,80	14,40	14,70

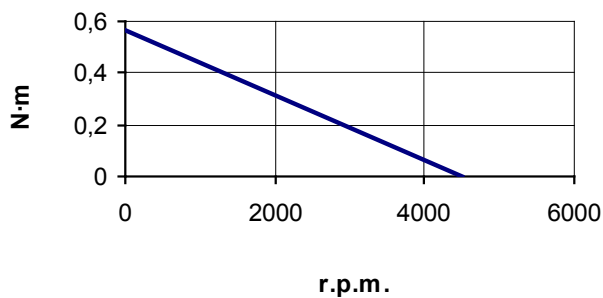
NO LOAD SPEED / RATED TORQUE

Motor GR53x30 -12V = 4490 rpm / 0,09 Nm

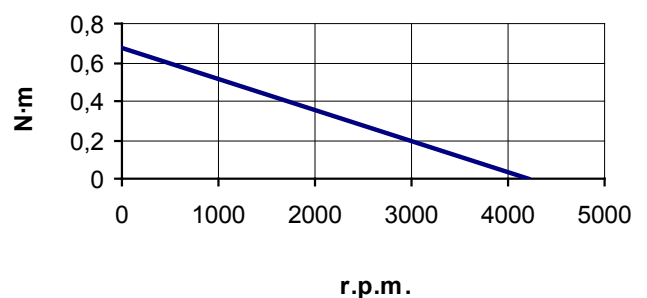
Motor GR53x30 -24V = 4200 rpm / 0,10 Nm

CURVES

GR53x30 12V



GR53x30 24V



GEARBOX TIPS:

Noise: noise level depends on load symmetry, location (avoid acoustic resonance), and rotation speed; the lower the speed on the input shaft (motor), the lower the noise.