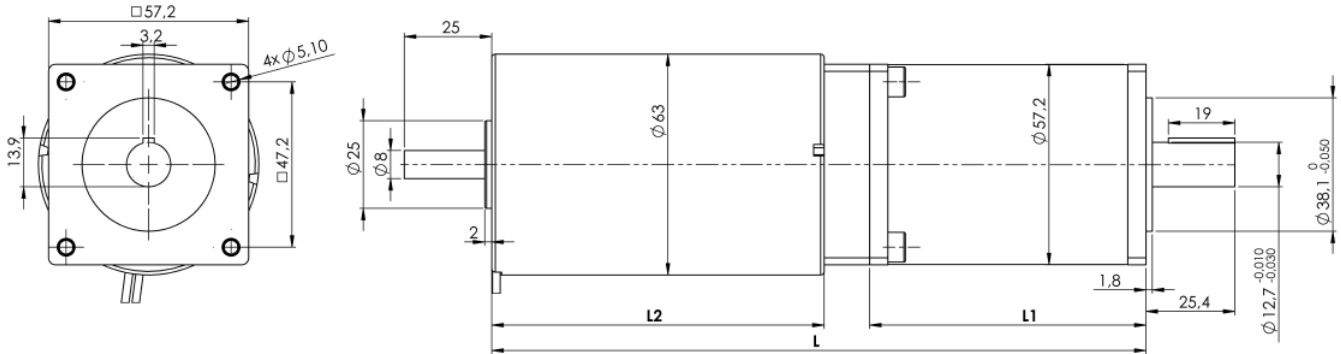


Motor Dunker GR63x25				
RATIO	ETAPAS/STAGES	L	L1	L2
10	1	162	54	95
25	2	174	66	95
50	2	174	66	95
100	2	174	66	95
125	3	187	79	95
250	3	187	79	95
500	3	187	79	95
1000	3	187	79	95

Motor Dunker GR63x55				
RATIO	ETAPAS/STAGES	L	L1	L2
10	1	192	54	125
25	2	204	66	125
50	2	204	66	125
100	2	204	66	125
125	3	217	79	125
250	3	217	79	125
500	3	217	79	125
1000	3	217	79	125



## 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  $\varnothing 5,1$  holes.
- **Gear set.** Hardened steel gears guaranteeing an excellent lifetime.
- **Output shaft.**  $\varnothing 12,7$  mm. Stainless steel shaft, 25 mm usable length, with a keyway
- **Output shaft load:**
  - Axial direction, pull or push 490N.
  - Radial direction, at 5 mm from box 560N.


### MOTOR COUPLING:

- **Direct C:** GR63x55 type 12 or 24 V

### OPTIONAL:

- Speed regulation with electronic controller
- Brake

Your special requests are welcome.

			MOTORES DE C.C. - DC MOTORS DUNKER GR63x55					
			GR63x55 12V			GR63x55 24V		
Reducción Ratio $i = X:1$	Nº Etapas Stages	Eficiencia Efficiency	No load speed $V_0$ (r.p.m.)	Nominal Speed $V_n$ (r.p.m.)	Nominal Torque (N.m)	No load speed $V_0$ (r.p.m.)	Nominal Speed $V_n$ (r.p.m.)	Nominal Torque (N.m)
10	1	0,85	350,00	300,00	2,04	365,00	335,00	2,30
25	2	0,72	140,00	120,00	4,34	146,00	134,00	4,88
50	2	0,72	70,00	60,00	8,67	73,00	67,00	9,75
125	3	0,61	28,00	24,00	18,42	29,20	26,80	20,73
250	3	0,61	14,00	12,00	36,85	14,60	13,40	<b>Ex. Torque max. 35 N.m</b>

NO LOAD SPEED / RATED TORQUE

Motor GR63x55 -12V = 3500 rpm / 0,24 Nm

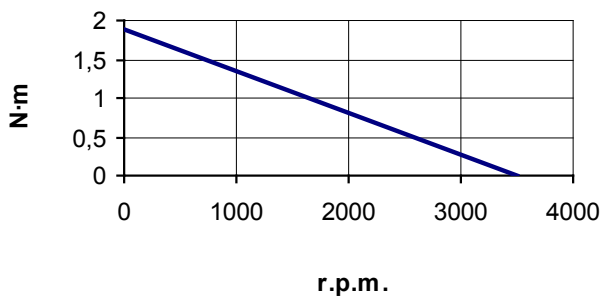
Motor GR63x55 -24V = 3650 rpm / 0,27 Nm

**Ex**

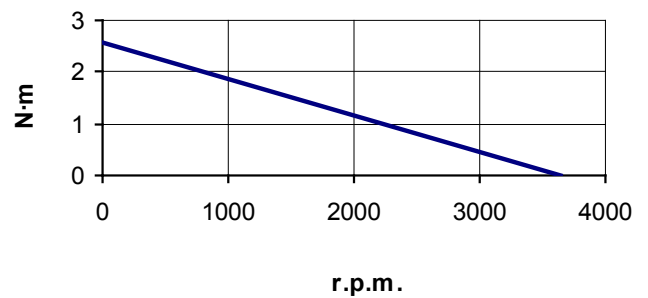
Exceeds maximal  
admissible torque

## CURVES

**GR63x55 12V**



**GR63x55 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.