

Helical Small Gearing Motor SF with DC motor, 24V

Housing: Steel, zinc-plated.
Can be mounted in any position.
Teeth: Steel gears.

Bearing: Sintered bronze plain bearings.

Lubrication: Maintenance free grease lubrication.

Motor: Brushed DC motor 24 V. motor speed 6500 min⁻¹, interference-free. Change the direction of rotation by switching the polarity. Protection class: IP 20.

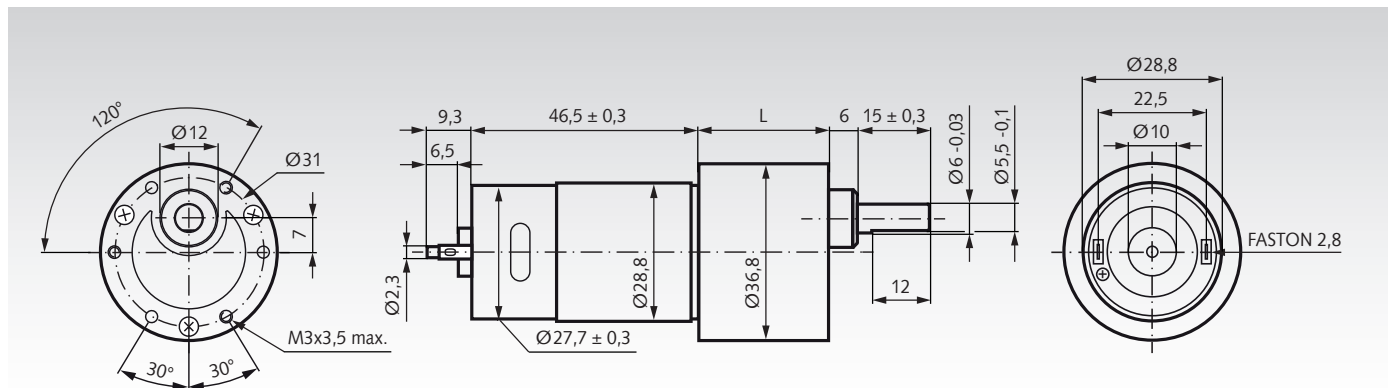
Operating mode: S2-10 min.

Permissible ambient operating temperature: -10 to +60°C.

Ideal drive for short term operation, e.g. for actuating device.



Ordering Details: e.g.: Type, idle speed, Product No.



Product No. 24V	Idle Speed n_0 min ⁻¹	Nominal Speed n_N min ⁻¹	Nominal Torque M_N Nm	Nominal Current I_N A	Nominal Power P_N W	Tightening Torque M_A Nm	Ratio i	Dimension L mm	Weight g
430 460 24	2	1,5	2,00	0,4	0,31	2,1	3000:1	32,0	220
430 461 24	6	5,0	1,60	0,4	0,84	1,9	1000:1	29,5	210
430 463 24	27	22,0	1,30	0,4	2,99	1,6	250:1	27,0	200
430 464 24	43	38,0	0,80	0,4	3,18	1,2	150:1	27,0	200
430 466 24	90	75,0	0,45	0,6	3,53	0,8	75:1	24,5	200
430 467 24	130	115,0	0,30	0,6	3,61	0,6	50:1	24,5	200
430 468 24	210	190,0	0,18	0,6	3,58	0,4	30:1	22,0	190
430 469 24	610	530,0	0,10	0,6	5,55	0,2	10:1	19,5	190

Permissible radial shaft load F_R : (10 mm from bearing collar): 9.8 N.

Permissible axial shaft load F_A : 6.7 N.

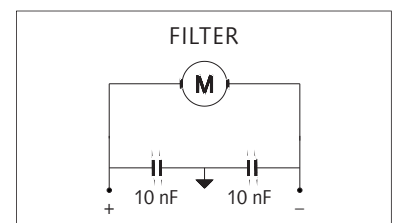
Note

All values are averages, measured with the motor cold. Deviations of 15% are possible.

To prevent the gearbox from being overloaded, the stated limit loads must not be exceeded.

Other types (other speeds, optional incremental encoder) available on request.

Factory interference suppression



Speed controllers
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