

Helical Small Geared 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.

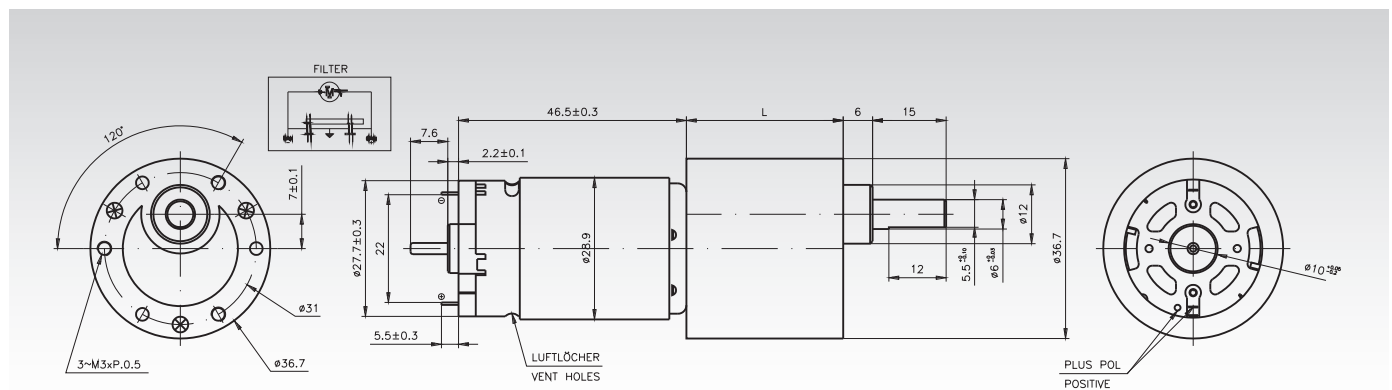
Operating mode: S2-10 min.

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.

Speed controllers

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