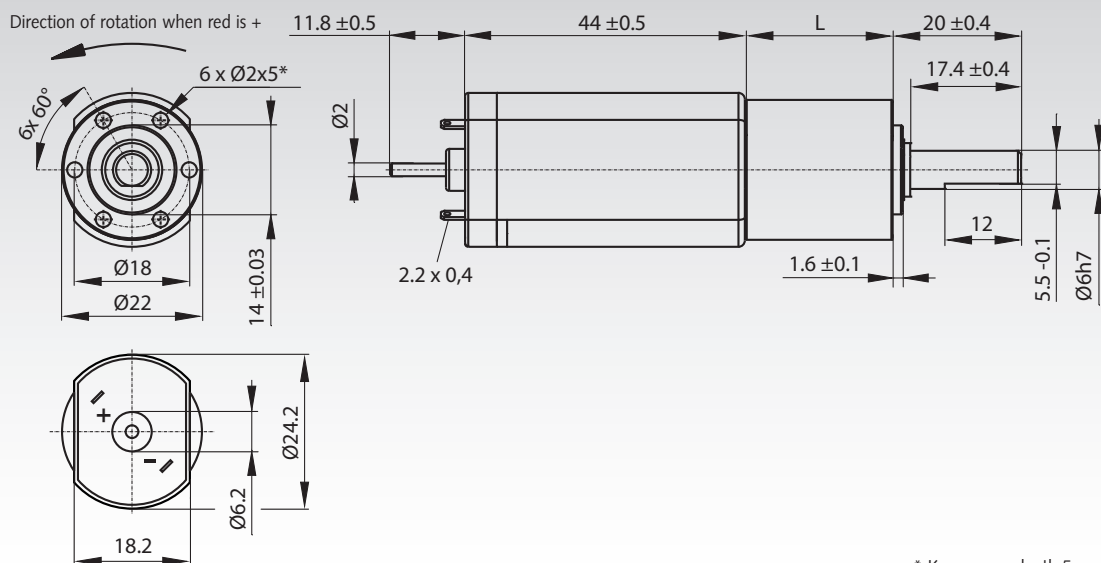


Planetary Small Geared Motor SFP with DC Motor, Size 1

Housing: Motor: Steel, zinc-plated. Gearbox: made of plastic.
Can be mounted in any position.
Teeth: Gear set made from plastic.
Bearing: Output side, plain bearing, motor side, plain bearing.
Lubrication: Maintenance free grease lubrication.
Motor: Brushed DC motor 24 V.
Change the direction of rotation by switching the polarity.
Protection class acc. to EN 60529: IP 30.
Operating mode as per VDE 0530: S1 at nominal torque
(continuous torque), S2 at higher load.



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



* Keep screw depth 5mm!
Fastening torque max. 40 +0.5 Ncm.

Product No.	Nominal Voltage V	Idle Speed n_0 min ⁻¹	Nominal Speed n_N min ⁻¹	Nominal Torque M_N Nm	max. Torque M_{max} Nm	max. Current I_{max} A	Gear stages	Ratio i	L mm	Weight g
Size 1										
430 371 24	24	19	19	0,20	0,40	0,1	3	422:1	39	90
430 372 24	24	38	36	0,60	1,20	0,3	3	213:1	39	90
430 373 24	24	68	62	0,60	1,20	0,4	3	121:1	39	90
430 374 24	24	140	136	0,20	0,40	0,3	2	56:1	31	90
430 375 24	24	290	243	0,29	1,15	1,4	2	28:1	31	90
430 376 24	24	460	378	0,18	0,40	0,8	2	18:1	31	90
430 377 24	24	1090	870	0,09	0,35	1,6	1	7,5:1	23	90
430 378 24	24	2280	1852	0,04	0,17	1,6	1	3,6:1	23	90

Permissible radial shaft load F_R : Products with 1 gear stage 15 N; with 2 gear stages 35 N; with 3 gear stages 55 N.
Permissible axial shaft load F_A : 25 N.

Note

All values are averages, measured with the motor cold. Deviations of 10% are possible.
To prevent the gearbox from being overloaded, the stated limit loads must not be exceeded.

Other types (other speeds, optional incremental encoder, 12V) available on request.

Speed controllers
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