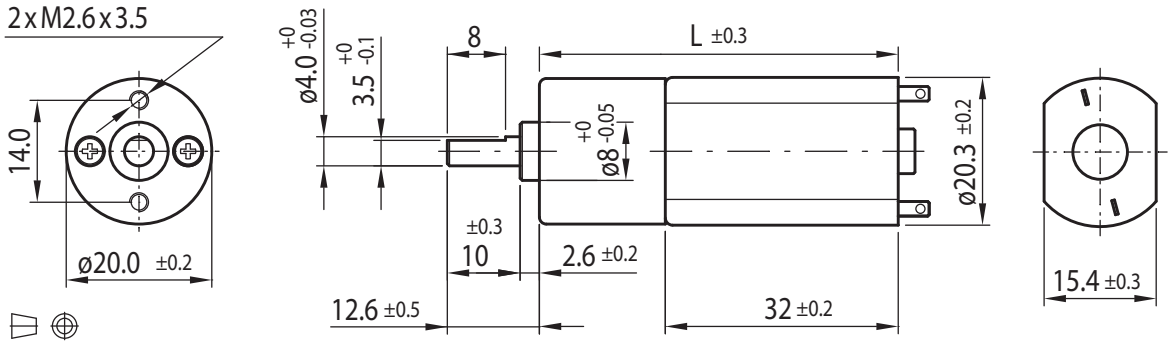
DC Motor
Spur Gearbox
Type SZ20-DC20.32

PowerTronic

Gearmotor

Gear Ratio		10	13	18	29	42	52	67	80	99	120	150	179	225	275	350	430	549	689	794	866
12 V	Rated Torque (Ncm)	1.6	2	2.5	4.1	5.1	6.2	8.1	8.6	11	13	15	17.7	18	18	18	18	18	18	18	18
	Rated Speed (min^{-1})	655	525	364	226	159	129	100	84	67	56	45	37	31	26	21	17	13	11	9	9
24 V	Rated Torque (Ncm)	1.6	2	2.5	4.1	5.1	6.2	8.1	8.6	11	13	15	1.77	18	18	18	18	18	18	18	18
	Rated Speed (min^{-1})	720	580	403	250	176	142	110	93	74	62	50	41	34	29	23	19	15	12	11	9
	Length L (mm)	48.5	48.5	52.0	52.0	52.0	52.0	52.0	53.8	53.8	53.8	53.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3

Rel. Humidity: 20 to 85 % | Ambient Temp.: -10 to +60 °C | Net Weight max. 64 g



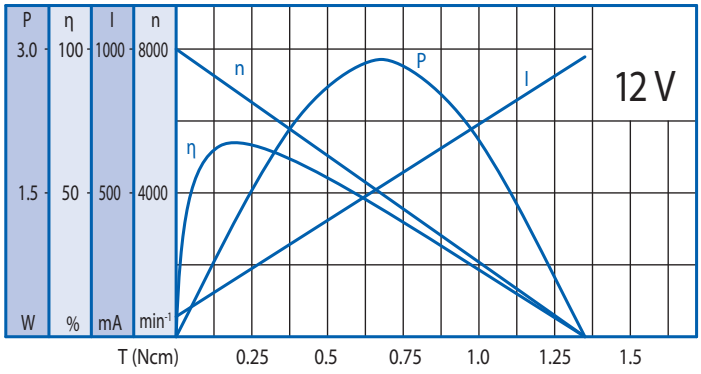
Options

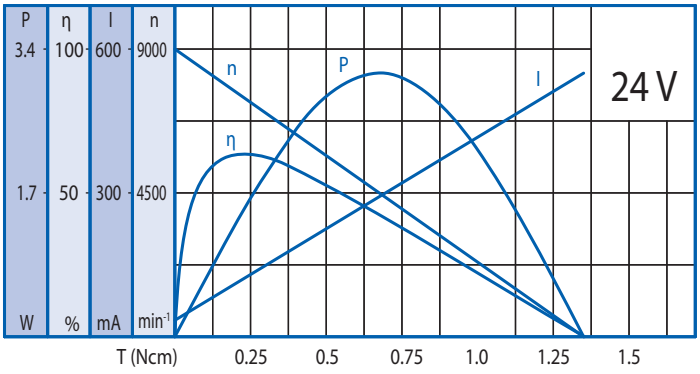
- Encoder
- Rear Shaft
- EMC Filter
- Leads
- Connector
- Special Shaft
- Special Voltage

Motor

Rated Voltage (V)	Rated Torque (Ncm)	Rated Speed (min^{-1})	Rated Current (mA)	No Load Speed (min^{-1})	No Load Current (mA)	Rated Power (W)
12	0.22	6700	≤200	8000	≤50	1.5
24	0.22	7400	≤110	9000	≤30	1.7

Also available as standard: 3 V and 6 V





Gearbox

Gear Ratio	10	13	18	29	42	52	67	80	99	120	150	179	225	275	350	430	549	689	794	866
Max. Rated Torque (Ncm)	4	4	6	6	10	10	10	12	12	15	15	18	18	18	18	18	18	18	18	18
Max. Peak Torque (Ncm)	12	12	18	18	30	30	30	36	36	45	45	54	54	54	54	54	54	54	54	54

Radial Load (FR): 4 N (10 mm from face mounting) | Axial Load (FA): 2 N

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