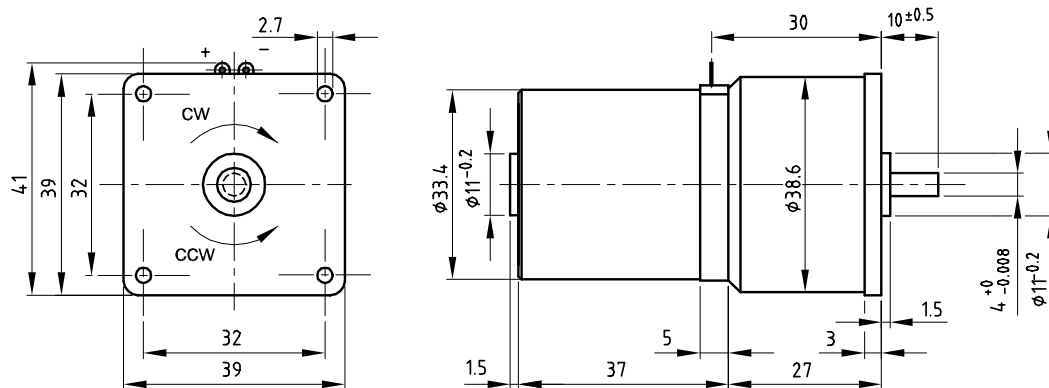




Gear Motor data

Gear motor Order number				Gear ratio	Direction of rotation	Nominal voltage [V]	Maximal voltage [V]	Maximum torque continuous [Nm] (nominal load)	Maximum torque intermittent [Nm]	Speed at no load [rpm]	Speed at nominal load [rpm]	Current at no load [mA]	Current at nominal load [mA]	Maximal radial force [N]	Maximal axial force [N]
9904 120 52 +	401			5.57:1	cw	6	7.2	0.015	0.03	660	520	85	350	2	2
	601					12	14.4			614	525	55	170		
	701					24	28.8			646	540	30	90		
	402			9:1	cw	6	7.2	0.025	0.05	415	310	85	350	2	2
	602					12	14.4			380	310	55	170		
	702					24	28.8			400	335	30	90		
	403			16.7:1	ccw	6	7.2	0.05	0.1	215	170	85	350	4	4
	603					12	14.4			205	170	55	175		
	703					24	28.8			218	180	30	90		
	404			27:1	ccw	6	7.2	0.08	0.16	133	112	85	350	4	4
	604					12	14.4			130	107	55	175		
	704					24	28.8			135	113	30	90		
	405			50:1	cw	6	7.2	0.15	0.3	75	58	85	350	6	6
	605					12	14.4			67	57	55	175		
	705					24	28.8			73	60	30	90		
	406			81:1	cw	6	7.2	0.15	0.3	45	39	85	240	6	6
	606					12	14.4			42	39	55	150		
	706					24	28.8			44	41	30	67		
	407			150.4:1	ccw	6	7.2	0.15	0.3	24	21	85	165	8	8
	607					12	14.4			23	22	55	90		
	707					24	28.8			24	23	30	50		
	408			243:1	ccw	6	7.2	0.15	0.3	15	14	85	140	8	8
	608					12	14.4			15	14	55	80		
	708					24	28.8			15	14	30	42		
	409			451.25:1	cw	6	7.2	0.15	0.3	8.2	8.1	85	120	10	10
	609					12	14.4			8	7.8	55	75		
	709					24	28.8			8	7.8	30	35		
	411			729:1	cw	6	7.2	0.15	0.3	4.8	5	85	110	10	10
	611					12	14.4			4.8	5	55	70		
	711					24	28.8			4.8	5	30	33		

Motor data

	Nominal Voltage [V]	Rotor resist. [Ohm]	Speed at no load [rpm]	Stall torque [mNm]	Torque const. [mNm/A]
9904 120 524..	6	3.6	3800	23	14
9904 120 526..	12	15	3550	23	30
9904 120 527..	24	58	3550	23	61

General data

*	Type of bearings	sleeve	
*	Commutation system	graphite / copper	
*	Gear material	plastic	
*	Axial play	0.5	mm
*	Ambient temp. range operating	-20/+60	°C
*	Ambient temp. range storage	-40/+70	°C
*	Thermal resistance winding-ambient	30	K/W
*	Mass of gear motor	125	g
Options : Special shafts /Other supply voltages			

PREMOTEC

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