

IC 34 Iron Core DC gear motor

0.6Nm

Options:

- Special shafts
- Other supply voltages
- Connection wires



Gear motor data

Motor order number	Gear ratio	Direction of rotation	Nominal voltage (V)	Maximal voltage (V)	Maximal torque continuous (Nm)(nominal load)	Maximum torque intermittent (Nm)	Speed at no load (rpm)	Speed at nominal load	Current at no load (mA)	Current at nominal load (mA)	Maximal radial force (N)	Maximal axial force (N)
9904 120 53 406	81:1	cw	6	7.2	0.24	0.48	47.3	39.2	103	460	6	6
9904 120 53 606	81:1	cw	12	14.4	0.24	0.48	45.3	35.6	48	215	6	6
9904 120 53 706	81:1	cw	24	28.8	0.24	0.48	45.4	35.8	24	108	6	6
9904 120 53 407	150.4:1	ccw	6	7.2	0.45	0.8	25.5	16.8	103	502	8	8
9904 120 53 607	150.4:1	ccw	12	14.4	0.45	0.8	24.4	18.5	48	234	8	8
9904 120 53 707	150.4:1	ccw	24	28.8	0.45	0.8	24.4	18.6	24	118	8	8
9904 120 53 408	243:1	ccw	6	7.2	0.6	0.8	15.8	11.3	103	434	8	8
9904 120 53 608	243:1	ccw	12	14.4	0.6	0.8	15.1	12.1	48	204	8	8
9904 120 53 708	243:1	ccw	24	28.8	0.6	0.8	15.1	12.2	24	101	8	8
9904 120 53 409	451.25:1	cw	6	7.2	0.6	0.8	8.5	7.1	103	300	10	10
9904 120 53 609	451.25:1	cw	12	14.4	0.6	0.8	8.1	7.1	48	140	10	10
9904 120 53 709	451.25:1	cw	24	28.8	0.6	0.8	8.1	7.2	24	70	10	10
9904 120 53 411	729:1	cw	6	7.2	0.6	0.8	5.3	4.7	103	225	10	10
9904 120 53 611	729:1	cw	12	14.4	0.6	0.8	5.0	4.6	48	105	10	10
9904 120 53 711	729:1	cw	24	28.8	0.6	0.8	5.0	4.7	24	53	10	10

Motor data

Motor order number	Nominal voltage	Rotor resistance	Speed at no load (rpm)	Stall torque (mNm)	Torque constant (mNm/A)
9904120534	6	3.6	3800	23	14
9904120536	12	15	3550	23	30
9904120537	24	58	3550	23	61

General data

Type of bearings	sleeve	
Commutation system	Graphite/ copper	
Gear material	Plastic/metal	
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

Dimensional drawing

