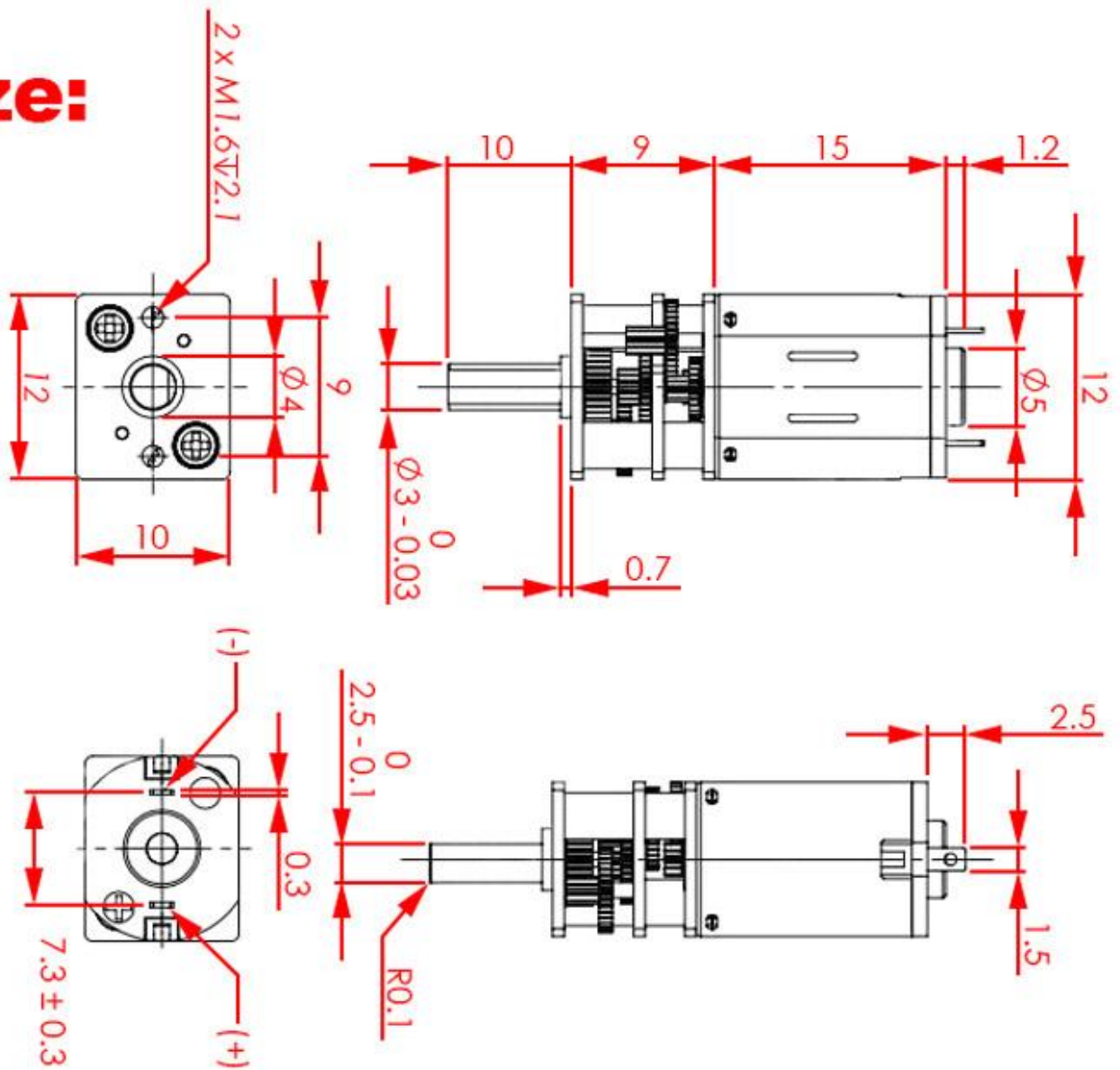


# Size:



Units: mm

Product name : N20 motor

Specification size : total length 35mm shaft length 9mm

Voltage range : 1.5V-12V

Weight : ≈ 9.5g

Application : Intelligent remote control car, model plane, electronic door lock, automatic door lock, toy car DIY professional motor, camera...

Diameter : 12mm Body without shaft length :26mm

Output shaft length : 10mm(D-type shaft)

Model	Parameter table								
	Voltage(V)		Non-loaded		Rated load			Locked-rotor	
12GAN20-X (X is reduction ratio)	Voltage range	Rated voltage	Rotational speed (RPM)	Current (A)	Rotational speed (RPM)	Current (A)	Torque (KG. CM)	Torque (KG. CM)	Current (A)
12GAN20-10	1.5-5	3	1000	0.03	700	0.08	0.02	0.30	0.3
12GAN20-10	1.5-5	3	500	0.01	400	0.03	0.05	0.40	0.1
12GAN20-20	1.5-5	3	250	0.14	200	0.2	0.07	0.56	0.5
12GAN20-30	1.5-5	3	200	0.03	160	0.07	0.09	0.70	0.18
12GAN20-30	1.5-5	3	150	0.01	120	0.03	0.10	0.80	0.23
12GAN20-50	1.5-5	3	100	0.01	80	0.02	0.11	1.00	0.17
12GAN20-100	1.5-5	3	75	0.02	60	0.04	0.15	1.20	0.29
12GAN20-200	1.5-5	3	50	0.01	40	0.02	0.20	1.60	1.0
12GAN20-298	1.5-5	3	30	0.01	25	0.02	0.26	2.00	1.0
12GAN20-298	1.5-5	3	25	0.02	20	0.04	0.50	4.00	1.0
12GAN20-298	1.5-5	3	15	0.01	10	0.04	0.50	4.00	1.0
12GAN20-10	3-9	6	2000	0.04	1500	0.15	0.02	0.30	0.5
12GAN20-10	3-9	6	1000	0.01	800	0.03	0.06	0.40	0.16
12GAN20-20	3-9	6	500	0.16	400	0.23	0.15	1.00	0.56
12GAN20-30	3-9	6	400	0.04	340	0.07	0.17	1.40	0.2
12GAN20-30	3-9	6	300	0.03	240	0.04	0.20	1.60	0.2
12GAN20-50	3-9	6	200	0.03	160	0.06	0.30	1.80	0.23
12GAN20-100	3-9	6	150	0.03	120	0.05	0.35	2.40	0.25
12GAN20-200	3-9	6	100	0.01	80	0.03	0.40	3.20	1.0
12GAN20-298	3-9	6	60	0.03	50	0.05	0.60	3.20	1.0
12GAN20-298	3-9	6	50	0.02	40	0.05	1.50	10.00	1.0
12GAN20-298	3-9	6	30	0.02	25	0.04	1.50	10.00	1.0
12GAN20-10	6-12	12	4000	0.16	3000	0.34	0.04	0.60	0.6
12GAN20-10	6-12	12	2000	0.02	1600	0.06	0.12	1.00	0.35
12GAN20-20	6-12	12	1000	0.19	800	0.28	0.30	2.40	0.6
12GAN20-30	6-12	12	800	0.11	700	0.16	0.35	3.00	0.4
12GAN20-30	6-12	12	600	0.03	500	0.07	0.40	3.20	0.2
12GAN20-50	6-12	12	400	0.11	340	0.17	0.50	4.00	0.3
12GAN20-100	6-12	12	300	0.05	240	0.09	0.60	4.00	0.3
12GAN20-200	6-12	12	200	0.02	160	0.04	1.00	7.00	1.0
12GAN20-298	6-12	12	130	0.11	100	0.18	1.50	9.00	1.0
12GAN20-298	6-12	12	100	0.04	80	0.07	2.00	16.00	1.0
12GAN20-298	6-12	12	60	0.04	40	0.06	2.00	16.00	1.0