



12SG-N20VA gear motor with M4 screw shaft, 3V DC

Model	Voltage	Gea ratio	No-load		Rated			At Stall	
			Speed rpm	Current mA	Speed rpm	Current A	Torque Kg.cm	Torque Kg.cm	Current A
12SG-N20VA-A45-30-55S	3V	30	400	< 45	260	< 0.27	0.12	0.3	< 0.65
12SG-N20VA-A45-50-55S	3V	50	240	< 45	150	< 0.27	0.2	0.5	< 0.65
12SG-N20VA-A45-100-55S	3V	100	120	< 45	80	< 0.27	0.4	1	< 0.65
12SG-N20VA-A45-298-55S	3V	298	40	< 45	26	< 0.27	1.2	3	< 0.65
12SG-N20VA-B26-30-55S	3V	30	270	< 45	170	< 0.18	0.12	0.23	< 0.32
12SG-N20VA-B26-50-55S	3V	50	160	< 45	90	< 0.18	0.2	0.4	< 0.32
12SG-N20VA-B26-100-55S	3V	100	82	< 45	50	< 0.18	0.4	0.75	< 0.32
12SG-N20VA-B26-298-55S	3V	298	27	< 45	16	< 0.18	1.2	2.8	< 0.32



DONGGUAN E-S MOTOR CO.,LTD

Precision Works, Professional Transmission

Tel : 86.135.3263.9595 | E-Mail : sales@e-smotor.com | www.e-smotor.com

12SG-N20VA gear motor with M4 screw shaft, 6V DC

Model	Voltage	Gea ratio	No-load		Rated			At Stall	
			Speed rpm	Current mA	Speed rpm	Current A	Torque Kg.cm	Torque Kg.cm	Current A
12SG-N20VA-A35-30-55S	6V	30	350	< 45	170	< 0.2	0.12	0.3	< 0.25
12SG-N20VA-A35-50-55S	6V	50	210	< 45	150	< 0.2	0.2	0.4	< 0.25
12SG-N20VA-A35-100-55S	6V	100	105	< 45	60	< 0.2	0.4	0.8	< 0.25
12SG-N20VA-A35-298-55S	6V	298	35	< 45	18	< 0.2	1.2	2.3	< 0.25
12SG-N20VA-B26-30-55S	6V	30	550	< 45	320	< 0.25	0.15	0.35	< 0.55
12SG-N20VA-B26-50-55S	6V	50	330	< 45	195	< 0.25	0.25	0.6	< 0.55
12SG-N20VA-B26-100-55S	6V	100	165	< 45	95	< 0.25	0.5	1.1	< 0.55
12SG-N20VA-B26-298-55S	6V	298	54	< 45	32	< 0.25	1.5	3	< 0.55



DONGGUAN E-S MOTOR CO.,LTD

Precision Works, Professional Transmission

Tel : 86.135.3263.9595 | E-Mail : sales@e-smotor.com | www.e-smotor.com

12SG-N20VA gear motor with M4 screw shaft, 12V DC

Model	Voltage	Gea ratio	No-load		Rated			At Stall	
			Speed rpm	Current mA	Speed rpm	Current A	Torque Kg.cm	Torque Kg.cm	Current A
12SG-N20VA-A35-30-55S	12V	30	710	< 55	480	< 0.21	0.15	0.4	< 0.5
12SG-N20VA-A35-50-55S	12V	50	430	< 55	290	< 0.21	0.25	0.7	< 0.5
12SG-N20VA-A35-100-55S	12V	100	210	< 55	145	< 0.21	0.5	1.3	< 0.5
12SG-N20VA-A35-298-55S	12V	298	72	< 55	48	< 0.21	1.5	3	< 0.5
12SG-N20VA-B05-30-55S	12V	30	500	< 30	300	< 0.08	0.12	0.3	< 0.25
12SG-N20VA-B05-50-55S	12V	50	300	< 30	240	< 0.08	0.2	0.4	< 0.25
12SG-N20VA-B05-100-55S	12V	100	150	< 30	90	< 0.08	0.4	0.9	< 0.25
12SG-N20VA-B05-298-55S	12V	298	50	< 30	32	< 0.08	1.2	2.6	< 0.25



DONGGUAN E-S MOTOR CO.,LTD

Precision Works, Professional Transmission

Tel : 86.135.3263.9595 | E-Mail : sales@e-smotor.com | www.e-smotor.com