

15mm stepper with worm gear box

DRIVING VOLTAGE 5 VDC

MOTOR COIL RESISTANCE

31 OHM

driving speed	PPS	400	600	800	1000	1200
MOTOR TORQUE	gf. cm	20	15	12	9	7
Motor speed (RPM)		1200	1800	2400	3000	3600
GEAR RATIO 21	OUT SHAFT TORQUE (gf. cm)	113	85	68	51	40
	OUT SHAFT SPEED (RPM)	57.1	85.7	114.3	142.9	171.4
GEAR RATIO 42	OUT SHAFT TORQUE (gf. cm)	227	170	136	102	79
	OUT SHAFT SPEED (RPM)	28.6	42.9	57.1	71.4	85.7
GEAR RATIO 118	OUT SHAFT TORQUE (gf. cm)	566	425	340	255	198
	OUT SHAFT SPEED (RPM)	10.2	15.3	20.3	25.4	30.5
GEAR RATIO 236	OUT SHAFT TORQUE (gf. cm)	1133	850	680	510	396
	OUT SHAFT SPEED (RPM)	5.1	7.6	10.2	12.7	15.3
GEAR RATIO 302	OUT SHAFT TORQUE (gf. cm)	1329	997	797	598	465
	OUT SHAFT SPEED (RPM)	4.0	6.0	7.9	9.9	11.9
GEAR RATIO 399	OUT SHAFT TORQUE (gf. cm)	1756	1317	1053	790	614
	OUT SHAFT SPEED (RPM)	3.0	4.5	6.0	7.5	9.0
GEAR RATIO 515	OUT SHAFT TORQUE (gf. cm)	2266	1700	1360	1020	793
	OUT SHAFT SPEED (RPM)	2.3	3.5	4.7	5.8	7.0
GEAR RATIO 603	OUT SHAFT TORQUE (gf. cm)	2653	1990	1592	1194	929
	OUT SHAFT SPEED (RPM)	2.0	3.0	4.0	5.0	6.0
GEAR RATIO 798	OUT SHAFT TORQUE (gf. cm)	3511	2633	2107	1580	1229
	OUT SHAFT SPEED (RPM)	1.5	2.3	3.0	3.8	4.5
GEAR RATIO 1030	OUT SHAFT TORQUE (gf. cm)	4532	3399	2719	2039	1586
	OUT SHAFT SPEED (RPM)	1.2	1.7	2.3	2.9	3.5

