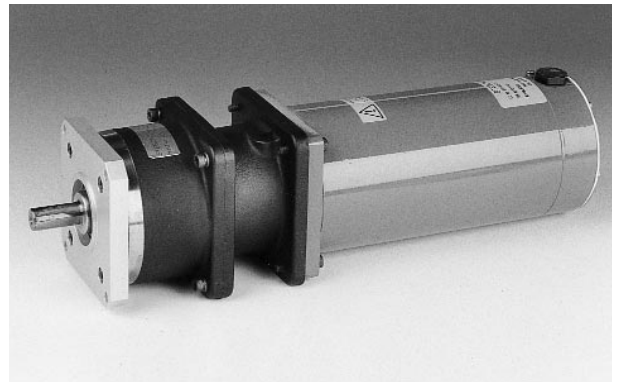


STEBON GEARED MOTORS

Frame G1100

The STEBON Frame G1100 geared stepper motors, designed to retain the standard stepper motor NEMA 42 mounting flange, offer many features which make them an ideal choice on motion control systems.

- o Maintenance free.
- o Low backlash – 20' standard.
- o High efficiency.
- o High load bearing capacity.
- o Needle bearings on planet gears for high accuracy.
- o Low friction torque.
- o Integer ratios.
- o Minimum inertia.
- o Other gearboxes available for special applications not covered by the standard range.



Gearbox Ratings

Input		1-stage				2-stage					3-stage				
		4	5	7	10	16	20	25	35	50	64	80	100	125	175
Ratio															
Rated speed	rpm	4000													
Max. speed	rpm	6000													
Rated torque	Nm	15.60	12.50	8.93	6.25	4.12	3.30	2.64	1.88	1.32	1.09	0.87	0.70	0.56	0.40
Pulse torque	Nm	31.30	25.00	17.90	12.50	8.24	6.59	5.27	3.76	2.64	2.18	1.74	1.40	1.12	0.80
Rated power	kW	6.53	5.23	3.74	2.61	1.72	1.36	1.10	0.78	0.55	0.45	0.36	0.29	0.23	0.16
Output															
Rated speed	rpm	1000	800	571	400	250	200	160	114	80	63	50	40	32	23
Rated torque	Nm	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Pulse torque	Nm	120	120	120	120	120	120	120	120	120	120	120	120	120	120
Max. backlash	'	20/10													
Efficiency	%	96				91					86				

Dimensions (mm)

