

TYPE 12 - 2 POLE - 2 PHASE

MOTOR CODE	STEP ANGLE	HOLDING DATA			LOW PULSE RATE TORQUE		MAXIMUM POWER OUTPUT					NO LOAD				
		TORQUE		POWER INPUT			RATE		TORQUE		POWER INPUT	RESPONSE			SLEW	
	DEGREES	OZ-IN	Nmm	WATTS	OZ-IN	Nmm	PPS	RPM	OZ-IN	Nmm	WATTS	RATE		POWER	RATE	
												PPS	RPM	WATTS	PPS	RPM
12-2P2-06	90	1.06	7.18	6	.75	5.3	130	1950	.38	2.6	4	260	3900	2	345	5175
12-2P2-10	90	1.37	9.67	10	.97	6.8	140	2100	.48	3.4	8	280	4200	6	470	7050
12-2P2-20	90	1.94	13.7	20	1.37	9.7	175	2625	.68	4.8	16	350	5250	14	700	10500
12-2P2-30	90	2.37	16.7	30	1.68	11.9	210	3150	.84	5.9	24	420	6300	21	900	13500

TYPE 12 - 4 POLE - 2 PHASE

MOTOR CODE	STEP ANGLE	HOLDING DATA			LOW PULSE RATE TORQUE		MAXIMUM POWER OUTPUT					NO LOAD				
		TORQUE		POWER INPUT			RATE		TORQUE		POWER INPUT	RESPONSE			SLEW	
	DEGREES	OZ-IN	Nmm	WATTS	OZ-IN	Nmm	PPS	RPM	OZ-IN	Nmm	WATTS	RATE		POWER	RATE	
												PPS	RPM	WATTS	PPS	RPM
12-2P4-06	45	1.92	13.6	6	1.36	9.60	200	1500	.68	4.8	4	400	3000	3	455	3412
12-2P4-10	45	2.48	17.5	10	1.75	12.4	240	1800	.88	6.2	8	480	3600	6	600	4500
12-2P4-20	45	3.51	24.8	20	2.48	17.5	290	2175	1.24	8.8	16	580	4350	12	900	6750
12-2P4-30	45	4.31	30.4	30	3.05	21.5	330	2475	1.52	10.7	24	660	4950	19	1150	8625

TYPE 12 - 6 POLE - 2 PHASE

MOTOR CODE	STEP ANGLE	HOLDING DATA			LOW PULSE RATE TORQUE		MAXIMUM POWER OUTPUT					NO LOAD				
		TORQUE		POWER INPUT			RATE		TORQUE		POWER INPUT	RESPONSE			SLEW	
	DEGREES	OZ-IN	Nmm	WATTS	OZ-IN	Nmm	PPS	RPM	OZ-IN	Nmm	WATTS	RATE		POWER	RATE	
												PPS	RPM	WATTS	PPS	RPM
12-2P6-06	30	2.22	15.7	6	1.57	11.1	262	1310	.78	5.5	4	525	2625	3	600	3000
12-2P6-10	30	2.87	20.3	10	2.03	14.3	312	1560	1.02	7.2	8	625	3125	5	815	4075
12-2P6-20	30	4.06	28.7	20	2.87	20.3	380	1900	1.44	10.2	16	760	3800	12	1200	6000
12-2P6-30	30	4.97	35.1	30	3.51	24.8	450	2250	1.76	12.4	24	900	4500	18	1600	8000

TYPE 12 - 2 POLE - 3 PHASE

MOTOR CODE	STEP ANGLE	HOLDING DATA			LOW PULSE RATE TORQUE		MAXIMUM POWER OUTPUT					NO LOAD				
		TORQUE		POWER INPUT			RATE		TORQUE		POWER INPUT	RESPONSE			SLEW	
	DEGREES	OZ-IN	Nmm	WATTS	OZ-IN	Nmm	PPS	RPM	OZ-IN	Nmm	WATTS	RATE		POWER	RATE	
												PPS	RPM	WATTS	PPS	RPM
12-3P2-06	60	1.22	8.61	6	.86	6.07	115	1150	.43	3.04	4	330	3300	3	400	4000
12-3P2-10	60	1.58	11.2	10	1.12	7.91	190	1900	.56	3.95	8	380	3800	5	535	5350
12-3P2-20	60	2.24	15.8	20	1.58	11.2	232	2320	.79	5.58	16	465	4650	12	800	8000
12-3P2-30	60	2.74	19.3	30	1.94	13.7	270	2700	.97	6.85	24	540	5400	18	1025	10250

TYPE 12 - 4 POLE - 3 PHASE

MOTOR CODE	STEP ANGLE	HOLDING DATA			LOW PULSE RATE TORQUE		MAXIMUM POWER OUTPUT					NO LOAD				
		TORQUE		POWER INPUT			RATE		TORQUE		POWER INPUT	RESPONSE			SLEW	
	DEGREES	OZ-IN	Nmm	WATTS	OZ-IN	Nmm	PPS	RPM	OZ-IN	Nmm	WATTS	RATE		POWER	RATE	
												PPS	RPM	WATTS	PPS	RPM
12-3P4-06	30	2.08	14.7	6	1.47	10.4	263	1315	.74	5.22	4	526	2630	3	600	3000
12-3P4-10	30	2.69	19.0	10	1.90	13.4	313	1565	.95	6.71	8	626	3130	5	816	4080
12-3P4-20	30	3.80	26.8	20	2.69	19.0	380	1900	1.34	9.46	16	760	3800	12	1200	6000
12-3P4-30	30	4.66	32.9	30	3.29	23.2	450	2250	1.64	11.6	24	900	4500	18	1600	8000

Notes:

1. Source voltages as required.
2. Other performance characteristics and power levels available on request.
3. Performance tabulated at +25° C unit temperature.
4. Note: the 6 pole two phase is the preferred standard.