

TYPE 24 - 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
24-2P2-15	90	9.74	68.8	15	6.89	48.6	52	780	3.45	24.4	10	105	1575	3	110	1650
24-2P2-30	90	13.9	98.1	30	9.83	69.4	68	1020	4.92	34.7	20	135	2025	6	147	2205
24-2P2-60	90	19.5	138	60	13.8	97.4	88	1320	6.90	48.7	40	177	2655	15	222	3330
24-2P2-90	90	23.9	169	90	16.9	119	100	1500	8.45	59.7	60	200	3000	28	288	4320

TYPE 24 - 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
24-2P4-15	45	18.6	131	15	13.2	93.2	64	480	6.60	46.6	10	128	960	5	135	1012
24-2P4-30	45	26.2	185	30	18.5	131	89	668	9.25	65.3	20	178	1335	9	187	1402
24-2P4-60	45	37.0	261	60	26.2	185	134	1005	13.1	92.5	40	268	2010	18	270	2025
24-2P4-90	45	45.2	319	90	32.0	226	169	1268	16.0	113	60	338	2535	26	340	2550

TYPE 24 - 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
24-2P6-15	30	21.6	152	15	15.3	108	78	390	7.65	54.0	10	155	775	4	160	800
24-2P6-30	30	30.6	216	30	21.6	152	115	575	10.8	76.2	20	230	1150	8	235	1175
24-2P6-60	30	43.4	306	60	30.7	217	175	875	15.4	109	40	350	1750	19	355	1775
24-2P6-90	30	53.0	374	90	37.5	265	220	1100	18.8	133	60	440	2200	27	450	2250

TYPE 24 - 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
24-3P2-15	60	12.0	85.0	15	8.48	60	58	580	4.24	30.0	10	117	1170	4	125	1250
24-3P2-30	60	17.0	120	30	12.0	85	79	790	6.00	42.4	20	158	1575	7	170	1700
24-3P2-60	60	24.1	170	60	17.0	120	110	1100	8.50	60.0	40	221	2214	16	250	2500
24-3P2-90	60	30.0	208	90	21.2	150	132	1320	10.6	74.8	60	265	2646	27	340	3400

TYPE 24 - 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
24-3P4-15	30	20.5	145	15	14.5	102	78	390	7.25	51.2	10	156	780	4	160	800
24-3P4-30	30	29.0	205	30	20.5	145	115	575	10.2	72.4	20	230	1150	8	236	1180
24-3P4-60	30	41.1	290	60	29.1	205	175	875	14.6	103	40	350	1750	19	356	1780
24-3P4-90	30	50.3	355	90	35.6	251	220	1100	17.8	126	60	440	2200	27	450	2250

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.