

SPECIFICATIONS

Gearbox Type

Right Angle

Gear Reduction

Worm and Wheel

Braking

Inherent-See Warning in Safety Section

Mounting

Three point bulkhead, requiring three 5/16-18 UNC Grade 5 or better bolts

Output Shaft(s)

3/4 OD with 5/16 through hole and 3/16 keyway

Table 1: Specifications

Power Drive #'s	Ratio	Weight (Lbs.)	Motor Voltage	Power (hp)
719527, 719520	90:1	10.5	12V DC	1.3
719627	90:1	11.5	12V DC	1.8
719537	90:1	10.5	24V DC	1.3
719637, 719630	90:1	11.5	24V DC	1.8
716527	60:1	10.5	12V DC	1.3
716627	60:1	11.5	12V DC	1.8
716537	60:1	10.5	24V DC	1.3
716727	60:1	12.3	12V DC	2.1
719727	90:1	12.3	12V DC	2.1

nt are expected at no load and at rated torque

PERFORMANCE

The following performance data is shown to provide a guideline of what speed and current are expected at no load and at rated torque for your Power Drive.

Performance is strongly dependent on voltage applied to the motor. If long lengths of small diameter wire are used, performance will be severely limited due to the voltage drop caused by the wire. The voltage at the motor should be verified to be at or greater than the rated voltage specified in Table 2; this will allow the unit to achieve the performance values shown here. It is also important to verify that adequate current is available to achieve these performance results.

Table 2 DC POWER DRIVE MODELS

Power Drive #'s	No Load				Rated Torque								
	CW @ Output Shaft		CCW @ Output Shaft		Rated Torque (in-lb)	CW @ Output Shaft				CCW @ Output Shaft			
	RPM	Current (A)	RPM	Current (A)		With 10' Total of 8 AWG (6 AWG for XXX72X)		12V Across Motor - 12V Models 24V Across Motor - 24V Models		With 10' Total of 8 AWG (6 AWG for XXX72X)		12V Across Motor - 12V Models 24V Across Motor - 24V Models	
						RPM	Current (A)	RPM	Current (A)	RPM	Current (A)	RPM	Current (A)
716527	90	25	73	36	750	38	170	51	145	37	190	39	190
716627	87	26	73	29	1040	35	225	48	202	30	260	54	230
716537	90	15	78	17	750	51	70	51	70	45	95	39	105
719527	66	21	57	21	790	34	130	42	117	28	165	36	155
719627	60	17	57	24	1125	28	200	39	205	25	250	42	258
719537	60	14	54	17	790	39	62	42	58	36	79	36	79
719637, 719630	60	15	54	16	1125	32	100	32	105	28	116	27	134
716727	96	30	78	30	1200	33	245	54	245	18	330	27	300
719727	64	27	57	28	1200	24	240	36	200	12	330	21	320