POWER DRIVES

Model	716527	716627	719630	716727	719527	719627	719727	716537	719537	719637
Output Shaft	Single Output Shaft									
Voltage	12VDC		24VDC	12VDC				24VDC		
Torque inch lbs	750	1,040	1,125	1,200	790	1,125	1,200	750	790	1,125
Motor hp (kW)	1.3 (.97)	1.8 (1.34)		2.1 (1.57)	1.3 (.97)	1.8 (1.34)	2.1 (1.57)	1.3 (.97)		1.8 (1.34)
Gearing	Worm Gearset									
Gear Ratio	60:1		90:1	60:1	90:1			60:1	90:1	
Warranty	Limited life Time - One Year Electrical - Three Year Gearbox									

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.

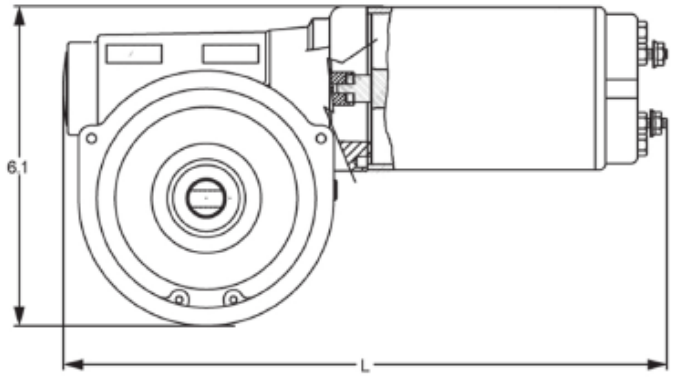
Performance is strongly dependent on voltage applied to the motor. If long lengths of small diameter wire are used, performance will be severely limited due to the voltage drop caused by the wire. The voltage at the motor should be verified to be at or greater than the rated voltage specified in Table 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.

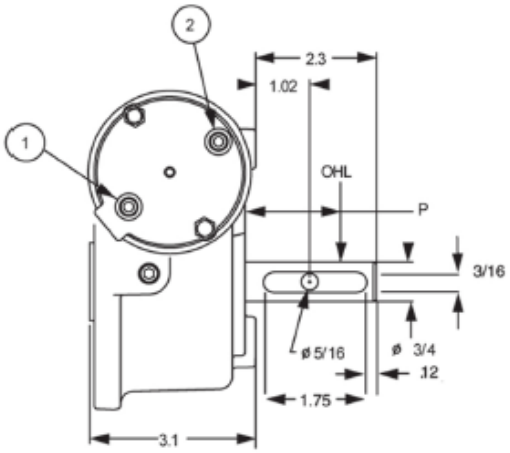
Table 2

DC POWER DRIVE MODELS

	No Load				Rated Torque							
	CW @ Output Shaft		CCW @ Output Shaft			CW @ Output Shaft				CCW @ Output Shaft			
						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	
Power Drive #'s	RPM	Current (A)	RPM	Current (A)	Rated Torque (in-lb)	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

DIMENSIONS





OHL = Overhung Load

Power Drive #'s	"L"	Power Drive #'s	"L"
719527, 719537, 716527	11.0	719630	11.6
719627, 719637, 716627, 716637	11.4	716727, 719727	12.0

All dimensions in inches