

### Actuator Calculated Work and Torque Values

	L-Series		F-Series		PA I		PA II		PA III		PA IV	
Steady State Torque ( lbf-ft / N-m )	0.25	0.34	0.99	1.34	0.95	1.29	1.91	2.59	3.82	5.18	7.64	10.36
Transient Torque ( lbf-ft / N-m )	0.33	0.45	2.00	2.71	1.91	2.59	3.82	5.18	7.64	10.36	15.28	20.72
Steady State Work ( ft-lb / J )	0.26	0.35	1.21	1.64	1.25	1.69	2.50	3.39	5.00	6.78	10.00	13.56
Transient Work ( ft-lb / J )	0.35	0.47	2.44	3.31	2.50	3.39	5.00	6.78	10.00	13.56	20.00	27.12
Steady State Power ( W )			24		19		65		73		101	
Transient Power ( W )	32		98		67		251		282		371	
Steady State Current ( A )	1.8		4		7		7		11.3		11.3	
Transient Current ( A )	2.5		8		13		13		20.6		20.6	
Rotation ( Degrees / Radians )	60	1.047	70	1.222	75	1.309	75	1.309	75	1.309	75	1.309
· Only 1 Moving Part · Same Work Output in Both Directions · Fast Load Response in Either Direction												

Calculated Work utilizing less than full-stroke	L-Series		F-Series		PA I		PA II		PA III		PA IV	
Utilized stroke ( Degrees / Radians )	60	1.047	70	1.222	75	1.309	75	1.309	75	1.309	75	1.309
Steady State Work Output ( ft-lb / J )	0.26	0.35	1.21	1.64	1.25	1.69	2.50	3.39	5.00	6.78	10.00	13.56
Transient Work Output ( ft-lb / J )	0.35	0.47	2.44	3.31	2.50	3.39	5.00	6.78	10.00	13.56	20.00	27.12

key:  
 green - entered values  
 blue - from spec sheet  
 red - calculated values