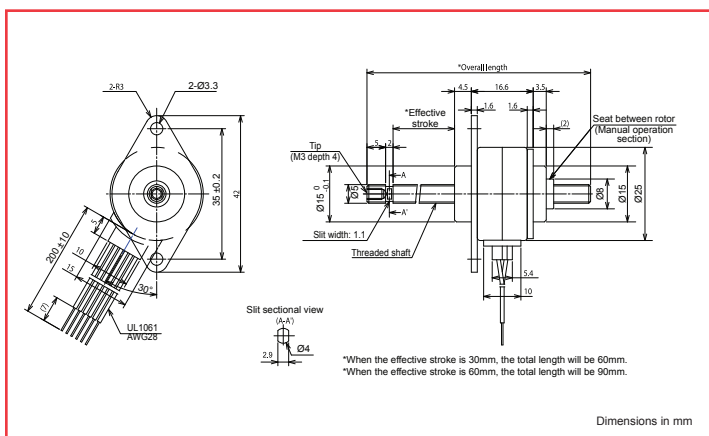
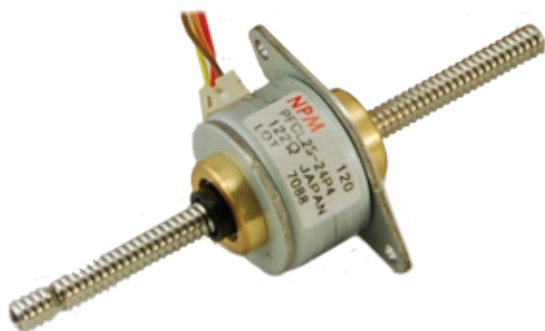
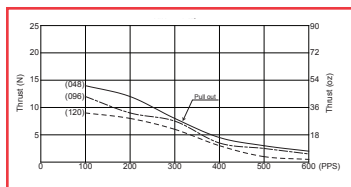




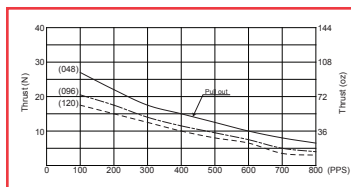
		PFCL25-24											
Type Of Winding		Unipolar						Bipolar					
Steps Per Revolution*		24											
Thread Pitch	mm	0.48	0.96	1.2	0.48	0.96	1.2	0.48	0.96	1.2	0.48	0.96	1.2
Travel/Step	mm	0.02	0.04	0.05	0.02	0.04	0.05	0.02	0.04	0.05	0.02	0.04	0.05
Effective Stroke	mm	30 or 60											
Force @ 200pps	N	11	9.5	8	11	9.5	8	16	14	11	16	14	11
Rated Voltage	V	12			5			12			5		
Rated Current	A/Ø	0.10			0.31			0.10			0.33		
Resistance	ohm/Ø	120 ±7%			16 ±7%			122 ±7%			15 ±7%		
Inductance	mH/Ø	26.4			3.6			58			6.9		
Operating Temp. Range	°C	-10 to +50											
Temperature Rise*	°K	70											
Weight	g	60											

		PFCL25-48											
Type Of Winding		Unipolar						Bipolar					
Steps Per Revolution		48											
Thread Pitch	mm	0.48	0.96	1.2	0.48	0.96	1.2	0.48	0.96	1.2	0.48	0.96	1.2
Travel/Step	mm	0.01	0.02	0.025	0.01	0.02	0.025	0.01	0.02	0.025	0.01	0.02	0.025
Effective Stroke	mm	30 or 60											
Force @ 200 pps	N	22	17.5	15	22	17.5	15	31	22.5	20.5	31	22.5	20.5
Rated Voltage	V	12			5			12			5		
Rated Current	A/Ø	0.10			0.31			0.10			0.33		
Resistance Tolerance	ohm/Ø	120 ±7%			16 ±7%			122 ±7%			15 ±7%		
Inductance	mH/Ø	32			4.4			71			8.5		
Operating Temp. Range	°C	-10 to +50											
Temperature Rise	°K	70											
Weight	g	60											

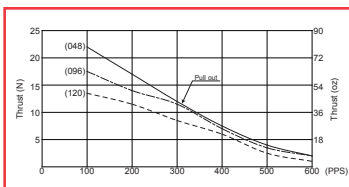
24C4 Torque Curve



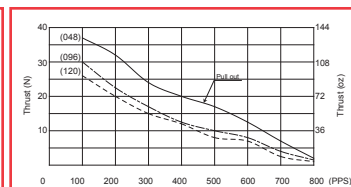
48C4 Torque Curve



24P4 Torque Curve



48P4 Torque Curve



* - All tin-can motor specifications are based on full-step constant voltage operation

Magnet type: Anisotropic

Note: Torque curves are for reference only and are not guaranteed.