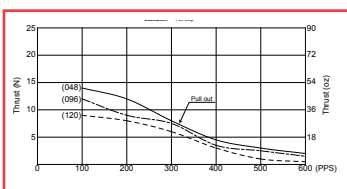


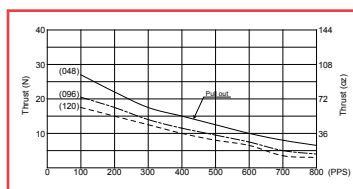
		PFCL25-24															
Type Of Winding		Unipolar						Bipolar									
Steps Per Revolution*		24															
Thread Pitch	mm	0.48	0.96	1.2	0.48	0.96	1.2	0.48	0.96	1.2	0.48	0.96	1.2				
Travel/Step	mm	0.02	0.04	0.05	0.02	0.04	0.05	0.02	0.04	0.05	0.02	0.04	0.05				
Effective Stroke	mm	30 or 60															
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															

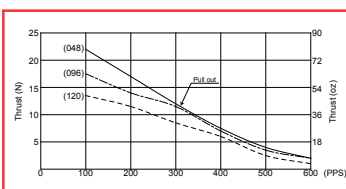
24C4 Torque Curve



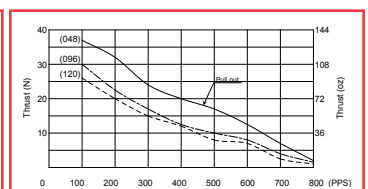
48C4 Torque Curve



24P4 Torque Curve



48P4 Torque Curve



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

Magnet type: Anisotropic

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