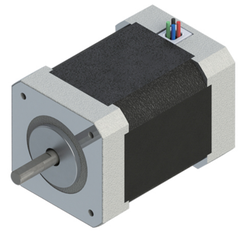
42H2F系列步进电机
42H2F Series stepping motor

步距角 Step Angle	1.8°
绝缘电阻 Insulation Resistance	500V DC 100MΩ Min
绝缘强度 Dielectric Strength	500V AC 50Hz 2mA 1Minute
环境温度 Ambient Temperature	-20～+40℃
温升 Temperature Rise	80K Max
绝缘等级 Insulation Class	B



产品性能参数(Electrical specification):

42H2F 双极性

型 号	机身长度	额定电压	额定电流	绕组电参数 @20℃ Typ.		静力矩		转子惯量		电机质量	
	mm	V	Amps	Ohms	mH	N.m	oz-in	$g.cm^2$	$oz\text{-}in^2$	Kg	Lbs
42H2F34-054	34	4.25	0.5	8.5	15	0.32	45	38	0.21	0.21	0.46
42H2F34-104		4.2	1.0	4.2	7.5	0.32	45	38	0.21	0.21	0.46
42H2F34-124		4.08	1.2	3.4	6.0	0.32	45	38	0.21	0.21	0.46
42H2F34-154		2.55	1.5	1.7	2.9	0.32	45	38	0.21	0.21	0.46
42H2F40-054	40	5.0	0.5	10	24	0.42	59	57	0.31	0.28	0.62
42H2F40-104		5.0	1.0	5.0	9.0	0.42	59	57	0.31	0.28	0.62
42H2F40-124		2.64	1.2	2.2	4.5	0.48	68	57	0.31	0.28	0.62
42H2F40-154		2.7	1.5	1.8	2.2	0.48	68	57	0.31	0.28	0.62
42H2F48-054	47	7.5	0.5	15	30	0.55	78	82	0.45	0.36	0.79
42H2F48-104		5.0	1.0	5.0	12	0.55	78	82	0.45	0.36	0.79
42H2F48-154		3.75	1.5	2.5	6.0	0.65	92	82	0.45	0.36	0.79
42H2F48-204		2.6	2.0	1.3	2.9	0.65	92	82	0.45	0.36	0.79
42H2F62-104	62	5.0	1.0	5.0	13	0.82	120	123	0.67	0.6	1.3
42H2F62-154		4.5	1.5	3.0	6.9	0.82	120	123	0.67	0.6	1.3
42H2F62-174		3.74	1.7	2.2	5.0	0.82	120	123	0.67	0.6	1.3
42H2F62-204		3.0	2.0	1.5	3.8	0.82	120	123	0.67	0.6	1.3

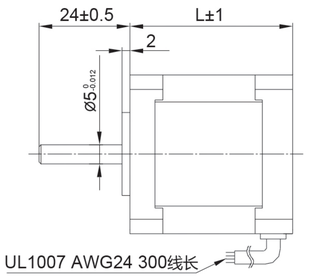
42H2F 单极性

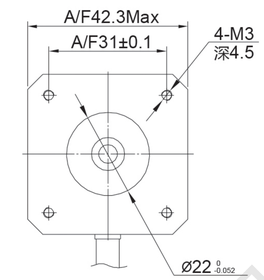
型 号	机身长度	额定电压	额定电流	绕组电参数 @20℃ Typ.		静力矩		转子惯量		电机质量	
	mm	V	Amps	Ohms	mH	N.m	oz-in	$g.cm^2$	$oz\text{-}in^2$	Kg	Lbs
42H2F34-056	34	15	0.5	30	25	0.24	34	38	0.21	0.21	0.46
42H2F34-106		4.5	1.0	4.5	4.0	0.24	34	38	0.21	0.21	0.46
42H2F34-126		3.48	1.2	2.9	2.5	0.24	34	38	0.21	0.21	0.46
42H2F34-156		2.55	1.5	1.7	1.8	0.24	34	38	0.21	0.21	0.46
42H2F40-056	40	14	0.5	28	31	0.38	54	57	0.31	0.28	0.62
42H2F40-106		5.0	1.0	5.0	5.5	0.38	54	57	0.31	0.28	0.62
42H2F40-126		3.0	1.2	2.5	2.8	0.38	54	57	0.31	0.28	0.62
42H2F40-156		2.7	1.5	1.8	2.2	0.38	54	57	0.31	0.28	0.62
42H2F48-056	47	7.5	0.5	15	30	0.58	81	82	0.45	0.36	0.79
42H2F48-106		4.5	1.0	4.5	4.6	0.58	81	82	0.45	0.36	0.79
42H2F48-156		5.7	1.5	3.8	3.2	0.58	81	82	0.45	0.36	0.79
42H2F48-206		2.6	2.0	1.3	1.4	0.58	81	82	0.45	0.36	0.79

以上产品可根据客户要求定制。
Above Products can be customized according to customer requirement.

注意：装配时，须保证电机轴和负载轴的同心，严禁敲打，以免损坏电机。
Note: When installing the motor,must ensure that the motor shaft and load shaft concentric,never hit it, so as not to damage the motor.

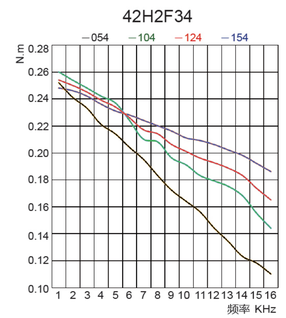
外形尺寸（Dimension):

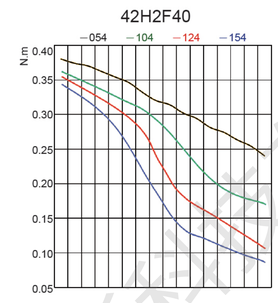


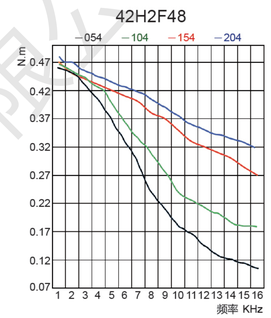


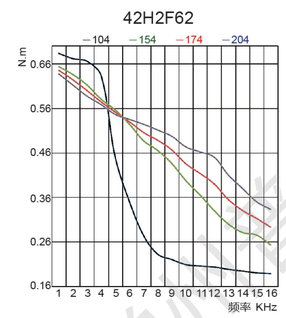
运行矩频特性（Torque-frequency Characteristic):

双极性

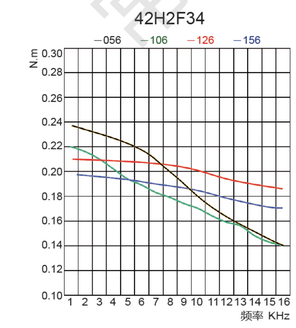


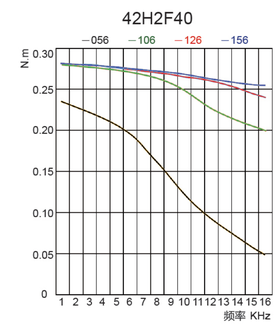


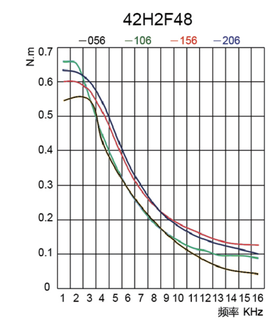




单极性







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常州普拉瑞斯科技有限公司