

XYT-42HD48-17 Stepper Motor Electrical Parameter Table											
Model	step angle	Rated voltage	Current/Phase	Resistance/Phase	Inductance/Phase	static quadrature	Cable	Moment of inertia	Positioning torque	weight	Motor size
XYT-42HD48-17	±5%	V	A	Ω	mH	mN.m	-	g.cm <sup>2</sup>	mN.m	kg	mm
	1.8°	3.8	1.7	2	2.7	420	4	56	0.42	0.24	42*42*48
Minimum speed	About 150 rpm/min		maximum speed		About 2000 rpm/min		Insulation class		B	shaft type	D can be customized
XYT-5840-42HD48-17 Stepper Planetary Gear Motor Performance Parameter Table											
Model	Ratio	Minimum RPM	Maximum RPM	rated load kg.cm		allows instantaneous load kg.cm		GearMotor Size	Step angle°	Drive voltage	Line definition
XYT-5840-42HD48-17	17	8.8	117	3		8.5		42*42*110mm	0.4864°	12V/24V	Black line A+ Green Line A- Red line B+ Blue line B-
XYT-5840-42HD48-31	31	4.8	64	6		16			0.3474°		
XYT-5840-42HD48-50	50	3	40	10		25			0.0947°		
XYT-5840-42HD48-100	100	1.5	20	20		50			0.0666°		
XYT-5840-42HD48-200	200	0.75	10	40		70			0.036°		
XYT-5840-42HD48-290	290	0.51	6.8	60		70			0.0253°		
XYT-5840-42HD48-500	500	0.3	4	70		70			0.018°		
XYT-5840-42HD48-670	670	0.22	2.9	70		70			0.0129°		
XYT-5840-42HD48-1000	1000	0.15	2	100		100			0.018°		
XYT-5840-42HD48-1340	1340	0.11	1.4	100		100			0.0129°		