

STEPPING MOTORS

PH266, PH268 type

Step Angle 1.8°

Features

— Installing Base Size 2.22" sq.



Specifications

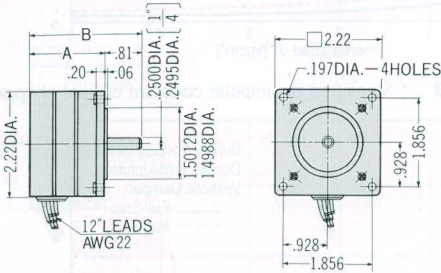
Motor		Voltage	Current per Phase	Holding Torque		Resistance per Phase (Winding)	Inductance per Phase (Winding)	Rotor Inertia		Number of Leads
Single Shaft	Double Shaft	V. DC	A/Phase	OZ-in	N-cm	ohm/Phase (Winding)	mH/Phase (Winding)	OZ-in <sup>2</sup>	g-cm <sup>2</sup>	
PH266-01	PH266-01B	6	1.2	83.3	58.8	5	8	0.74	135	6
PH266-02	PH266-02B	12	0.6	83.3	58.8	20	32	0.74	135	6
PH266-03	PH266-03B	24	0.3	83.3	58.8	80	128	0.74	135	6
PH266-E1.2	PH266-E1.2B	6	1.2 <sup>1</sup> 1.7 <sup>2</sup>	83.3	58.8	(5)	(8)	0.74	135	8
PH268-21	PH268-21B	5.4	1.5	125	88.2	3.6	6	1.09	200	6
PH268-22	PH268-22B	12	0.68	125	88.2	17.7	30	1.09	200	6
PH268-23	PH268-23B	24	0.34	125	88.2	70.6	120	1.09	200	6
PH268-E2.3	PH268-E2.3B	3.9	2.3 <sup>1</sup> 3.3 <sup>2</sup>	125	88.2	(1.7)	(3)	1.09	200	8
PH268-E1.6	PH268-E1.6B	5.1	1.6 <sup>1</sup> 2.3 <sup>2</sup>	125	88.2	(3.2)	(5)	1.09	200	8

\*1 Unipolar \*2 Bipolar parallel

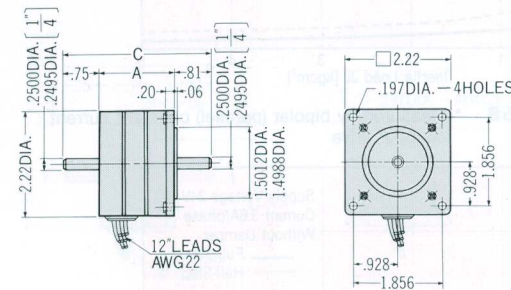
The PH266 single shaft motor can be directly connected with Oriental Motor standard gearheads 2GK□KA. The resulting products are called PH266-01GK, PH266-02GK, PH266-03GK.

Dimensions scale 1:4, unit = inch

Single Shaft

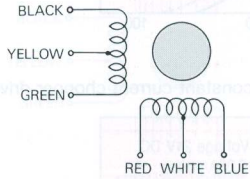


Double Shaft

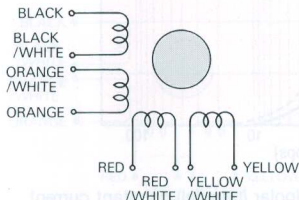


Colors of Lead Wires

6-Lead Wires



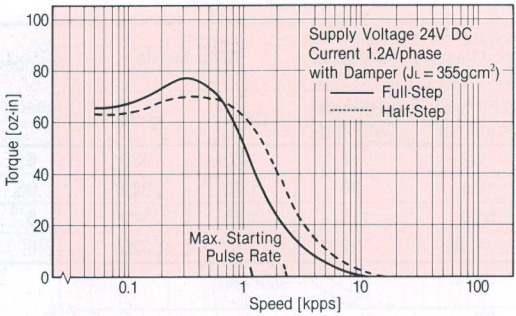
8-Lead Wires



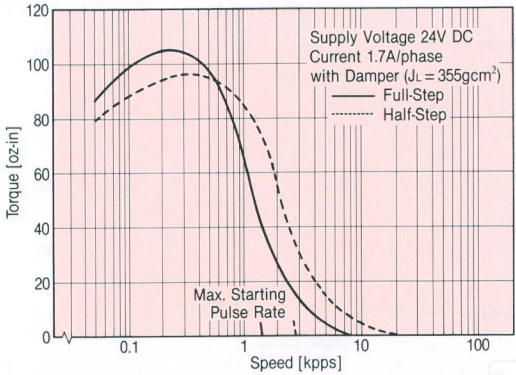
Model	Dimension (unit = inch)			Weight	
	A	B	C	lbs.	kg
PH266	2.13	2.94	3.69	1.30	0.60
PH268	2.99	3.80	4.55	2.10	0.95

Speed vs. Torque Characteristics

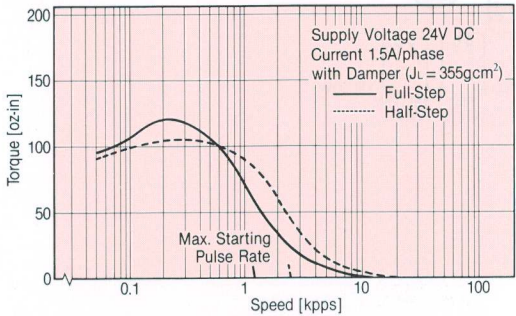
PH266-01B \* Measured by unipolar constant current chopper drive



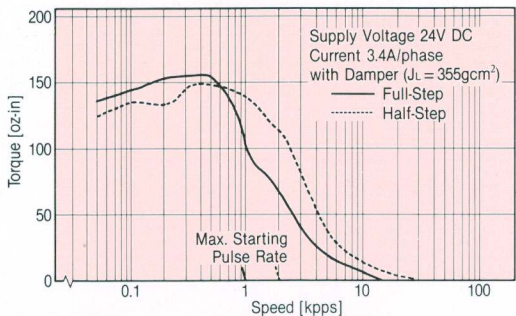
PH266-E1.2B \* Measured by bipolar (parallel) constant current chopper drive



PH268-21B \* Measured by unipolar constant current chopper drive

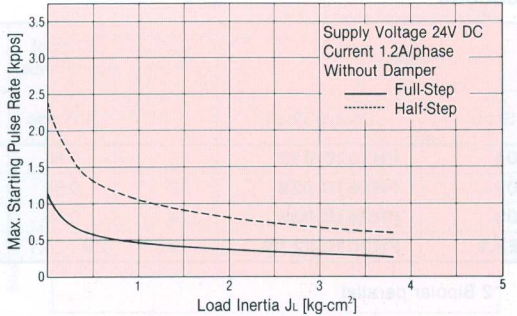


PH268-E2.3B \* Measured by bipolar (parallel) constant current chopper drive

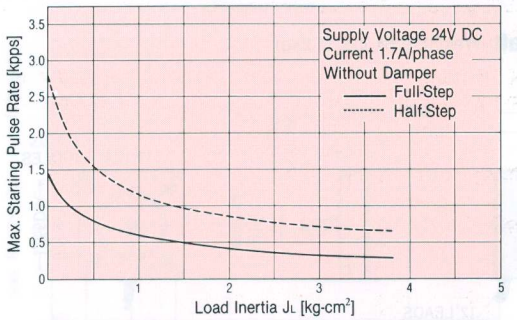


Inertia vs. Starting Pulse Rate Characteristics

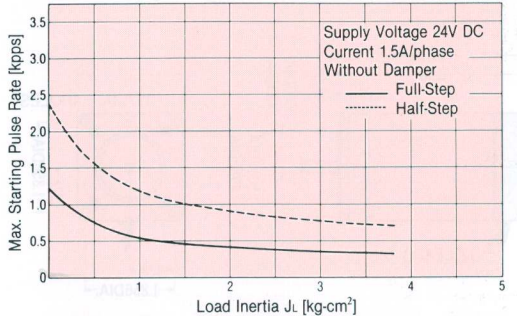
PH266-01B \* Measured by unipolar constant current chopper drive



PH266-E1.2B \* Measured by bipolar (parallel) constant current chopper drive



PH268-21B \* Measured by unipolar constant current chopper drive



PH268-E2.3B \* Measured by bipolar (parallel) constant current chopper drive

