



56 mm sq. (2.20 inch sq.)

1.8° /step

Unipolar winding · CE Model

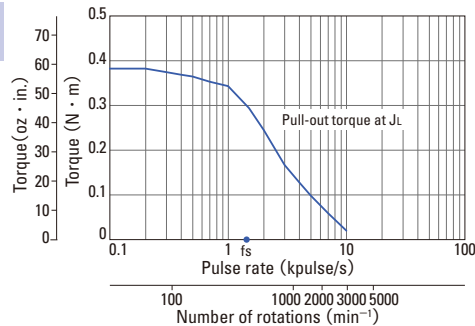


Unipolar winding · CE Model

Model number		Holding torque at 2-phase energization	Rated current	Wiring resistance	Winding inductance	Rotor inertia	Mass (Weight)
Single shaft	Dual shaft	[N · m (oz · in) MIN.]	A/phase	Ω /phase	mH/phase	[×10 ⁻⁴ kg · m ² (oz · in ²)]	[kg (lbs)]
103H7121-6140	103H7121-6110	0.39 (55.2)	1	4.8	8	0.1 (0.55)	0.47 (1.04)
103H7121-6740	103H7121-6710	0.39 (55.2)	3	0.6	0.8	0.1 (0.55)	0.47 (1.04)
103H7123-6140	103H7123-6110	0.83 (117.5)	1	6.7	15	0.21 (1.15)	0.65 (1.43)
103H7123-6740	103H7123-6710	0.78 (110.5)	3	0.77	1.58	0.21 (1.15)	0.65 (1.43)
103H7126-6140	103H7126-6110	1.27 (179.8)	1	8.6	19	0.36 (1.97)	0.98 (2.16)
103H7126-6740	103H7126-6710	1.27 (179.8)	3	0.9	2.2	0.36 (1.97)	0.98 (2.16)

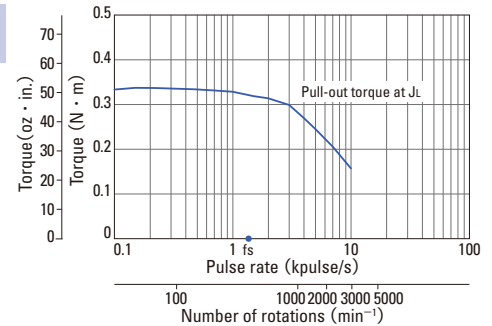
Characteristics diagram

103H7121-6140
103H7121-6110



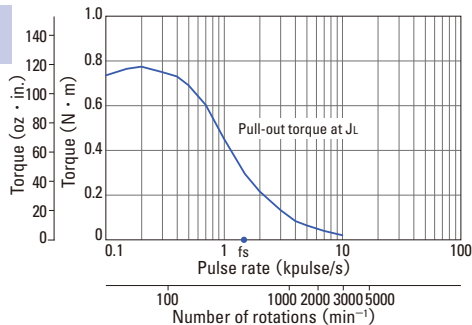
Constant current circuit
Source voltage : DC24V · Operating current : 1A/phase,
2-phase energization (full-step)
 $J_t = [0.94 \times 10^{-4} \text{kg} \cdot \text{m}^2 (5.14 \text{oz} \cdot \text{in}^2)]$ use the rubber coupling
fs: Maximum self-start frequency when not loaded

103H7121-6740
103H7121-6710



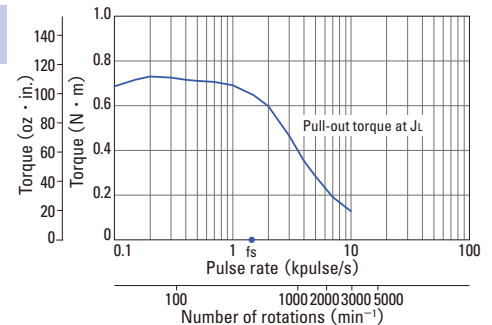
Constant current circuit
Source voltage : DC24V · Operating current : 3A/phase,
2-phase energization (full-step)
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103H7123-6140
103H7123-6110



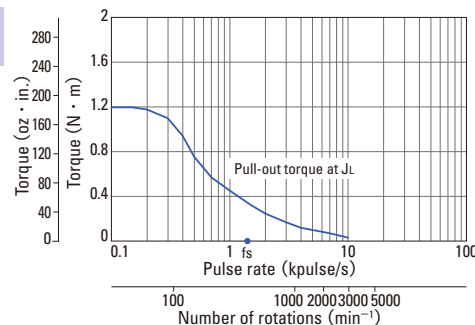
Constant current circuit
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103H7123-6740
103H7123-6710



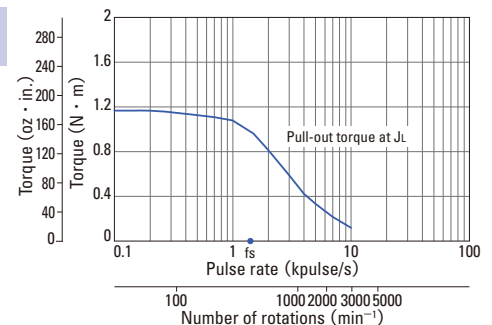
Constant current circuit
Source voltage : DC24V · Operating current : 3A/phase,
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fs: Maximum self-start frequency when not loaded

103H7126-6140
103H7126-6110



Constant current circuit
Source voltage : DC24V · Operating current : 1A/phase,
2-phase energization (full-step)
 $J_t = [2.6 \times 10^{-4} \text{kg} \cdot \text{m}^2 (14.22 \text{oz} \cdot \text{in}^2)]$ use the rubber coupling
fs: Maximum self-start frequency when not loaded

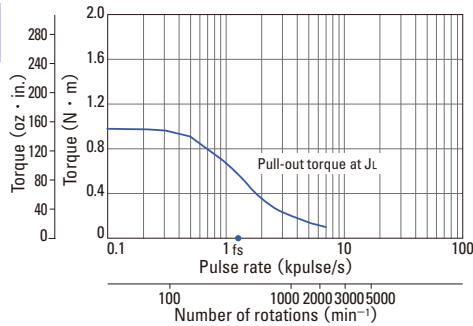
103H7126-6740
103H7126-6710



Constant current circuit
Source voltage : DC24V · Operating current : 3A/phase,
2-phase energization (full-step)
 $J_t = [2.6 \times 10^{-4} \text{kg} \cdot \text{m}^2 (14.22 \text{oz} \cdot \text{in}^2)]$ use the rubber coupling
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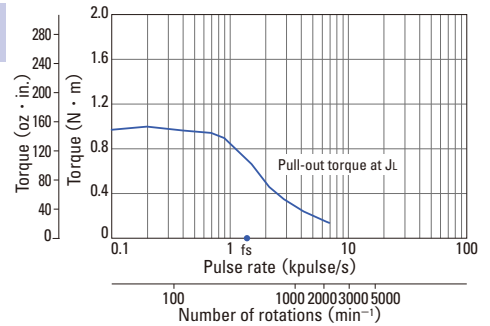
Characteristics diagram

103H7123-5740
103H7123-5710



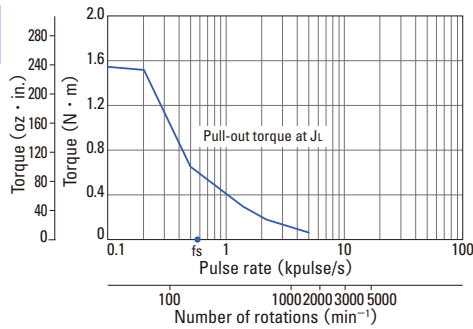
Constant current circuit
Source voltage : DC24V · operating current : 2A/phase,
2-phase energization (full-step)
 $J_L = [2.6 \times 10^{-4} \text{ kg} \cdot \text{m}^2 (14.22 \text{ oz} \cdot \text{in}^2)]$ use the rubber coupling]
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103H7123-5840
103H7123-5810



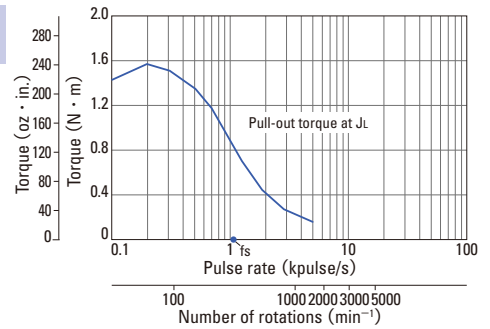
Constant current circuit
Source voltage : DC24V · Operating current : 3A/phase,
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103H7126-5640
103H7126-5610



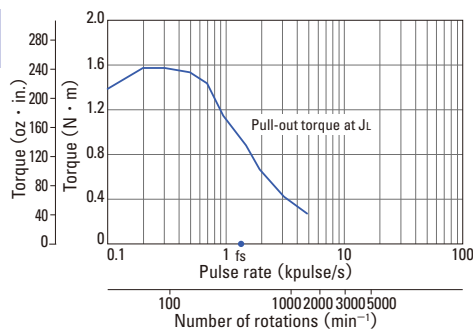
Constant current circuit
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103H7126-5740
103H7126-5710



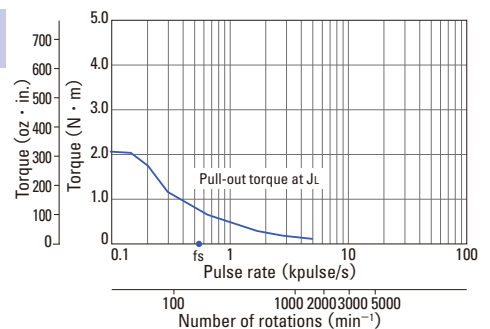
Constant current circuit
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103H7126-5840
103H7126-5810



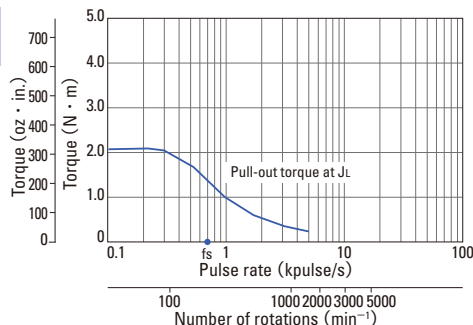
Constant current circuit
Source voltage : DC24V · Operating current : 3A/phase,
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 $J_L = [2.6 \times 10^{-4} \text{ kg} \cdot \text{m}^2 (14.22 \text{ oz} \cdot \text{in}^2)]$ use the rubber coupling]
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103H7128-5640
103H7128-5610



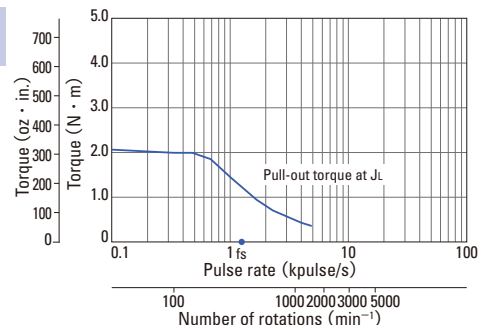
Constant current circuit
Source voltage : DC24V · Operating current : 1A/phase,
2-phase energization (full-step)
 $J_L = [7.4 \times 10^{-4} \text{ kg} \cdot \text{m}^2 (40.46 \text{ oz} \cdot \text{in}^2)]$ use the rubber coupling]
fs: Maximum self-start frequency when not loaded

103H7128-5740
103H7128-5710



Constant current circuit
Source voltage : DC24V · Operating current : 2A/phase,
2-phase energization (full-step)
 $J_L = [7.4 \times 10^{-4} \text{ kg} \cdot \text{m}^2 (40.46 \text{ oz} \cdot \text{in}^2)]$ use the rubber coupling]
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103H7128-5840
103H7128-5810



Constant current circuit
Source voltage : DC24V · Operating current : 3A/phase,
2-phase energization (full-step)
 $J_L = [7.4 \times 10^{-4} \text{ kg} \cdot \text{m}^2 (40.46 \text{ oz} \cdot \text{in}^2)]$ use the rubber coupling]
fs: Maximum self-start frequency when not loaded