

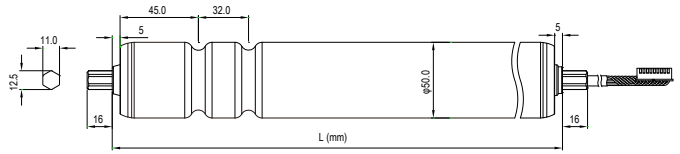
# R50DA Series

## STANDARD POWER ROLLER (Built-in DC Brushless Motor)

R50-DA-060



### Dimension :



Outer Diameter:  $\phi$  50.0mm  
Power: 24VDC

Tube thickness: 1.5mm  
Tube material: STKM13A

### Specification :

Velocity (m/min)		Tangential Force (N)		Torque (N.m)		Input Current (A)			Rated Output (W)	Tube Length (L)	
No Load	Rated	Rated	Starting	Rated	Starting	No Load	Rated	Starting		mm	inch
62	62	20	80	0.5	2.0	0.6	1.8	4.0	20	350~1200	13.8~78.7

1. Above results were tested with WWL control card.
2. Variable speed : 33~100% (setting by WWL control card)
3. Ambient temperature : 0~40°C
4. Relative humidity : 90% RH max. (non-condensing)

1N  $\approx$  0.1kg 1N.m  $\approx$  10kgf.cm

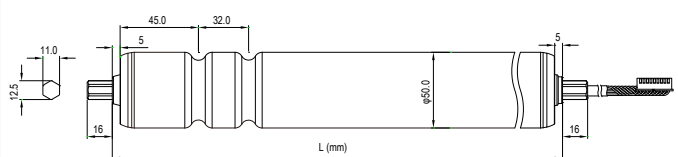
- ※ Customized specifications are welcome, please contact us for details.
- ※ Specifications are subject to change without prior notice.

## LOW SPEED POWER ROLLER (Built-in DC Brushless Motor)

R50-DA-018



### Dimension :



Outer Diameter:  $\phi$  50.0mm  
Power: 24VDC

Tube thickness: 1.5mm  
Tube material: STKM13A

### Specification :

Velocity (m/min)		Tangential Force (N)		Torque (N.m)		Input Current (A)			Rated Output (W)	Tube Length (L)	
No Load	Rated	Rated	Starting	Rated	Starting	No Load	Rated	Starting		mm	inch
18	18	68	252	1.7	6.3	0.6	1.8	4.0	20	375~1200	14.6~78.7

1. Above results were tested with WWL control card.
2. Variable speed : 33~100% (setting by WWL control card)
3. Ambient temperature : 0~40°C
4. Relative humidity : 90% RH max. (non-condensing)

1N  $\approx$  0.1kg 1N.m  $\approx$  10kgf.cm

- ※ Customized specifications are welcome, please contact us for details.
- ※ Specifications are subject to change without prior notice.

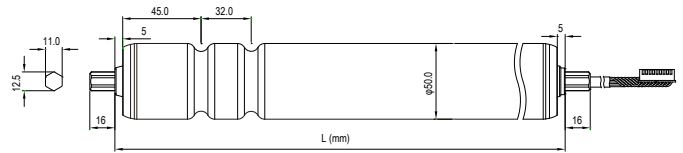
# R50DH Series

HIGH TORQUE POWER ROLLER (Built-in DC Brushless Motor)

R50-DH-060



Dimension :



Outer Diameter:  $\phi$  50.0mm  
Power: 24VDC

Tube thickness: 1.5mm  
Tube material: STKM13A

Specification :

Velocity (m/min)		Tangential Force (N)		Torque (N.m)		Input Current (A)			Rated Output (W)	Tube Length (L)	
No Load	Rated	Rated	Starting	Rated	Starting	No Load	Rated	Starting		mm	inch
60	58	28.0	104	0.7	2.6	0.6	2.5	4.0	28	380~1200	15.0~78.7

1N = 0.1kg 1N.m = 10kgf.cm

1. Above results were tested with WWL control card.
2. Variable speed : 33~100% (setting by WWL control card)
3. Ambient temperature : 0~40°C
4. Relative humidity : 90% RH max. (non-condensing)

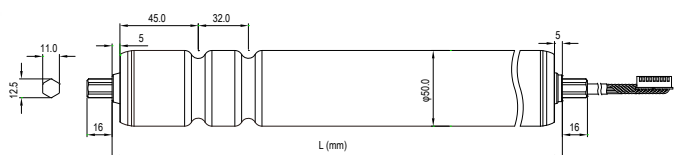
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HIGH SPEED POWER ROLLER (Built-in DC Brushless Motor)

R50-DH-100



Dimension :



Outer Diameter:  $\phi$  50.0mm  
Power: 24VDC

Tube thickness: 1.5mm  
Tube material: STKM13A

Specification :

Velocity (m/min)		Tangential Force (N)		Torque (N.m)		Input Current (A)			Rated Output (W)	Tube Length (L)	
No Load	Rated	Rated	Starting	Rated	Starting	No Load	Rated	Starting		mm	inch
93	93	16.8	48	0.42	1.2	1.0	2.3	4.0	28	360~1200	14.2~78.7

1N = 0.1kg 1N.m = 10kgf.cm

1. Above results were tested with WWL control card.
2. Variable speed : 33~100% (setting by WWL control card)
3. Ambient temperature : 0~40°C
4. Relative humidity : 90% RH max. (non-condensing)

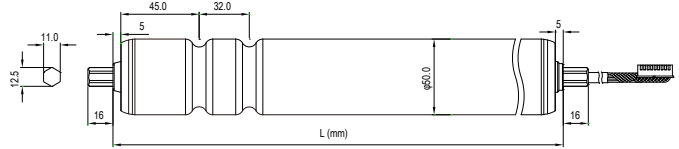
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# R50DB Series

STANDARD POWER ROLLER (Built-in DC Brushless Motor With Brake) R50-DB-060



Dimension :



Outer Diameter:  $\phi$  50.0mm  
Power: 24VDC

Tube thickness: 1.5mm  
Tube material: STKM13A

Specification :

Velocity (m/min)		Tangential Force (N)		Torque (N.m)		Input Current (A)			Rated Output (W)	Tube Length (L)	
No Load	Rated	Rated	Starting	Rated	Starting	No Load	Rated	Starting		mm	inch
62	62	20	80	0.5	2.0	0.6	1.8	4.0	20	390~1200	15.4~78.7

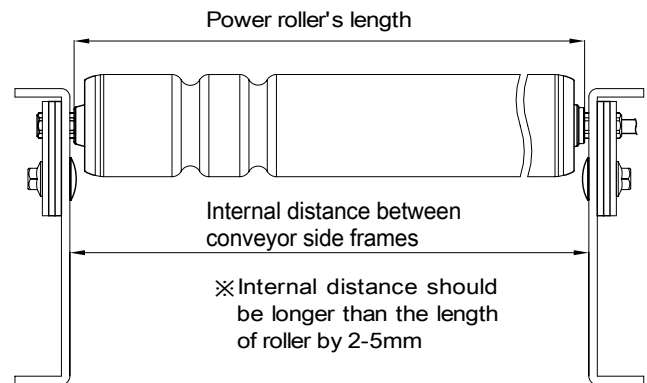
1N = 0.1kg 1N.m = 10kgf.cm

1. Above results were tested with WWL control card.
2. Variable speed : 33~100% (setting by WWL control card)
3. Ambient temperature : 0~40°C
4. Relative humidity : 90% RH max. (non-condensing)

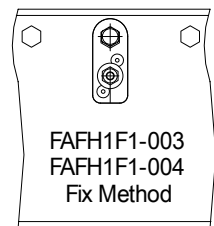
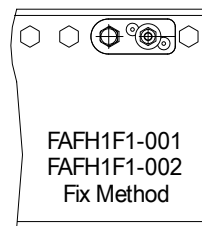
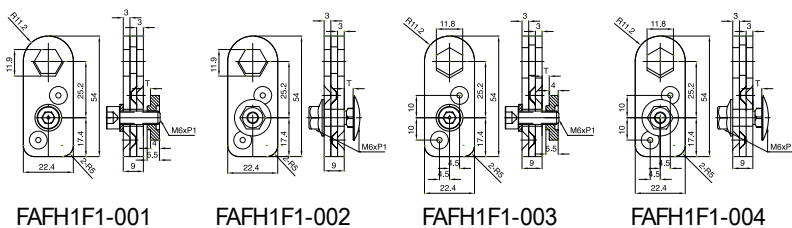
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## ROLLER FIXTURES

Parts No: FAFH1F1-001 FAFH1F1-003  
FAFH1F1-002 FAFH1F1-004



Assembly Diagram:



NOTE : Customized specifications are welcome, please contact us for details.