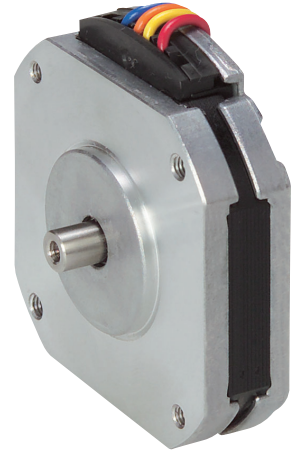


SANMOTION

New Product Information

2-phase Stepping Motor 42 mm square by 11.6 thin

SANYO DENKI EUROPE SA. is pleased to introduce its new 2-phase 1.8° per step very thin stepping motor serie «SANMOTION F2 - SS24». This serie has achieved industry-leading thinness of 11.6 mm among 42 mm square size motors.



Specifications

Basic angle : 1.8°

Winding : bipolar (unipolar models available upon request) with lead wire output

Rated current : 1A/phase

Model No.		Size		Holding torque at 2-phase energization	Mass
Single shaft	Double shaft	Flange size	Motor length		
SS2421-5041	SS2421-5011	42 mm	11.6 mm	0.083 Nm min.	0.07 kg
SS2422-5041	SS2422-5011	42 mm	18.6 mm	0.186 Nm min.	0.14 kg
SS2423-5041	SS2423-5011	42 mm	25.6 mm	0.24 Nm min.	0.2 kg

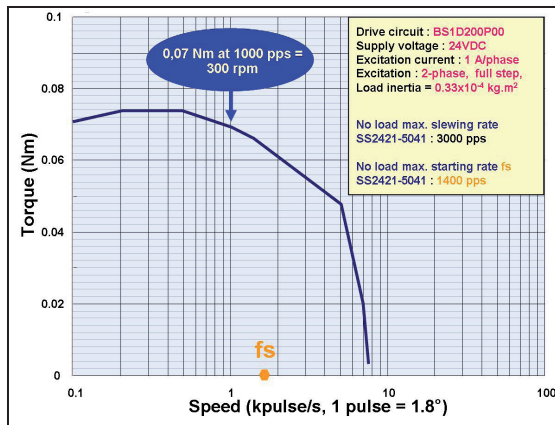


Figure 1 : SS2421 Torque - Speed Curve

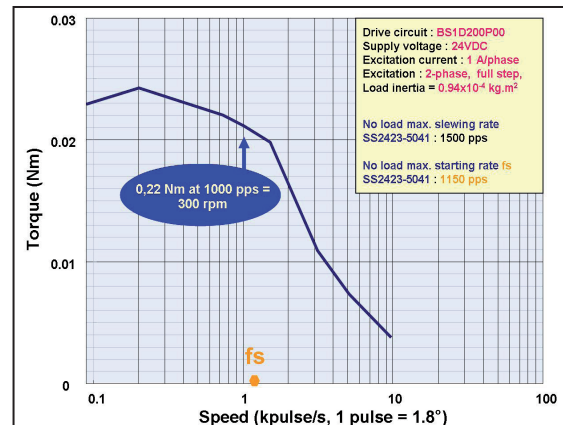


Figure 2 : SS2423 Torque - Speed Curve

Main features

Industry Leading Thinness 11.6 mm with high torque

The first motor of this serie is the higher torque hybrid stepping motor of the market with such small thickness of 11,6 mm and a weight of 0,07 kg. Easily installed into very compact devices, it contributes to downsizing of equipments and offer new design possibilities for device manufacturers.

Target Applications

Small surveillance camera, chip mounter and semiconductor manufacturing device, general-purpose mounter, medical inspection device, etc.

For further information on Sanyo Denki «SANMOTION F2 - SS24», please contact us at +33 1 48 63 26 61 or email us at info@sanyodenki.eu.

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