

2 Phase hybride stappenmotor / 2 Phase hybride steppermotor

Moteur hybride pas à pas 2 phases / 2 Phase hybride Schrittmotor

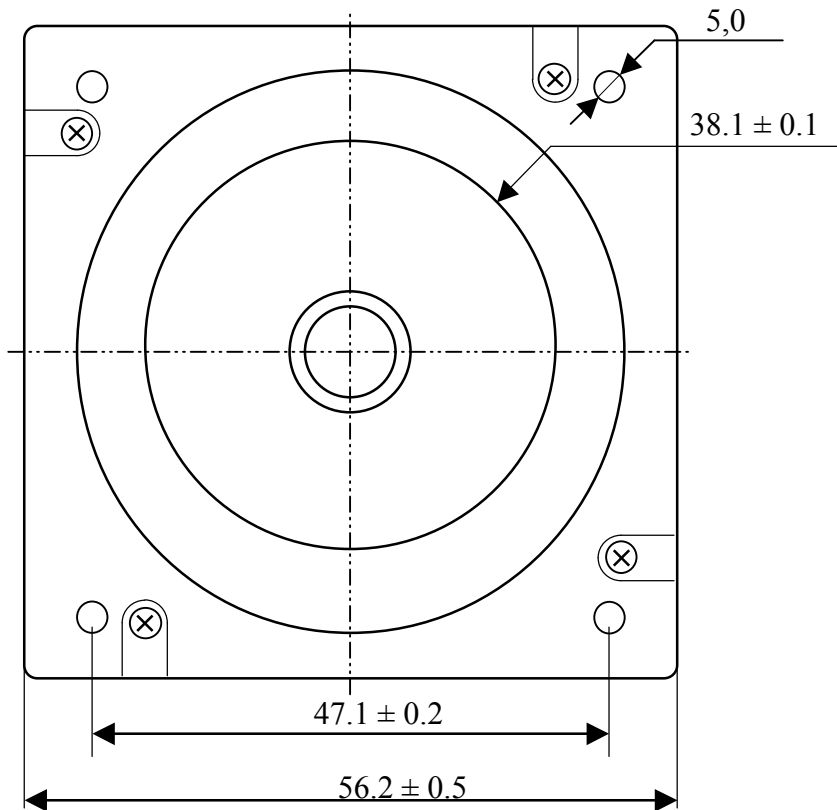
Size 23 Series

Versie : 1.1
 Step Angle : 1.8 Degree
 Positional Accuracy : 5%
 Number of phases : 2
 Temperature rise : 80 degree max.
 Dielectric strength : 500 Vdc
 Insulation resistance : 100 Mohm (500 Vdc)
 Insulation class : B
 Radial play : 0.025 mm (450 g load)

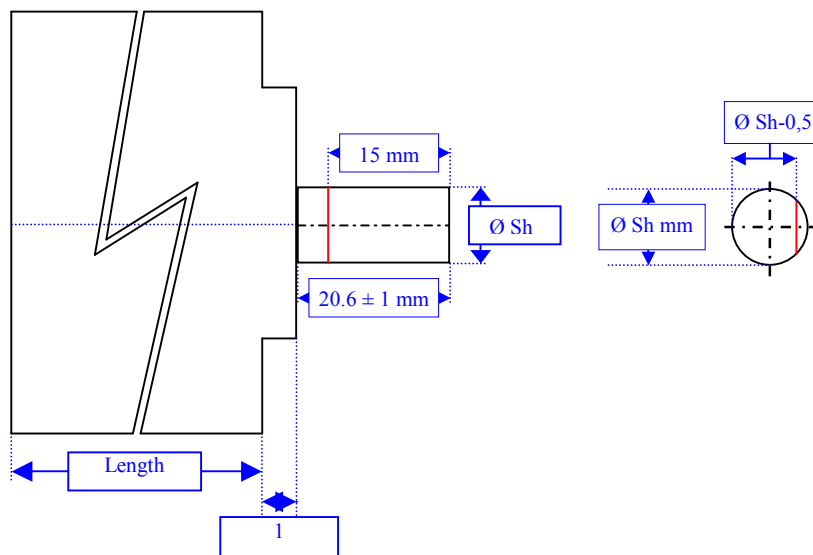
	N	A	Ohm	V	mH	shaft	Kg	mm
23LC041-025-8W-F6-0.5	0.5	1.25	0.76	0.94	0.75	F6	0.47	41
23LC041-025-8W-F6.F6-0.5	0.5	1.25	0.76	0.94	0.75	F6 S6	0.48	41
23LC041-025-8W-F8-0.5	0.5	1.25	0.76	0.94	0.75	F8	0.47	41
23LC041-025-8W-F8.F8-0.5	0.5	1.25	0.76	0.94	0.75	F8 S8	0.48	41
23LC051-025-8W-F6.35-1.0	1.0	1.25	0.9	1.1	1.5	F6.35	0.63	51
23LC051-025-8W-F8-1.0	1.0	1.25	0.9	1.1	1.5	F8	0.63	51
23LC051-025-8W-F8.F8-1.0	1.0	1.25	0.9	1.1	1.5	F 8 F 8	0.64	51
23LC051-025-8W-F10-1.0	1.0	1.25	0.9	1.1	1.5	F10	0.63	51
23LC064-025-8W-F10-1.5	1.5	1.25	1.2	1.5	2.1	F10	0.89	64
23LC064-025-8W-F10.F10-1.5	1.5	1.25	1.2	1.5	2.1	F10 F10	0.89	64
23SM100-030-8W-F10-2.0	2.0	1.5	1.4	2.1	3.0	F10	1.5	100
23SM100-030-8W-F10.F10-2.0	2.0	1.5	1.4	2.1	3.0	F10 F10	1.5	100
23SM112-030-8W-F10-2.5	2.5	1.5	1.5	2.3	3.8	F10	1.7	112
23SM112-030-8W-F10.F10-2.5	2.5	1.5	1.5	2.3	3.8	F10 F10	1.7	112

N (Nm)	= Koppel	= Torque	= Haltemoment	= couple
A (Ampere)	= Stroom / spoel	= Current / coil	= Strom / spule	= le courant / bobine
Ohm (Ohm)	= Weerstand / spoel	= Resistance / coil	= weerstand / spule	= resistance / bobine
V (Volt)	= Spanning / spoel	= Voltage / coil	= spannung / spule	= tension / bobine
MH (mH)	= Zelfinductie / spoel	= Selfinduction / coil	= Selfinduction / spule	= l'inductance / bobine
Gcm2 (Gcm2)	= Rotor inertia	= Rotor inertia	= Rotor inertia	= le inertia de rotor
Kg (Kg)	= Gewicht van motor	= Weight of stepper motor	= Motorgewicht	= le poids de moteur
Mm (mm)	= Lengte van motor	= Length of stepper motor	= Motor lange	= la longueur de moteur

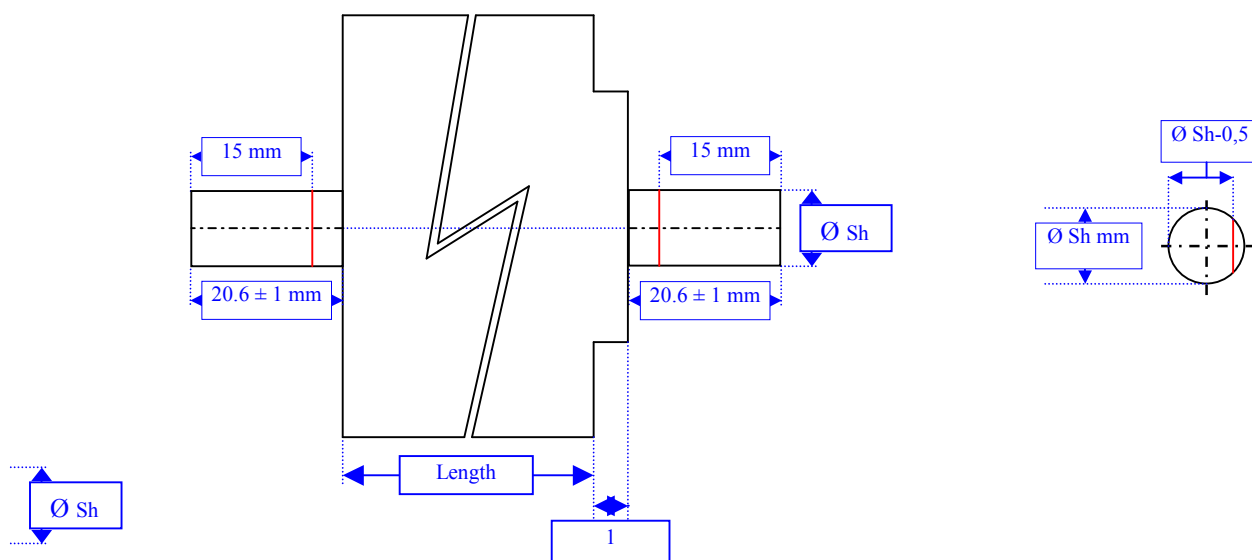
Nema 23 Size steppermotor



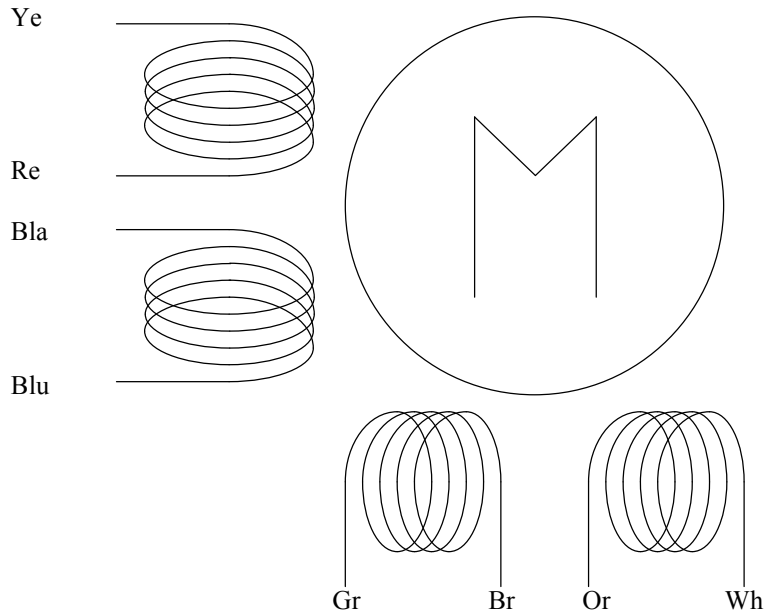
Single shaft (Fx) type stepper motor



Double shaft (Fx.Fx) type stepper motor



Draden / wires / leitungen / fils



Ye	= Geel	= Yellow	= Gelb	= Jaune
Re	= Rood	= Red	= Rot	= Rouge
Bla	= Zwart	= Black	= Zwart	= Noir
Blu	= Blauw	= Blue	= Blau	= Bleu
Gr	= Groen	= Green	= Grün	= Vert
Br	= Bruin	= Braun	= Braun	= Brun
Or	= Oranje	= Orange	= Orange	= Orange
Wh	= Wit	= White	= Weiss	= Blanc

Aansluitingen / Wiring / anslusse / les raccordements

Bipolair Parallel :	Motor		Driver
	Ye + Bl	→	A+
	Re + Blu	→	A-
	Gr + Or	→	B+
	Br + Wh	→	B-
Maximum torque	= maximum torque		
Maximum current	= 2 * Current / coil		
Self induction	= Induction / coil		

Bipolair Serieel :	Motor		Driver
	Ye	→	A+
	Re + Bl		
	Blu	→	A-
	Gr	→	B+
	Br + Or		
	Wh	→	B-
Maximum torque	= maximum torque		
Maximum current	= Current / coil		
Self induction	= 4 * Induction / coil		

Unipolair :	Motor		Driver
	Ye	→	A+
	Re + Bl	→	+ V
	Blu	→	A-
	Gr	→	B+
	Br + Or	→	+V
	Wh	→	B-
Maximum torque	= maximum torque / 1.4		
Maximum current	= 1.4 * Current / coil		
Self induction	= Induction / coil		