

## 2-Phase Stepping Motor Bi-Polar Type ( NEMA23 57mm · 1.8° )



### MOTOR SPECIFICATIONS

Model	Current	Resistance	Inductance	Holding torque		Inertia	Length	Weight	
	A	$\Omega \pm 10\%$	mH $\pm 20\%$	N.m	OZ.in	g/cm <sup>2</sup>	mm Max	Kg	Lbs
SD57H242-0104	1.0	4.2	9.0	0.6	85.0	14.0	42.5	0.46	1.0
SD57H242-0204	2.0	1.2	2.3	0.6	85.0	14.0	42.5	0.46	1.0
SD57H242-0304	3.0	0.5	1.0	0.6	85.0	14.0	42.5	0.46	1.0
SD57H245-0104	1.0	4.5	11.0	0.8	113.3	180	45.5	0.52	1.2
SD57H245-0204	2.0	1.3	2.9	0.8	113.3	180	45.5	0.52	1.2
SD57H245-0304	3.0	0.6	1.3	0.8	113.3	180	45.5	0.52	1.2
SD57H251-0104	1.0	5.3	16.4	1.0	141.6	240	51.5	0.64	1.4
SD57H251-0204	2.0	1.5	4.4	1.0	141.6	240	51.5	0.64	1.4
SD57H251-0304	3.0	0.7	2.0	1.0	141.6	240	51.5	0.64	1.4
SD57H255-0104	1.0	5.8	21.0	1.2	170.0	280	55.5	0.72	1.6
SD57H255-0204	2.0	1.6	5.3	1.2	170.0	280	55.5	0.72	1.6
SD57H255-0304	3.0	0.7	2.4	1.2	170.0	280	55.5	0.72	1.6
SD57H265-0204	2.0	2.0	6.1	1.7	240.8	350	65.5	0.86	1.9
SD57H265-0304	3.0	0.9	3.0	1.7	240.8	350	65.5	0.86	1.9
SD57H265-0404	4.0	0.5	1.6	1.7	240.8	350	65.5	0.86	1.9
SD57H276-0204	2.0	2.4	9.0	2.0	283.3	480	76.5	1.06	2.3
SD57H276-0304	3.0	1.1	4.2	2.0	283.3	480	76.5	1.06	2.3
SD57H276-0404	4.0	0.6	2.4	2.0	283.3	480	76.5	1.06	2.3
SD57H280-0304	3	1.2	4.5	2.2	311.6	520	80.5	1.2	2.6
SD57H280-0404	4	0.65	2.5	2.2	311.6	520	80.5	1.2	2.6
SD57H280-0504	5	0.36	1.76	2.2	311.65	520	80.5	1.2	2.6
SD57H2100-0404	4	0.88	3.2	3	425	720	101	1.5	3.25
SD57H2100-0504	5	0.5	2.3	3	425	720	101	1.5	3.25

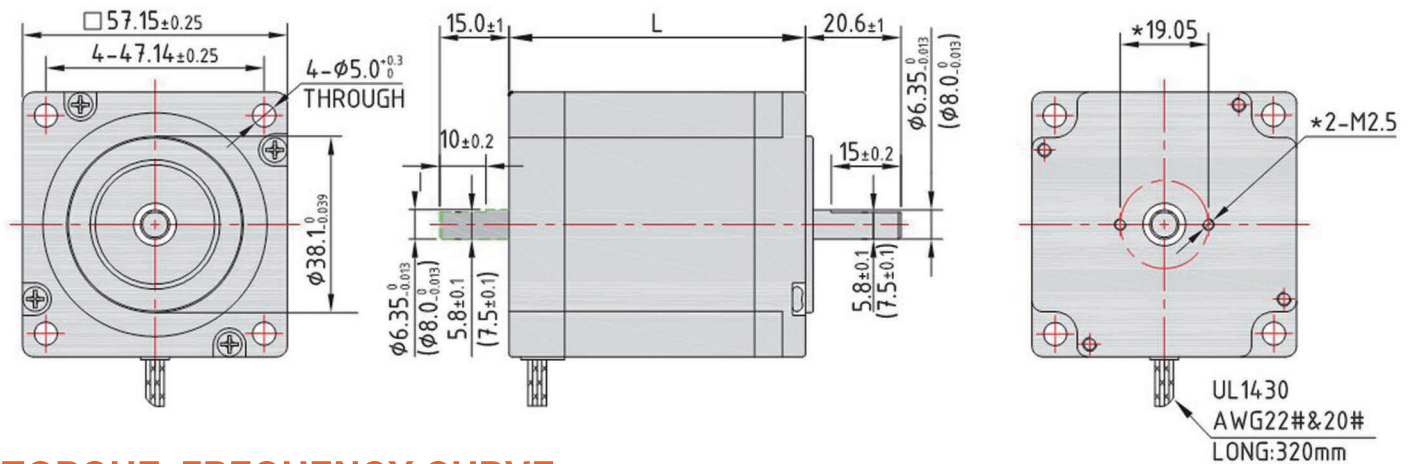
# 2-Phase Stepping Motor Uni-Polar type (NEMA23 57mm · 1.8°)



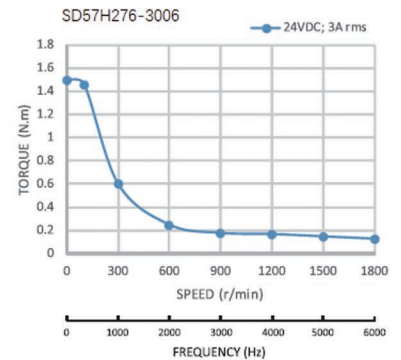
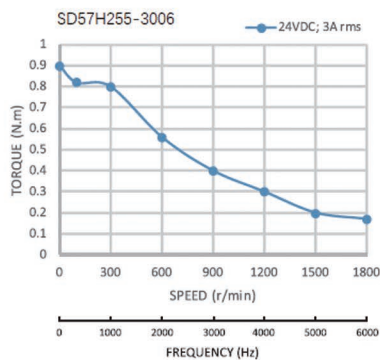
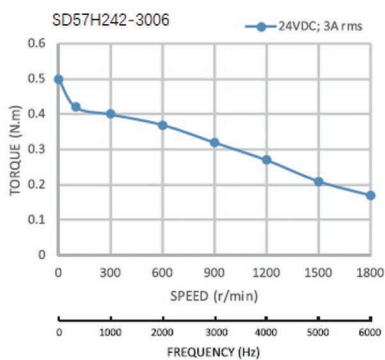
## MOTOR SPECIFICATIONS

Model	Current	Resistance	Inductance	Holding torque		Inertia	Length	Weight	
	A	$\Omega \pm 10\%$	mH $\pm 20\%$	N.m	OZ.in	g/cm <sup>2</sup>	mm Max	Kg	Lbs
SD57H242-3006	3	0.6	0.5	0.5	70.81	140	42.5	0.46	1.01
SD57H255-3006	3	1.55	0.9	0.9	127.45	180	55.5	0.72	1.59
SD57H276-3006	3	2.4	1.4	1.5	212.42	480	76.5	1.1	2.43

## DIMENSION (UNIT:MM)



## TORQUE-FREQUENCY CURVE



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## TORQUE-FREQUENCY CURVE

