



## DS-series Specifications

System Model		DS-1000-4H	DS-1000-6H	DS-1000-8H	DS-1000-10M	
System Specifications	Table Size(mm)		□400	□600	□800	□1000
	Rated Force	Sine(kN)	9.8	9.8	9.8	9.8
		Random(kN)	4.9	4.9	4.9	4.9
		Shock(kN)	14.7	14.7	14.7	14.7
	Maximum Acceleration(m/s <sup>2</sup> )		108	75	54	32
	Maximum Velocity(m/s)		1	1	1	1
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		90	130	180	300
	Maximum Frequency	Horizontal(Hz)	1,000	800	700	350
		Vertical(Hz)	1,000	1,000	700	500
	Maximum Load(kg)		100	100	200	200
	Power Requirements(kVA)		30	30	30	30
Cooling Water(L/min)		—	—	—	—	
System Model		DS-2000-5H	DS-2000-8M	DS-2000-10M	DS-2000-15M	
System Specifications	Table Size(mm)		□500	□800	□1000	□1500
	Rated Force	Sine(kN)	19.6	19.6	19.6	19.6
		Random(kN)	9.8	9.8	9.8	9.8
		Shock(kN)	29.4	29.4	29.4	29.4
	Maximum Acceleration(m/s <sup>2</sup> )		150	81	67	28
	Maximum Velocity(m/s)		1	1	1	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		130	240	290	680
	Maximum Frequency	Horizontal(Hz)	800	500	350	250
		Vertical(Hz)	800	800	500	350
	Maximum Load(kg)		200	300	500	500
	Power Requirements(kVA)		66	66	66	66
Cooling Water(L/min)		—	—	—	—	
System Model		DS-3000-5H	DS-3000-8M	DS-3000-10M	DS-3000-15M	
System Specifications	Table Size(mm)		□500	□800	□1000	□1500
	Rated Force	Sine(kN)	29.4	29.4	29.4	29.4
		Random(kN)	14.7	14.7	14.7	14.7
		Shock(kN)	44.1	44.1	44.1	44.1
	Maximum Acceleration(m/s <sup>2</sup> )		196	140	91	47
	Maximum Velocity(m/s)		1	1	1	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		150	210	320	620
	Maximum Frequency	Horizontal(Hz)	800	500	350	250
		Vertical(Hz)	800	800	500	350
	Maximum Load(kg)		200	300	500	500
	Power Requirements(kVA)		76	76	76	76
Cooling Water(L/min)		—	—	—	—	



System Model			DS-5000-6H	DS-5000-8H	DS-5000-10M	DS-5000-15M
System Specifications	Table Size(mm)		□600	□800	□1000	□1500
	Rated Force	Sine(kN)	49	49	49	49
		Random(kN)	29.4	29.4	24.5	24.5
		Shock(kN)	73.5	73.5	58.8	58.8
	Maximum Acceleration(m/s <sup>2</sup> )		350	204	163	59
	Maximum Velocity(m/s)		1	1	0.9	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		140	240	300	820
	Maximum Frequency	Horizontal(Hz)	800	700	350	250
		Vertical(Hz)	1,000	800	500	350
	Maximum Load(kg)		300	300	500	700
	Power Requirements(kVA)		104	104	106	106
	Cooling Water(L/min)		370	370	360	360
System Model			DS-6000-6H	DS-6000-8H	DS-6000-10M	DS-6000-15M
System Specifications	Table Size(mm)		□600	□800	□1000	□1500
	Rated Force	Sine(kN)	61.7	61.7	61.7	61.7
		Random(kN)	37	37	30.8	30.8
		Shock(kN)	92.5	92.5	74	74
	Maximum Acceleration(m/s <sup>2</sup> )		385	268	102	75
	Maximum Velocity(m/s)		1	1	0.9	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		160	230	600	820
	Maximum Frequency	Horizontal(Hz)	800	700	350	250
		Vertical(Hz)	1,000	800	500	350
	Maximum Load(kg)		300	300	500	700
	Power Requirements(kVA)		126	126	128	128
	Cooling Water(L/min)		440	440	430	430

\* Depending on the reference PSD or other operating conditions such as the specimen, one part of the controlled response may deviate from the reference PSD