



TS-series Specifications

System Model		TS-1000-4H	TS-1000-6H	TS-1000-8H	TS-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 ²)		98	65	42	33
	Maximum Velocity(m/s)		1	1	1	1
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		100	150	230	290
	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)		41	41	41	41
	Cooling Water(L/min)		—	—	—	—
System Model		TS-2000-5H	TS-2000-8M	TS-2000-10M	TS-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 ²)		163	98	65	30
	Maximum Velocity(m/s)		1	1	1	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		120	200	300	640
	Maximum Frequency	Horizontal(Hz)	800	500	350	250
		Vertical(Hz)	800	800	500	350
	Maximum Load(kg)		200	300	500	500
	Power Requirements(kVA)		94	94	94	94
	Cooling Water(L/min)		—	—	—	—
System Model		TS-3000-5H	TS-3000-8M	TS-3000-10M	TS-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 ²)		196	113	73	43
	Maximum Velocity(m/s)		1	1	1	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		150	260	400	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)		110	110	110	110
	Cooling Water(L/min)		—	—	—	—



System Model		TS-5000-6H	TS-5000-8H	TS-5000-10M	TS-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 ²)		306	222	158	67
	Maximum Velocity(m/s)		1	1	0.9	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		160	220	310	730
	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)		149	149	153	153
Cooling Water(L/min)		550	550	530	530	
System Model		TS-6000-6H	TS-6000-8H	TS-6000-10M	TS-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 ²)		342	257	199	84
	Maximum Velocity(m/s)		1	1	0.9	0.9
	Maximum Displacement (mmp-p)		51	51	51	51
	Armature Mass(kg)		180	240	310	730
	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)		182	182	182	186
Cooling Water(L/min)		650	650	640	640	

* 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