



TC-series Specifications

System Model		TC-1000-4H	TC-1000-6H	TC-1000-8H	TC-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)	1000	800	700	350
		Vertical(Hz)	1000	1000	700	500
	Maximum Load(kg)		100	100	200	200
	Power Requirements(kVA)		27	27	27	27
	Cooling Water(L/min)		—	—	—	—
System Model		TC-2000-5H	TC-2000-8M	TC-2000-10M	TC-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)		43	43	43	43
	Cooling Water(L/min)		—	—	—	—
System Model		TC-3000-5H	TC-3000-8M	TC-3000-10M	TC-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)		52	52	52	52
	Cooling Water(L/min)		—	—	—	—



System Model		TC-5000-6H	TC-5000-8H	TC-5000-10M	TC-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)	1000	800	500	350
	Maximum Load(kg)		300	300	500	700
	Power Requirements(kVA)		77	77	75	75
Cooling Water(L/min)		195	195	190	190	
System Model		TC-6000-6H	TC-6000-8H	TC-6000-10M	TC-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)	1000	800	500	350
	Maximum Load(kg)		300	300	500	700
	Power Requirements(kVA)		93	93	91	91
Cooling Water(L/min)		230	230	225	225	

* 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