

◆Rotary Servomotors and SERVOPACKs with AC Power Input

Rotary Servomotor Model		Capacity	SERVOPACK Model SGD□□□□			Stock Status	
			Single-phase 100 VAC	Three-phase 200 VAC	Three-phase 400 VAC		
SGMMV (Ultra-Small Capacity) 3000RPM	SGMMV-A1A	10 W	R90F	R90A	—	S	
	SGMMV-A2A	20 W		R90A			
	SGMMV-A3A	30 W		1R6A			
SGMJV (Medium Inertia, Small Capacity) 3000RPM	SGMJV-A5A	50 W	R70F	R70A	—	S	
	SGMJV-01A	100 W	R90F	R90A			
	SGMJV-C2A	150 W	2R1F	1R6A			
	SGMJV-02A	200 W	2R1F	1R6A			
	SGMJV-04A	400 W	2R8F	2R8A			
	SGMJV-06A	600 W	—	5R5A			
	SGMJV-08A	750 W	—	5R5A			
SGMAV (Low Inertia, Small Capacity) 3000RPM	SGMAV-A5A	50 W	R70F	R70A	—	S	
	SGMAV-01A	100 W	R90F	R90A			
	SGMAV-C2A	150 W	2R1F	1R6A			
	SGMAV-02A	200 W					
	SGMAV-04A	400 W	2R8F	2R8A			
	SGMAV-06A	550 W	—	5R5A			
	SGMAV-08A	750 W					
SGMAV-10A	1.0 kW	—	120A <sup>*1</sup>				
SGMGV (Medium Inertia, Medium Capacity) 1500RPM	SGMGV-03A	300 W	—	3R8A	—	S	
	SGMGV-05A	450 W		7R6A			
	SGMGV-09A	850 W		120A			
	SGMGV-13A	1.3 kW		180A			
	SGMGV-20A	1.8 kW		330A/200A <sup>*2</sup>			
	SGMGV-30A	2.9 kW		330A			
	SGMGV-44A	4.4 kW		470A			
	SGMGV-55A	5.5 kW		550A			
	SGMGV-75A	7.5 kW		590A			
	SGMGV-1AA	11 kW		780A			
	SGMGV-1EA	15 kW		—			1R9D
	SGMGV-03D	300 W		—			3R5D
	SGMGV-05D	450 W		—			5R4D
	SGMGV-09D	850 W		—			8R4D
	SGMGV-13D	1.3 kW		—			120D
	SGMGV-20D	1.8 kW		—			170D
	SGMGV-30D	2.9 kW		—			210D
	SGMGV-44D	4.4 kW		—			260D
	SGMGV-55D	5.5 kW		—			280D
SGMGV-75D	7.5 kW	—	370D				
SGMSV (Low Inertia, Medium Capacity) 3000RPM	SGMSV-10A	1.0 kW	—	7R6A	—	S	
	SGMSV-15A	1.5 kW		120A			
	SGMSV-20A	2.0 kW		180A			
	SGMSV-25A	2.5 kW		200A			—
	SGMSV-30A	3.0 kW					
	SGMSV-40A	4.0 kW		330A			—
	SGMSV-50A	5.0 kW					
	SGMSV-70A	7.0 kW		550A			
	SGMSV-10D	1.0 kW		—			3R5D
	SGMSV-15D	1.5 kW					5R4D
	SGMSV-20D	2.0 kW					8R4D
	SGMSV-25D	2.5 kW					120D
	SGMSV-30D	3.0 kW					
	SGMSV-40D	4.0 kW					170D
	SGMSV-50D	5.0 kW					

\*1: Single-phase 200 VAC SERVOPACKs are also available (SERVOPACK model: SGD□V-120A□□A008000).

\*2: The combination of the SGD□V-200A SERVOPACK and the SGM□V-30A servomotor must be used at the following reduction ratings.

		Reduction Ratings	Ratings
Rated Current	$I_{rms}$	19.6	23.8
Rated Torque	Nm	15.3	18.6
Allowable Load Moment of Inertia		3 times	5 times

◆Rotary Servomotors and SERVOPACKs with DC Power Input

Rotary Servomotor Model		Capacity	SERVOPACK Model SGD□-□□□□		Stock Status
			24 VDC/48 VDC		
SGMMV (Low Inertia, Ultra-small Capacity) 3000 min-1	SGMMV-B3E	3.3 W	1R7E	S	
	SGMMV-B5E	5.5 W			
	SGMMV-B9E	11 W			
	SGMMV-A1E	10 W	2R9E		
	SGMMV-A2E	20 W			
SGMMV-A3E	30 W				

◆Linear Servomotors and SERVOPACKs with AC Power Input

Linear Servomotor Model		Rated Force N	Peak Force N	SERVOPACK Model SGD□-□□□□			Stock Status		
				Single-phase 100 VAC	Three-phase 200 VAC	Three-phase 400 VAC			
SGLGW (Coreless Type, With standard magnetic way)	SGLGW-30A050C	12.5	40	R70F	R70A	—	S		
	SGLGW-30A080C	25	80	R90F	R90A				
	SGLGW-40A140C	47	140	2R1F	1R6A				
	SGLGW-40A253C	93	280						
	SGLGW-60A140C	70	220	2R8F	2R8A				
	SGLGW-40A365C	140	420						
	SGLGW-60A253C	140	440	—	5R5A				
	SGLGW-60A365C	210	660		120A				
	SGLGW-90A200C	325	1300		180A				
	SGLGW-90A370C	550	2200		200A				
SGLGW-90A535C	750	3000							
SGLGW (Coreless Type, With high-efficiency magnetic way)	SGLGW-40A140C	57	230	2R1F	1R6A	—	NS		
	SGLGW-60A140C	85	360	2R8F	2R8A				
	SGLGW-40A253C	114	460		—			3R8A	
	SGLGW-40A365C	171	690	7R6A					
	SGLGW-60A253C	170	720						
SGLGW-60A365C	255	1080							
SGLFW (With F-type Iron Core)	SGLFW-20A090A	25	86	2R1F	1R6A	—	S		
	SGLFW-20A120A	40	125						
	SGLFW-35A120A	80	220						
	SGLFW-35A230A	160	440	—	3R8A				
	SGLFW-50A200B	280	600		5R5A				
	SGLFW-50A380B	560	1200		120A				
	SGLFW-1ZA200B	560	1200		—			200A	
	SGLFW-1ZA380B	1120	2400	1R9D					
	SGLFW-35D120A	80	220					3R5D	
	SGLFW-35D230A	160	440	5R4D					
	SGLFW-50D200B	280	600	—				120D	
	SGLFW-50D380B	560	1200						
	SGLFW-1ZD200B	560	1200						
	SGLFW-1ZD380B	1120	2400						
SGLTW (With T-type Iron Core)	SGLTW-20A170A	130	380	—	3R8A	—	NS		
	SGLTW-35A170A	220	660		5R5A				
	SGLTW-35A170H	300	600		7R6A				
	SGLTW-50A170H	450	900						
	SGLTW-20A320A	250	760		120A				
	SGLTW-20A460A	380	1140						
	SGLTW-35A320A	440	1320						
	SGLTW-35A320H	600	1200						
	SGLTW-50A320H	900	1800		180A				
	SGLTW-35A460A	670	2000						
	SGLTW-40A400B	670	2600		330A				
	SGLTW-40A600B	1000	4000						
	SGLTW-80A400B	1300	5000		—			3R5D	
	SGLTW-35D170H	300	600						
	SGLTW-50D170H	450	900						8R4D
	SGLTW-35D320H	600	1200						
	SGLTW-50D320H	900	1800						120D
	SGLTW-40D400B	670	2600						
	SGLTW-40D600B	1000	4000						170D
	SGLTW-80D400B	1300	5000						

### ◆Linear Slides ( $\Sigma$ -Trac) and SERVOPACKs

Linear Slide Model		Rated Force N	Peak Force N	SERVOPACK Model SGD□-□□□□		Stock Status
				Single-phase 100 VAC	Three-phase 200 VAC	
SGT1F ( $\Sigma$ -Trac)	SGT1F31-	80	220	2R1F	1R6A	LS
	SGT1F41-	160	440		3R8A	
	SGT1F91-	280	600	—	5R5A	
	SGT1FA1-	560	1200		120A	
SGTMM ( $\Sigma$ -Trac- $\mu$ )	SGTMM-01	3.5	10	R70F	R70A	GS
	SGTMM-03	7	25	R90F	R90A	
SGTMF ( $\Sigma$ -Trac-MAG)	SGTMF-4A	90	270	2R1F	1R6A	GS
	SGTMF-4B	120	360			
	SGTMF-5A	180	540	—	5R5A	
	SGTMF-5B	240	720			

### ◆Direct Drive Servomotors and SERVOPACKs

Direct Drive Servomotor Model		Rated Torque N m	Peak Torque N m	SERVOPACK Model SGD□-□□□□		Stock Status
				Single-phase 100 VAC	Three-phase 200 VAC	
SGMCS (Small Capacity)	SGMCS-02B	2	6	2R1F	2R8A	S
	SGMCS-05B	5	15			
	SGMCS-07B	7	21			
	SGMCS-04C	4	12	2R8F		
	SGMCS-10C	10	30			
	SGMCS-14C	14	42			
	SGMCS-08D	8	24			
	SGMCS-17D	17	51			
	SGMCS-25D	25	75			
	SGMCS-16E	16	48	—		
SGMCS-35E	35	105	—	5R5A		
SGMCS (Medium Capacity)	SGMCS-45M	45	135	—	7R6A	S
	SGMCS-80M	80	240		120A	
	SGMCS-80N	80	240		180A	
	SGMCS-1AM	110	330		200A	
	SGMCS-1EN	150	450			
	SGMCS-2ZN	200	600			