



SMD

BRILLIANTLY AGILE!

SMD GEARBOX



HIGH PRECISION SERVO GEARBOX





Specification	Unit	Ratio	SCSG14	SCSG17	SCSG20	SCSG25	SCSG32	SCSG40
Rated Output Torque	kgfm/Nm	50	0.55/5.4	1.6/16	2.5/25	4.0/39	7.8/76	14/137
		80	0.80/7.8	2.2/22	3.5/34	6.4/63	12/118	21/206
		100	0.80/7.9	2.4/24	4.1/40	6.8/67	14/137	27/265
		120	0.80/7.10	2.4/25	4.1/40	6.8/67	14/137	30/294
		160	-	-	4.1/40	-	-	-
Maximum Acceleration Torque	Nm	50	1.8/18	3.5/34	5.7/56	10/98	22/216	41/402
		80	2.4/23	4.4/43	7.5/74	14/137	31/304	53/519
		100	2.9/28	5.5/54	8.4/82	16/157	34/333	58/568
		120	2.9/28	5.5/54	8.9/87	17/167	36/353	63/617
		160	-	-	9.4/92	-	-	-
Emergency Stop Torque	Nm	50	3.6/35	7.1/70	10/98	19/186	39/382	70/686
		80	4.8/47	8.1/87	13/127	26/255	58/568	100/980
		100	5.5/54	11/108	15/147	29/284	66/647	110/1080
		120	5.5/54	8.8/86	15/147	31/304	70/686	120/1180
		160	-	-	15/147	-	-	-
Permissible Maximum Input Speed	rpm	50-160	8500	7300	6500	5600	4800	4000
Permissible Input Speed	rpm	50-160	3500	3500	3500	3500	3500	3000
Standard Backlash	arc-sec	20	20	20	20	20	20	20
Lifespan	hr	50	10000	10000	10000	10000	10000	10000
		80-160	15000	15000	15000	15000	15000	15000
Allowable radial force	N	50-160	180	230	270	440	900	1250
Allowable axial force F _{2aB}	N	50-160	180	230	270	440	900	1250
Bending Moment	Nm	50-160	20	30	42	80	220	650
Weight	Kg	50-160	0.52	0.68	0.98	1.5	3.2	-
Working temperature	°C	-10° C +80° C						
IP Grade		IP65						
Lubricating		Synthetic lubricating grease						

SMD Servo Gearbox

4 Reasons to Increase 50% Production



LOW VIBRATION



**INCREASES MACHINE WORKING
SPEED & STABILITY**



**EXCLUSIVE PRODUCT,
BACKLASH 1 ACR-MIN**



**INCREASE PRODUCTION
EFFICIENCY & QUALITY**



Planetary Gearbox with
Flange End – SPF



Harmonic Gearbox with
Hollow Bore End – SSHG

GET IN TOUCH



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