

# SKGR

**LINWIN**  
Motion-Technology



## Notre Atelier de production



## Nos produits

### VCS Series



Available in 6 sizes	14, 17, 20, 25, 32, 40
Ratio	30, 50, 80, 100, 120, 160
Rated output torque	4Nm - 294Nm
Backlash	Below ratio 50 less than 60 Arc Sec Higher ratio 80 less than 30 Arc Sec
Input type	I, 2UH, 2A

### VHS Series



Available in 6 sizes	14,17,20,25,32,40
Ratio	30, 50, 80, 100, 120, 160
Rated output torque	4Nm - 294Nm
Backlash	Below ratio 50 less than 60 Arc Sec Higher ratio 80 less than 30 Arc Sec
Input type	I, 2S0, 2UH, 2UJ, 2A

### VCD Series



Available in 6 sizes	14, 17, 20, 25
Ratio	50, 80, 100
Rated output torque	3.7Nm - 47Nm
Backlash	Less than 60 Arc Sec
Input type	2UH, 2UF

### VCSG Series



Available in 6 sizes	14, 17, 20, 25, 32, 40
Ratio	50,80,100,120,160
Rated output torque	7Nm - 382Nm
Backlash	Below ratio 50 less than 60 Arc Sec Higher ratio 80 less than 30 Arc Sec
Input type	I, 2UH, 2A

### VHSG Series



Available in 6 sizes	14,17,20,25,32,40
Ratio	50,80,100,120,160
Rated output torque	7Nm - 382Nm
Backlash	Below ratio 50 less than 60 Arc Sec Higher ratio 80 less than 30 Arc Sec
Input type	I, 2S0, 2UH, 2UJ, 2A

### VHD Series



Available in 4 sizes	14, 17, 20, 25
Ratio	50, 80, 100
Rated output torque	3.7Nm - 47Nm
Backlash	Less than 60 Arc Sec
Input type	2SH



## FAB Series



Available in 7 sizes	042, 060, 090, 115, 142, 180, 220	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10
	Dual stages	12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100
Backlash	Single stage	P0 ≤ 1 arcmin; P1 ≤ 3 arcmin; P2 ≤ 5 arcmin
	Dual stages	P0 ≤ 3 arcmin; P1 ≤ 5 arcmin; P2 ≤ 7 arcmin

## FABR Series



Available in 7 sizes	042, 060, 090, 115, 142, 180, 220	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10, 14, 20
	Dual stages	12, 15, 20, 25, 30, 40, 50, 60, 70, 80, 100, 120, 140, 160, 200
Backlash	Single stage	P0 ≤ 2 arcmin; P1 ≤ 4 arcmin; P2 ≤ 6 arcmin
	Dual stages	P0 ≤ 4 arcmin; P1 ≤ 7 arcmin; P2 ≤ 9 arcmin

## FAD Series



Available in 7 sizes	047, 064, 090, 110, 140, 200, 255	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	4, 5, 6, 7, 8, 10
	Dual stages	20, 25, 35, 40, 50, 60, 70, 80, 100
Backlash	Single stage	P0 ≤ 1 arcmin; P1 ≤ 3 arcmin; P2 ≤ 5 arcmin
	Dual stages	P0 ≤ 3 arcmin; P1 ≤ 5 arcmin; P2 ≤ 7 arcmin

## FADR Series



Available in 7 sizes	047, 064, 090, 110, 140, 200, 255	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	4, 5, 6, 7, 8, 10, 14, 20
	Dual stages	20, 25, 35, 40, 50, 60, 70, 80, 100, 120, 140, 200
Backlash	Single stage	P0 ≤ 2 arcmin; P1 ≤ 4 arcmin; P2 ≤ 6 arcmin
	Dual stages	P0 ≤ 4 arcmin; P1 ≤ 7 arcmin; P2 ≤ 9 arcmin

## FAF Series



Available in 6 sizes	060, 075, 100, 140, 180, 220	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10
	Dual stages	12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100
Backlash	Single stage	P0 ≤ 1 arcmin; P1 ≤ 3 arcmin; P2 ≤ 5 arcmin
	Dual stages	P0 ≤ 3 arcmin; P1 ≤ 5 arcmin; P2 ≤ 7 arcmin

## FAFR Series



Available in 6 sizes	060, 075, 100, 140, 180, 220	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10, 14, 20
	Dual stages	12, 15, 20, 25, 30, 40, 50, 60, 70, 80, 100, 120, 140, 160, 200
Backlash	Single stage	P0 ≤ 2 arcmin; P1 ≤ 4 arcmin; P2 ≤ 6 arcmin
	Dual stages	P0 ≤ 4 arcmin; P1 ≤ 7 arcmin; P2 ≤ 9 arcmin

## FB Series



Available in 7 sizes	042, 060, 090, 115, 142, 180, 220	
Rated output torque	14Nm—2000Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10
	Dual stages	12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100
Backlash	Single stage	≤ 5 arcmin
	Dual stages	≤ 7 arcmin

## FBR Series



Available in 4 sizes	060, 090, 115, 142	
Rated output torque	40Nm—650Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10, 14, 20
	Dual stages	12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100, 120, 140, 160, 200
Backlash	Single stage	≤ 10 arcmin
	Dual stages	≤ 12 arcmin

## FE Series



Available in 6 sizes	070, 090, 120, 155, 205, 235	
Rated output torque	40Nm—2000Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10
	Dual stages	12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100
Backlash	Single stage	≤ 5 arcmin
	Dual stages	≤ 7 arcmin

## FER Series



Available in 4 sizes	070, 090, 120, 155	
Rated output torque	40Nm—650Nm	
Ratio	Single stage	3, 4, 5, 6, 7, 8, 10, 14, 20
	Dual stages	12, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100, 120, 140, 160, 200
Backlash	Single stage	≤ 10 arcmin
	Dual stages	≤ 12 arcmin

## FAT-L/-L1/-R1



Available in 7 sizes	065, 075, 090, 110, 140, 170, 210	
Rated output torque	18Nm—1020Nm	
Ratio	Single stage	1, 2, 3
	Backlash	Single stage

## FAT-FL/-FL1/-FR1



Available in 7 sizes	065, 075, 090, 110, 140, 170, 210	
Rated output torque	12Nm—1020Nm	
Ratio	Single stage	1, 2
	Dual stages	4, 5, 6, 7, 8, 10, 15, 20
	Three stages	25, 30, 35, 40, 50, 75, 100, 120, 150, 200
Backlash	Single stage	≤ 6 arcmin
	Dual stages	≤ 10 arcmin
	Three stages	≤ 12 arcmin

## FAT-H/-C



Available in 7 sizes	065, 075, 090, 110, 140, 170, 210	
Rated output torque	12Nm—1020Nm	
Ratio	Single stage	1, 2, 3
	Backlash	Single stage

## FAT-FH/-FC



Available in 7 sizes	065, 075, 090, 110, 140, 170, 210	
Rated output torque	12Nm—1020Nm	
Ratio	Single stage	1, 2
	Dual stages	4, 5, 6, 7, 8, 10, 15, 20
	Three stages	25, 30, 35, 40, 50, 75, 100, 120, 150, 200
Backlash	Single stage	≤ 6 arcmin
	Dual stages	≤ 10 arcmin
	Three stages	≤ 12 arcmin

## FK Series



Available in 10 sizes	00, 01, 03, 04, 05, 06, 07, 09, 10, 11	
Rated output torque	130Nm—46518Nm	
Type	In line	L1, L2, L3, L4
	Right angle	R2, R3, R4
Output module	MZ/MC/HZ/HC/PZ/PC FZ/VK/FP/FDK/FZP	

## SKM



Available in 4 sizes	28, 38, 48, 58, 68	
Motor power	0.12Kw-5.5Kw	
Rated output torque	5.8Nm-874Nm	
Ratio	Dual stages	7.5, 10, 12.5, 15, 20, 25, 30, 40, 50, 60
	Three stages	75, 100, 125, 150, 200, 250, 300
Efficiency	85%	
Mounting position	B3, B6, B7, B8, V5, V6	

## MRV



Available in 10 sizes	025, 030, 040, 050, 063, 075, 090, 110, 130, 150	
Motor power	0.06kW—15kW	
Rated output torque	1.8Nm-1760Nm	
Ratio	Single stage	5, 7.5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100
	Dual stages	100, 150, 200, 250, 300, 400, 500, 600, 750, 900, 1200, 1500, 1800, 2400, 3000, 4000, 4800, 5000
Efficiency	50%-60%	
Mounting position	Single stage	B3, B6, B7, B8, V5, V6
	Dual stages	AS1, AS2, BS1, BS2, VS1, VS2, PS1, PS2

## SEM Series Servo Motor



Flange	40, 60, 80, 130, 180, 220
Rotor inertia	L: Low inertia M: Medium inertia H: High inertia
Voltag	AC220V, AC380V, DC24V, DC48V, DC72V
Rated torque	0.6/1.3/2.4Nm
Rated speed	1000, 1500, 2000, 2500, 3000r/min
Encode	W/S/Z/C/M/G/J/K/X

## SED Servo Drive System



Power	0.05/0.1/0.2/0.4/0.75/1.0/1.5k/2.0/3.0/5.5/7.5/11.0kW	Encode	W: No encoder S: Line-saving style Z: Incremental N: NRZ protocol B: Biss protocol E: EnDat protocol S: SSI protocol X: Rotary variant
Voltag	AC220V, AC380V, DC24V, DC48V, DC72V		
Control instructions	P: Pulse +analog quantity +modbus C: Pulse +analog quantity +canopen E: EtherCAT		