

Synchronous unidirectional

Model	Max output torque	
G01	80Ncm	
G04	150Ncm	G07 150Ncm
		G08 150Ncm
		G17 200Ncm
G02	80Ncm	G11 250Ncm
G05	150Ncm	G14 500Ncm
		GE4 150Ncm
		GE3 200Ncm
		GE5 250Ncm
GE1	80Ncm	GE6 500Ncm
GE2	150Ncm	GSB 600Ncm

Synchronous bidirectional

	GDD/G09	150Ncm
	GDC/G18	200Ncm
	GDE/G12	250Ncm
G03/GDA	80Ncm	GDF/G15 500Ncm
G06/GDB	150Ncm	GSD/GSC 600Ncm

Stepper

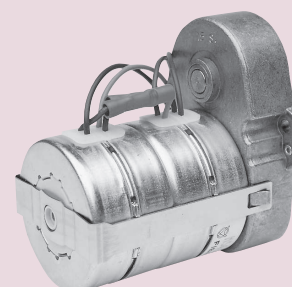
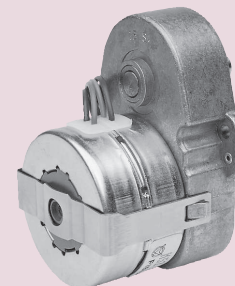
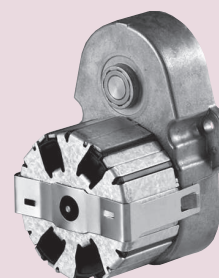
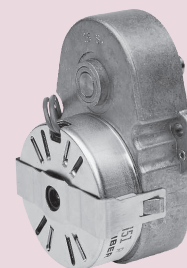
	G29	150Ncm
	G20	200Ncm
G23	80Ncm	G31 250Ncm
G27	150Ncm	G33 500Ncm

Synchronous bidirectional

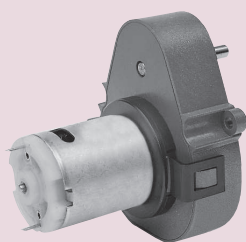
	G10	150Ncm
	G19	200Ncm
	G13	250Ncm
G24	80Ncm	G16 500Ncm
G25	150Ncm	GSE 600Ncm

Stepper

	G30	150Ncm
	G21	200Ncm
G26	80Ncm	G32 250Ncm
G28	150Ncm	G34 500Ncm

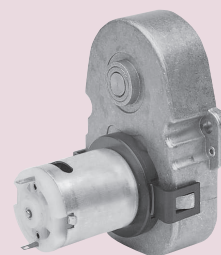


Motor-gearboxes



Direct current

Model	Max Output torque	Output power at max eff.	
G70	80Ncm	1 W (12Vdc) 1.5 W (24Vdc)	
G71	150Ncm		
G72	150Ncm		
G75	200Ncm		
G73	250Ncm		
G74	500Ncm		
G80	80Ncm	1.7 W (12Vdc) 2 W (24Vdc)	
G81	150Ncm		
G82	150Ncm		
G83	200Ncm		
G84	250Ncm		
G85	500Ncm		
G90	80Ncm	4.68 W (12Vdc) 4.78 W (24Vdc)	
G91	150Ncm		
G92	150Ncm		
G93	200Ncm		
G94	250Ncm		
G95	500Ncm		

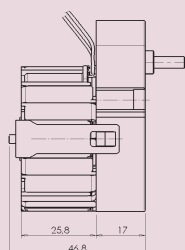


Motor-gearboxes composition

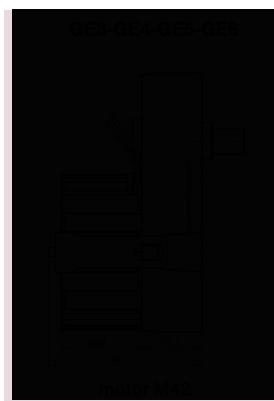
Gearbox		Motor										
		Synchronous										
	Maximum torque	Unidirectional			Bidirectional			Stepper		Direct current		
		M61	M51	M42	M52	M53	M54	M72	M74	M80	M83	M84
W01	80 Ncm	G01	G02	GE1	G03	GDA	G24	G23	G26	G70	G80	G90
W02	150 Ncm	G04	G05	GE2	G06	GDB	G25	G27	G28	G71	G81	G91
W10	200 Ncm		G17	GE3	G18	GDC	G19	G20	G21	G75	G83	G93
W11	150 Ncm	G07	G08	GE4	G09	GDD	G10	G29	G30	G72	G82	G92
W12	250 Ncm		G11	GE5	G12	GDE	G13	G31	G32	G73	G84	G94
W13	500 Ncm		G14	GE6	G15	GDF	G16	G33	G34	G74	G85	G95
W20	600 Ncm			GSB	GSC	GSD	GSE					
		Motor-gearbox										

Motor-gearboxes overall dimensions with motor M42 and gearboxes W01, W02, W10, W11, W12, W13

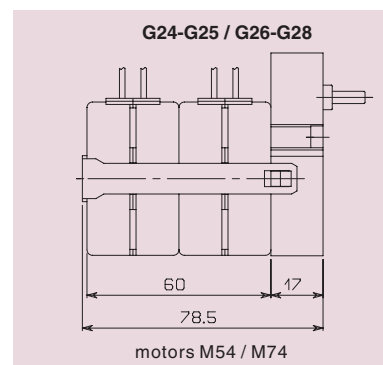
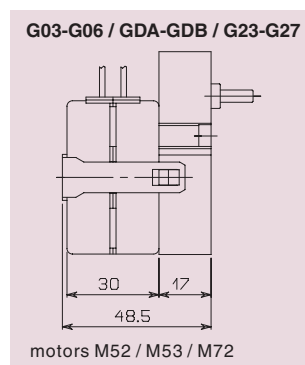
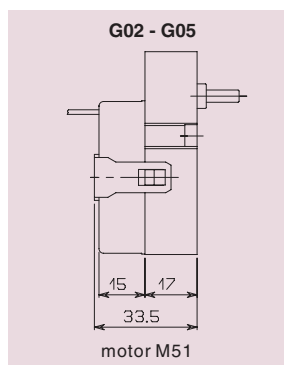
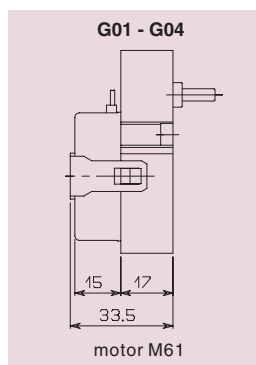
GE1 - GE2



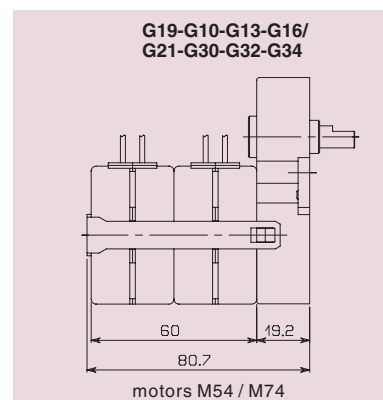
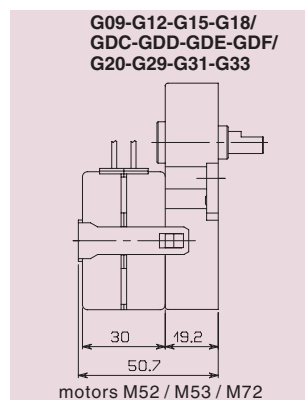
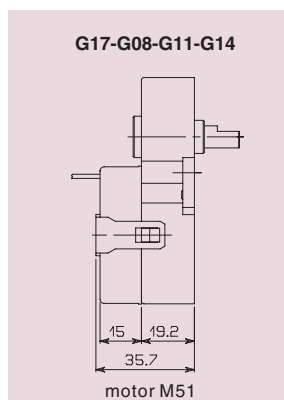
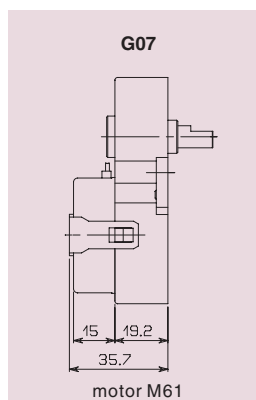
motor M42



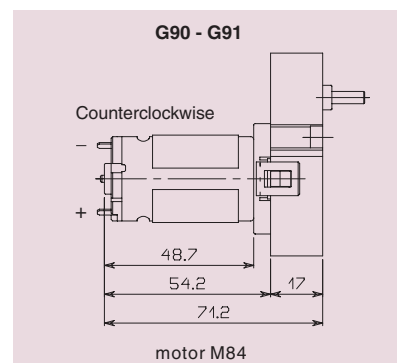
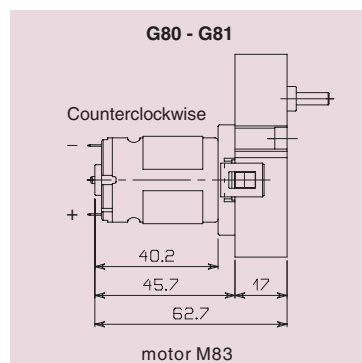
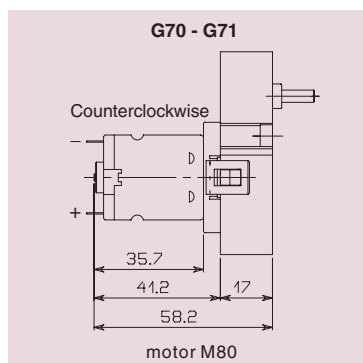
Motor-gearboxes overall dimensions with gearboxes W01 and W02



Overall dimensions with gearboxes W10 - W11 - W12 - W13



DC motor-gearboxes overall dimensions with gearboxes W01 and W02



DC motor-gearboxes overall dimensions with gearboxes W10 - W11 - W12 - W13

