

## Technical Data Greatork Worm Gearboxes

- Quarter-turn actuator output torque=Multi-turn actuator output torque × factor
- Worm gearbox operating time (second / 90°) = (15× total reduction)/ Multi-turn actuator output speed.

Gearbox Model	FW50	FW63	FW80	FW100			FW125			FW160		
				-	VZ2.3	VZ2.4	-	VZ2.3	VZ2.4	-	VZ4.0	VZ8.0
Mounting Flange for Valve (DIN ISO 5211)	F10	F12	F14	F16			F25			F30		
Max. Output Torque (Nm)	350	700	1400	2800			5600			11250		
Rated Output Torque (Nm)	250	500	1000	2000			4000			8000		
Primary Reduction Ratio	51:1	51:1	53:1	52:1			52:1			54:1		
Secondary Reduction Ratio	-	-	-	-	2.4:1	4:1	-	2.4:1	4:1	-	4:1	8:1
Total Reduction Ratio	51:1	51:1	53:1	52:1	126:1	208:1	52:1	126:1	208:1	54:1	218:1	442:1
Rated Input Torque	15	31	55	107	47	28	208	91	55	381	105	52
Weight (Kg)	11	21	28	57	65		90	100		155	165	
Mounting Flange for Actuator (DIN ISO 5210)	F07	F10	F10	F10			F10/F14			F10/F14		
Multi-Turn Actuator Model	AVA01/02/03	AVA01/02/03	AVA01/02/03	AVA01/02/03			AVA01/02/03/04/05			AVA01/02/03/04/05		
Actuator + Gearbox Total Weight (Kg)	43	53	60	89	97		122/142	132/152		187/207	197/217	