



**MASTERGEAR**  
**WORLDWIDE**

## QUARTER TURN TECHNICAL DATA

### ALUMINUM SERIES

Description	Output Torque* (in-lb)	Output Torque (N-m)	Mechanical Advantage	Turns to Close	Bore Diameter (in. max)	Bolt Circle Straddling (in. max)	Bolt Circle On Center (in. max)	Bolt Circle (in. min)	Stem Entry (in. max)
9801	2,000	226	11	10	0.98	F/FA05, F/FA07, F/FA10			2.16
9804	4,400	497	11	10	1.20	F/FA07, F/FA10, F/FA12			2.34
9807	8,800	994	11.3	10.5	1.77	F/FA10, F/FA12, F/FA14, F/FA16			2.78

### OUTPUT FLANGES

Flange	# of Holes	B.C.D
FA05	4	1.968
FA07	4	2.756
FA10	4	4.016
FA12	4	4.921
FA14	4	5.512
FA16	4	6.496
FA20	8	7.755
FA25	8	10.000
FA30	8	11.732
FA35	8	14.016
FA40	8	15.984
FA48	12	19.016
FA60	20	23.740