

ForTorque[®] Comparison Table of Electric Swivelling-Rotary Modules

						
Modul Type	FT01-1643	FT01-2043	FT01-2520 FT01-25L20¹⁾	FT01-3518 FT01-35L18¹⁾	FT01-4550	FT01-4050 FT01-5050¹⁾
diameter of output flange [mm]	16	20	25	35	45	40 50
weight [g]	70	110	229 274	553 673	905	560 ca. 1.500.
recommended external moment of inertia [kgcm²]	< 2,0	< 7,5	< 5 < 10	< 20 < 40	< 200	< 180 < 400
mechanical compatible with our actuator-family	QuickLab[®]	QuickLab[®]	HighDynamic[®]	HighDynamic[®]	HighDynamic[®]	HighDynamic[®]
peak- / cont.-torque [Nm]	0,3 / 0,14	0,62 / 0,3	0,7 / 0,36 1,0 / 0,64	1,9 / 0,95 3,0 / 1,7	4,0 / 3,0	4,0 / 2,6 8,0 / 4,8
peak- / cont.-rot. speed [RPM]	280 / 140	280 / 256	400 / 117	360 / 117	150 / 83	150 / 70
gearbox backlash [angular minutes]	< 60	< 60	< 20	< 20	≥ 0	≥ 0
absolute accuracy of rot. angle [angular minutes]					< +/- 5	< +/- 5
home switch integrated					•	•
home switch optional			•	•		
angular accuracy of home switch [angular minutes]			< +/- 8	< +/- 8	< +/- 8	< +/- 10
mounting of reference cam prepared	•	•				
2-channel fluidic rotary joint or 1-channel vacuum rotary joint						•
mounting	clamping flange	clamping flange	clamping flange	clamping flange	clamping flange	adaptor
IP protection class	IP20	IP20	IP54	IP54	IP54	IP54

¹⁾ on demand!

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Technical changes reserved!