

# SHORT FORM SELECTION GUIDE

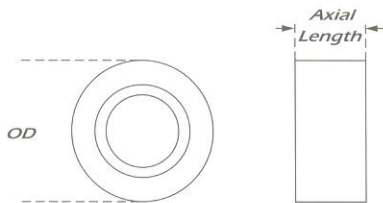
## Rotary Voice Coil Actuators

Actuator P/N	Peak Torque 10s (N. cm)	Continuous Stall Torque* (N. cm)	Total Stroke (degree)	Mass of coil ass'y (g)	Thermal Resistance (°C/W)	DC Resistance (ohms)	Torque sensitivity (N. cm/A)	Type	Width/Diameter (mm)	Length (mm)
RA16-06-008A	4,5	1,3	30	14,2	24	85	6,5	C	40,89	14,27
RA27-17-000A	17,7	5,9	90	13,9	15,7	10	7,9	AS	67,05	42,04
RA32-09-000A	21,2	7,3	60	18,7	9,6	8,1	8,0	AS	83,5	22,3
RA29-11-002A	22,6	9,3	32	28,3	9,7	13	11,3	AS	63,5	26,4
RA60-10-002A	42,4	26,8	40	17,0	6,6	1,1	7,8	AS	76,2	30,48
RA60-10-001A	84,7	39,5	30	21,3	5,2	1,9	13,4	AS	76,2	30,48
RA68-12-001A	120	65,0	20	31,2	5,1	5	35,3	AS	86,36	30,48
RA54-18-000A	212	79,8	7,5	25,5	6	12,5	74,1	AS	45,72	30,2
RA68-19-000A	706	177	14	113	4	5,5	88,3	AS	102,4	46,48

C : cylindrical AS : arc segment \* 25°C ambient temperature, 155°C coil temperature

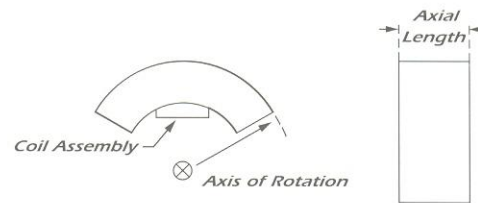
C = Cylindrical

RA XX - OD in tenths of an inch XX - Axial length in tenths of an inch XX - Non-dimensional information



AS = Arc Segment

RA XX - Arc OD in tenths of an inch XX - Axial length in tenths of an inch XX - Non-dimensional information



## Voice Coil Actuator Servo Drives

Part-number	Type	Digital Drive	Setup	Feedback Sensor	Supply Voltage (V)	Nominal Current (A)	Peak Current (A)	Dimensions (mm)
VCA100	Controller/Amplifier	Yes	Windows utility software	Optical encoder or analog signal	18-50	5	10	93x193x31
VCA10-70-000A	Amplifier	No	Potentiometers/Jumpers	Not Applicable	11-70	10	20	180x100x40

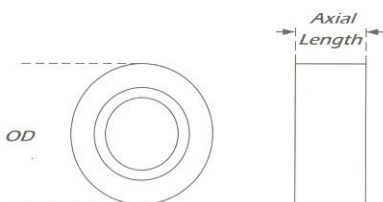
## Limited Angle Torque Motors

Motor P/N	Peak Torque 10s (N. cm)	Continuous Stall Torque* (N. cm)	Total Stroke (degree)	Rotor Inertia (Kg. cm <sup>2</sup> )	Thermal Resistance (°C/W)	DC Resistance (ohms)	Torque sensitivity (N. cm/A)	Type	Diameter (mm)	Length (mm)
RA16-06-000A	7,8	3,8	30		12	5,2	3,9	C	40,89	15,75
LATH23-10-000A	9,2	5,0	100	1,06	14	3,7	3,9	S	57,15	25,4
RA17-07-000A	11,3	5,2	120		8	8,2	4,6	C	40,89	21,46

C : cylindrical S : Square mounting flange \* 25°C ambient temperature, 155°C coil temperature

C = Cylindrical

RA XX - OD in tenths of an inch XX - Axial length in tenths of an inch XX - Non-dimensional information



S = Square mounting flange

LATH XX - Width in tenths of an inch XX - Axial length in tenths of an inch XX - Non-dimensional information

