



AM2-0401-3S



AM2-0602-3S



AM2-0803-3S



AM2-0806-3S

SPECIFICATION	CAM2-0401-1S	CAM2-0602-1S	AM2-0401-3S	AM2-0602-3S	AM2-0803-3S	AM2-0806-3S	AM2-0810-3S	AM2-0815-3S
Table Dimension(mm)	40x40	60x60	40x40	60x60(60x62)	80x80	80x130	80x160	80x210
Travel Range(mm)	10	20	10	20	30	60	100	150
Travel Guide	Ballscrew $\Phi 6$ Lead 1mm, Integrated Ball Guide		Ballscrew $\Phi 4$ Lead 1mm, Cross Roller Guide	Ballscrew $\Phi 6$ Lead 1mm, Cross Roller Guide	Ballscrew $\Phi 8$ Lead 1mm, Cross Roller Guide			
Resolution(mm)					0.002/Pulse(Full Step)			
Maximum Speed	20mm/sec(10kHz)				10mm/sec(5kHz)			
Ballscrew Grade (Annot 1)					C5(C7)			
Accuracy (Annot 1)	10(15) $\mu$ m		5(10) $\mu$ m		7(12) $\mu$ m		10(15) $\mu$ m	15(20) $\mu$ m
Uni-Repeatability (Annot 1)	$\pm 1(\pm 2)\mu$ m				$\pm 0.3(\pm 1)\mu$ m			
Bi-Repeatability (Annot 1)	$\pm 2(\pm 4)\mu$ m				$\pm 0.5(\pm 3)\mu$ m			
Pitching(Arcsec)	15"	15"	25"	30"	30"	30"	40"	50"
Yawing(Arcsec)	15"	15"	20"	25"	25"	30"	40"	50"
Parallelism(mm)	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
Running Parallelism(mm)	0.005	0.005	0.01	0.01	0.01	0.015	0.015	0.02
Straightness(mm)	0.005	0.005	0.005	0.008	0.008	0.008	0.008	0.01
Load Capacity(kg)	5.6	9.4	2.7	4.5	13.5	13.5	13.5	13.5
Material	SCM440 (Raydent Coating)				Aluminum			
Weight(kg)	0.8	1.2	0.62	0.88	2.8	3.6	4.4	5.4
Motor Model (Annot 2)	CRK523HPBPB (5P STEP)				PK-545-NBW (5P STEP)			
Drive Model (Annot 2)	(Motor, Drive Set)				CRD5107PB			
Sensor	1 Home Sensor, 2 Limit Sensor (DC5~24V Input Voltage, NPN Open Collector Output)							
Connector Spec.	HR-10A-10J-12P(male)(HRS)				SRCN6A21-16P(Female)(SAMWOO)			

- ◆ Annotation 1 : Ballscrew grade is choosable. C7 precise specification is within parentheses
- ◆ Annotation 2 : Standard is 5 Phase Stepping Motor. Motor (AC Servo etc) can be changeable

