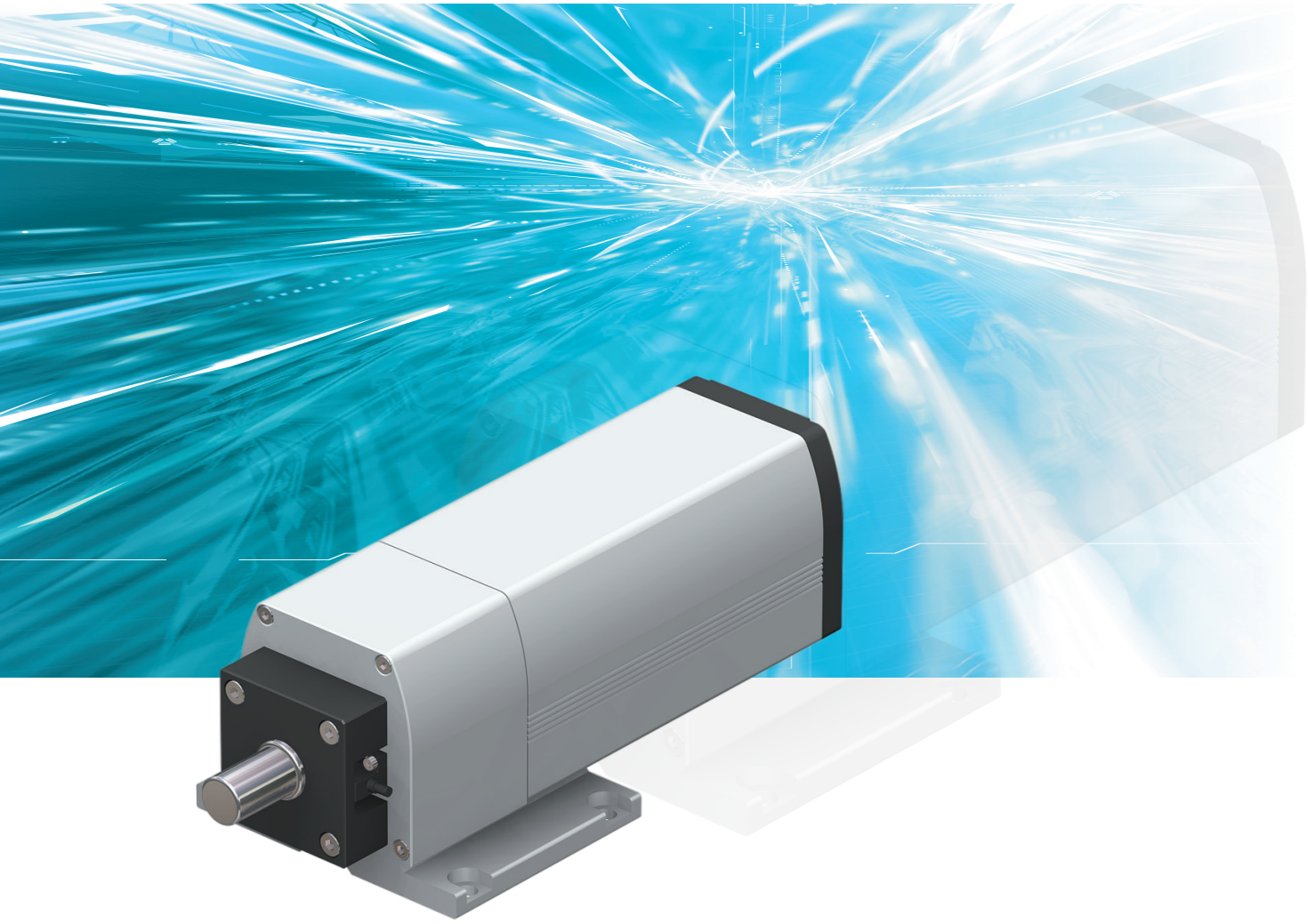
Alpha Rotary Robot

RS

Rotary Series





Characteristics

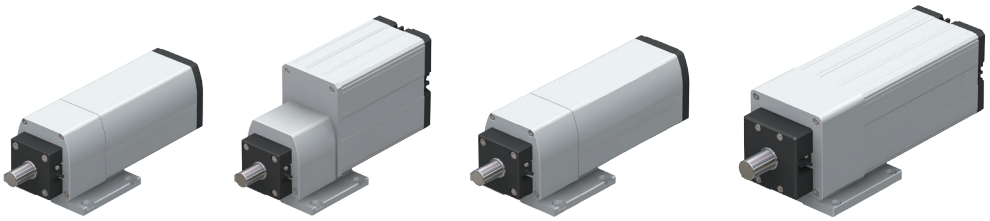
- Developed by small sized gearboxes, RS series are dedicated rotary axes for cartesian robots, Wide range installation available with compact design, High rotary precision and high torque assured
  소형 정밀감속기를 응용하여 개발된 RS-SERIES는 직교로봇전용 회전축으로 컴팩트한 구조로 설계되어 다양한 형태의 설치가 가능하며, 높은 회전정도, 높은 토오크를 실현시킨 회전축 로봇입니다.

ORDER INFORMATION

A RS SERIES

RS100	-	R50
1		2

1 SERIES	RS SERIES ALPHA Rotary Robot	RS056	RS100	RS200
2 REDUCER	N 1/1 STEP	R03 1/3 STEP	R10 1/10 SERVO	R50 1/50 SERVO



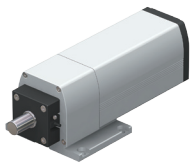
B Options

R	-	W	-	F03
1		2		3

1 SHAFT	R	Round (Standard)	K	Key way					
2 COLOR OF ROBOT	W	White (Standard)	B	Black Anodizing					
3 CABLE LENGTH	F00	None	F03	3m	F05	5m	F07	7m	F10	10m

Model | RS056-N | RS056-R03 | RS100-R10 | RS100-R50 | RS200-R10 | RS200-R50

RS056-N



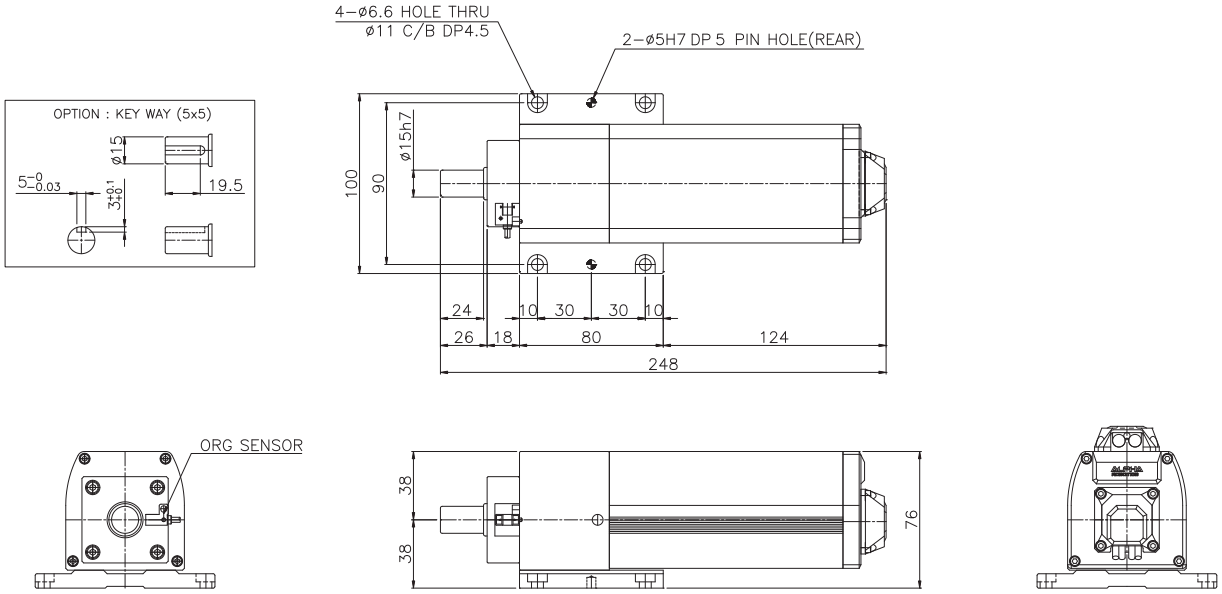
RS056-R03



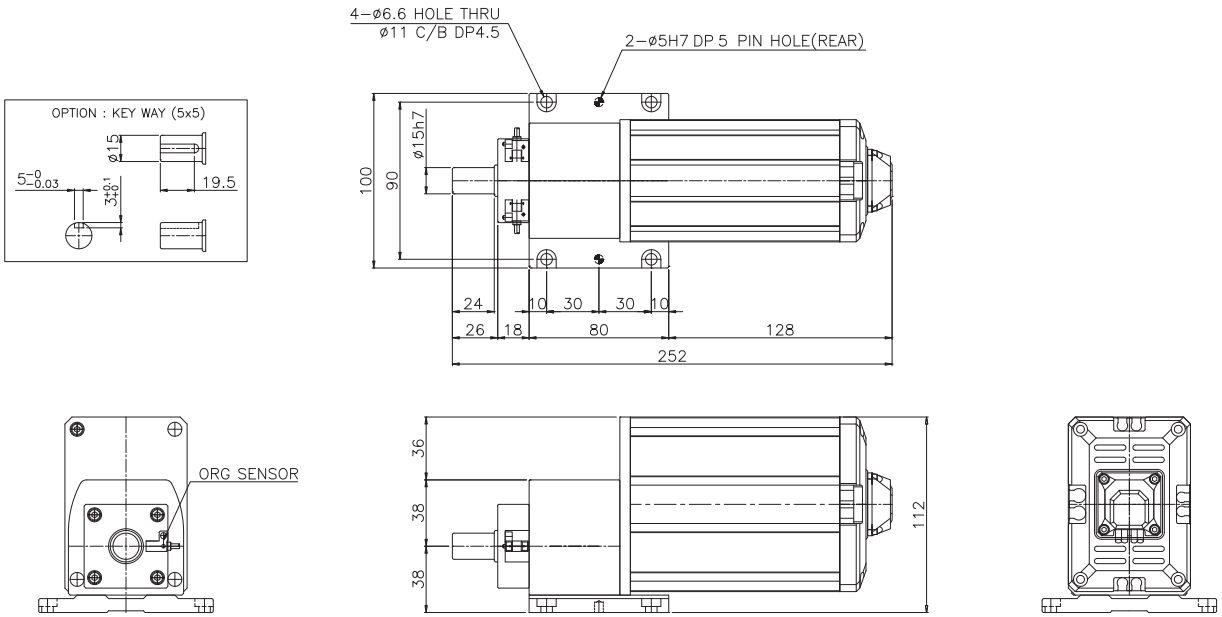
Specification	Unit	RS056-N	RS056-R03
AC Servo Motor Output	squre	S56	S56
Reduction Ratio	-	1/1	1/3
Max. Speed	deg/s	360	120
Repeatability	deg	±0.22	±0.20
Allowable Moment Inertia	kg.m²	0.21	0.21
Rated torque	N.m	0.78	2.34
Rotation range	deg	360	
Maximum Payload	kg	2	3
Mass	kg	2.0	2.6

RS056-N

* All dimensions in mm



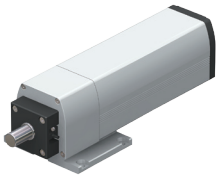
RS056-R03



RS100-R10



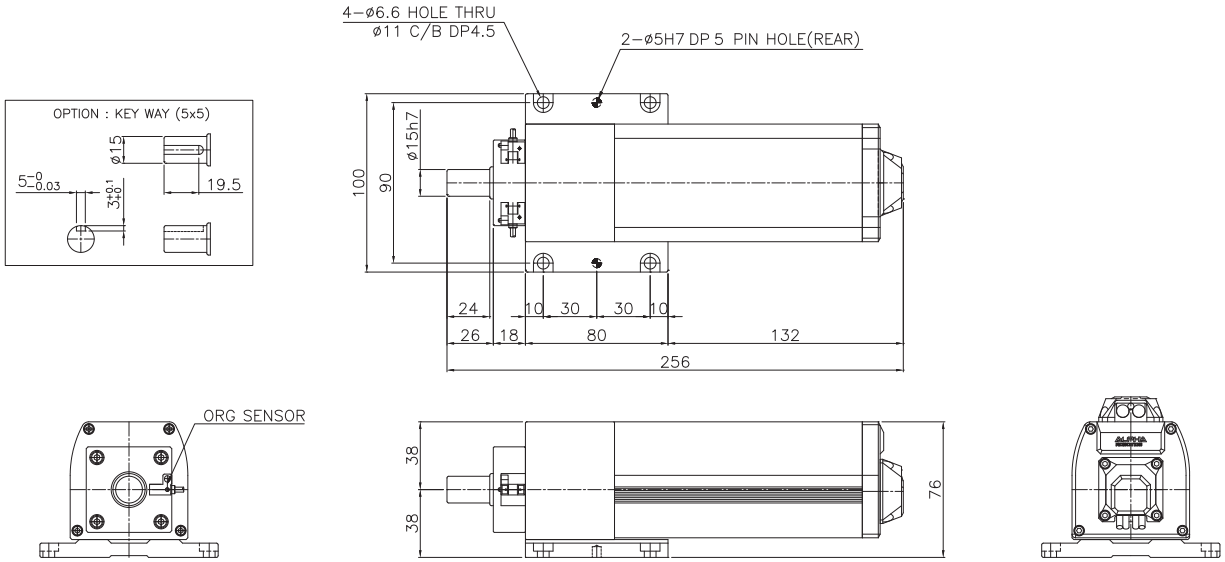
RS100-R50



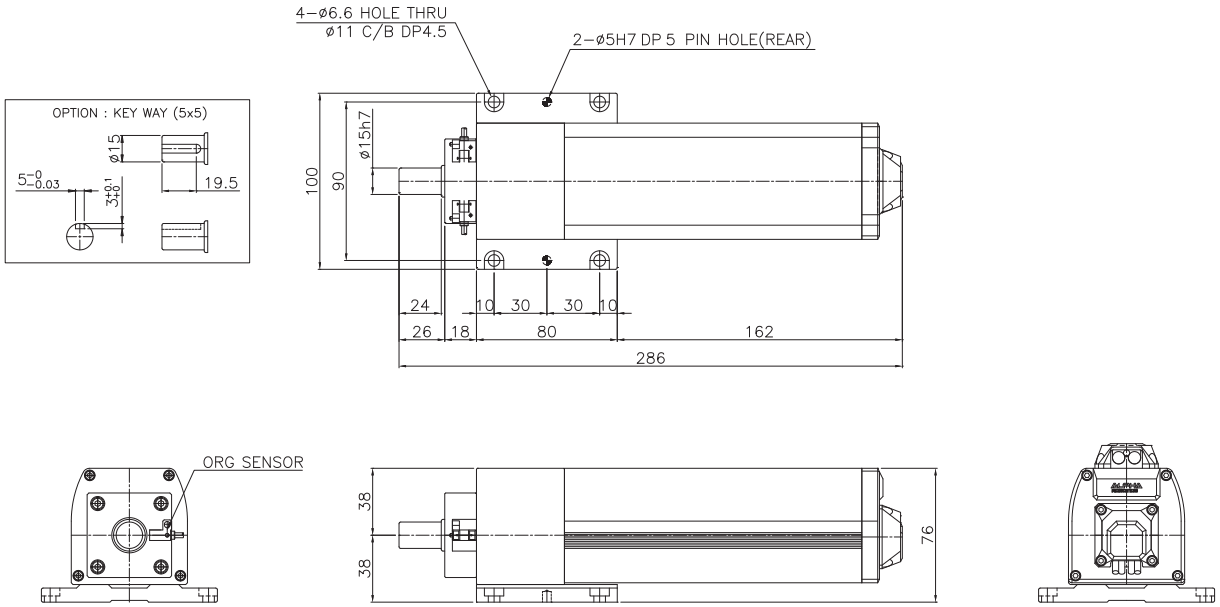
Specification	Unit	RS100-R10	RS100-R50
AC Servo Motor Output	squre	100	200
Reduction Ratio	-	1/10	1/50
Max. Speed	deg/s	1800	360
Repeatability	deg	±0.11	±0.13
Allowable Moment Inertia	kg.m²	0.079	
Rated torque	N.m	3.2	8
Rotation range	deg	360	
Maximum Payload	kg	3	6
Mass	kg	2.2	2.3

RS100-R10

* All dimensions in mm

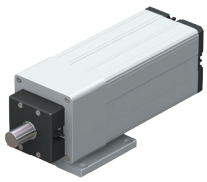


RS100-R50

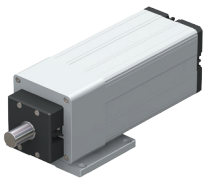


Model | RS056-N | RS056-R03 | RS100-R10 | RS100-R50 | RS200-R10 | RS200-R50

RS200-R10



RS200-R50



Specification	Unit	RS200-R10	RS200-R50
AC Servo Motor Output	W	200	100
Reduction Ratio	-	1/10	1/50
Max. Speed	deg/s	1800	360
Repeatability	deg	±0.11	±0.13
Allowable Moment Inertia	kg.m²	0.246	
Rated torque	N.m	6.4	24
Rotation range	deg	360	
Maximum Payload	kg	7	15
Mass	kg	5.8	5.8

RS200-R10/R50

* All dimensions in mm

