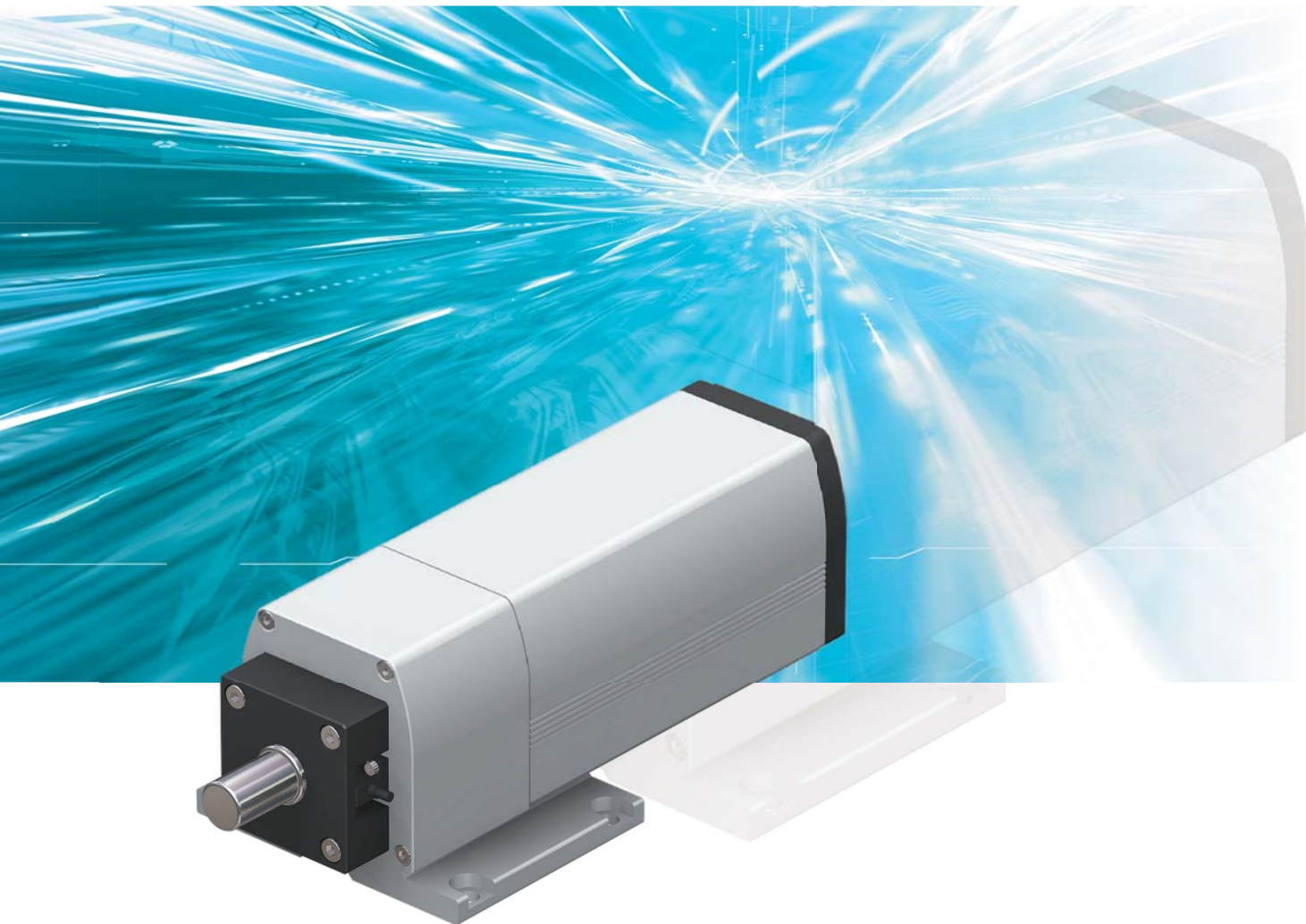


Alpha Rotary Robot

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 토크를 실현시킨 회전축 로봇입니다.

SPEC

ARM
SERIES

AR
SERIES

AG
SERIES

AD
SERIES

BR
SERIES

BG
SERIES

DAR
SERIES

DBR
SERIES

RS
SERIES

MR
SERIES

ADR
SERIES

Technology
Material

ORDER INFORMATION
A RS SERIES
RS100
-
R50
1
2
1 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

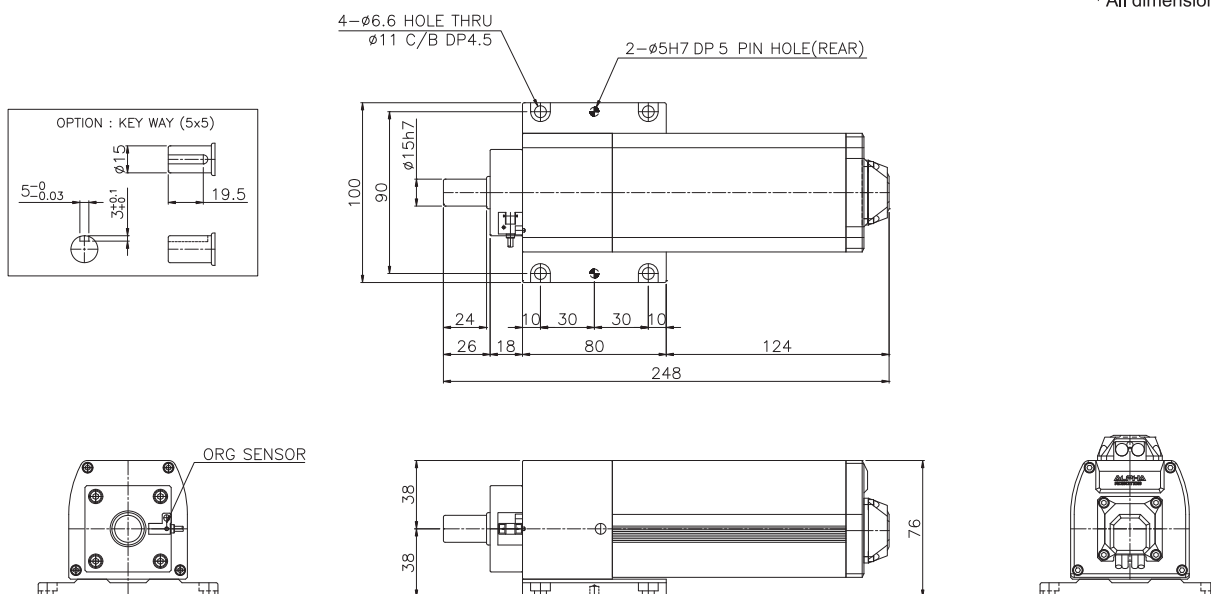
RS056-N

RS056-R03

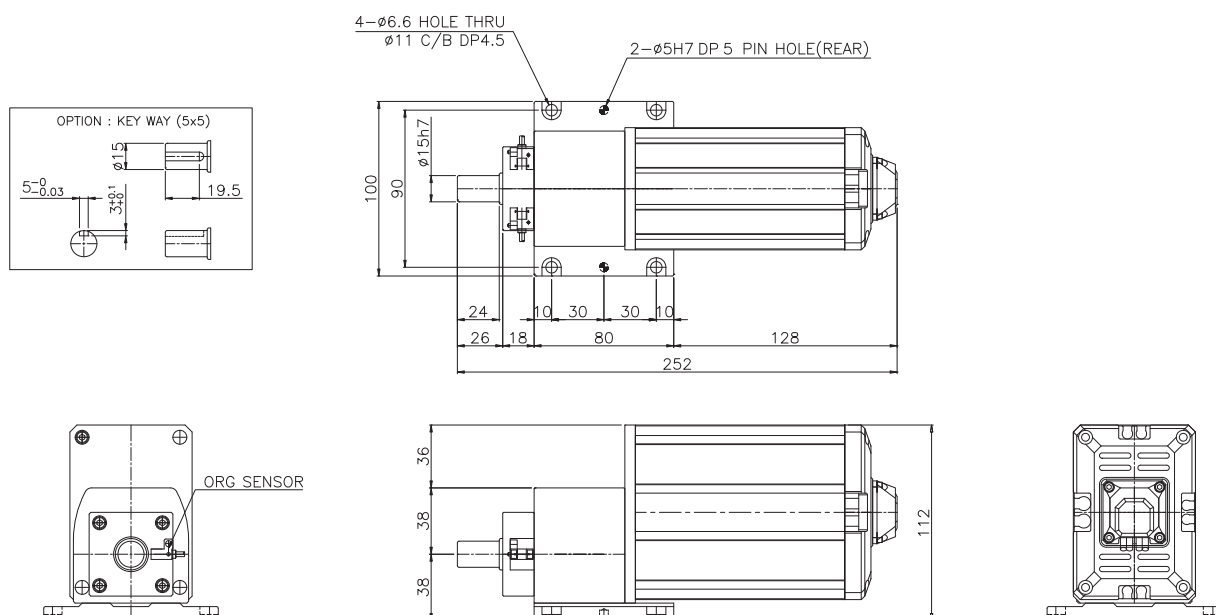
AC Servo Motor Output	square	S56	S56
Reduction Ratio	-	1/1	1/3
Max. Speed	deg/s	360	120
Repeatability	deg	±0.22	±0.20
Allowable Moment Inertia	kg.m ²	0.21	0.21
Rated torque	N.m	0.78	2.34
Rotation range	deg	360	
Maximum Payload	kg	2	3
Mass	kg	2.0	2.6

RS056-N

* All dimensions in mm



RS056-R03



SPEC

Model

RS056-N

RS056-R03

RS100-R10

RS100-R550

RS200-R10

RS200-R50

ARM
SERIESAR
SERIESAG
SERIESAD
SERIESBR
SERIESBG
SERIESDAR
SERIESDBR
SERIESRS
SERIESMR
SERIESADR
SERIESTechnology
Material

RS100-R10



RS100-R50



Specification

Unit

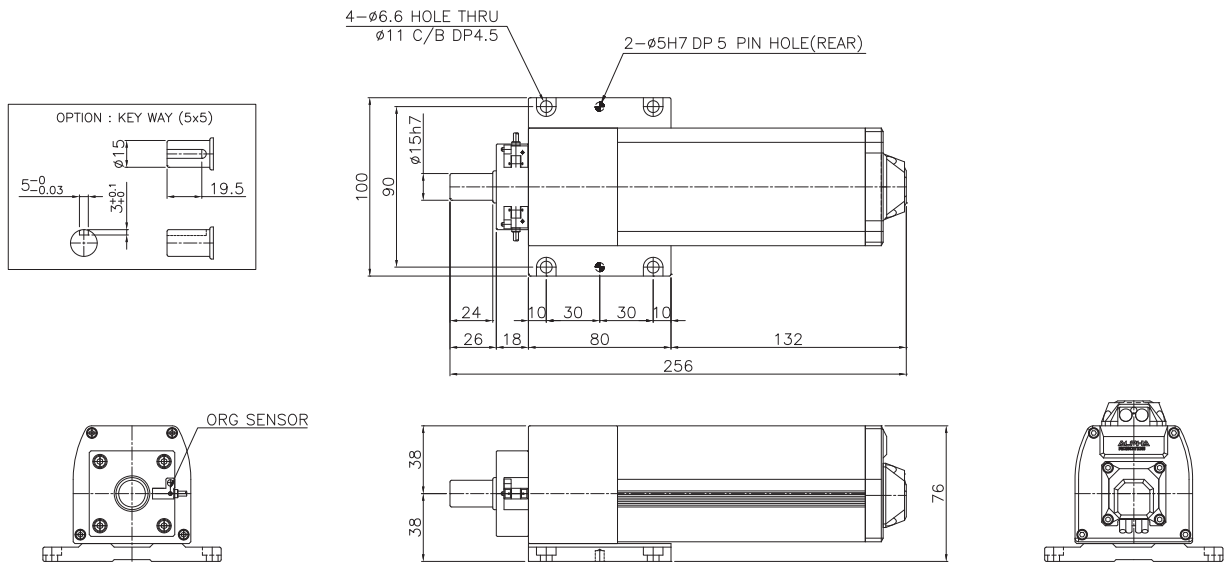
RS100-R10

RS100-R50

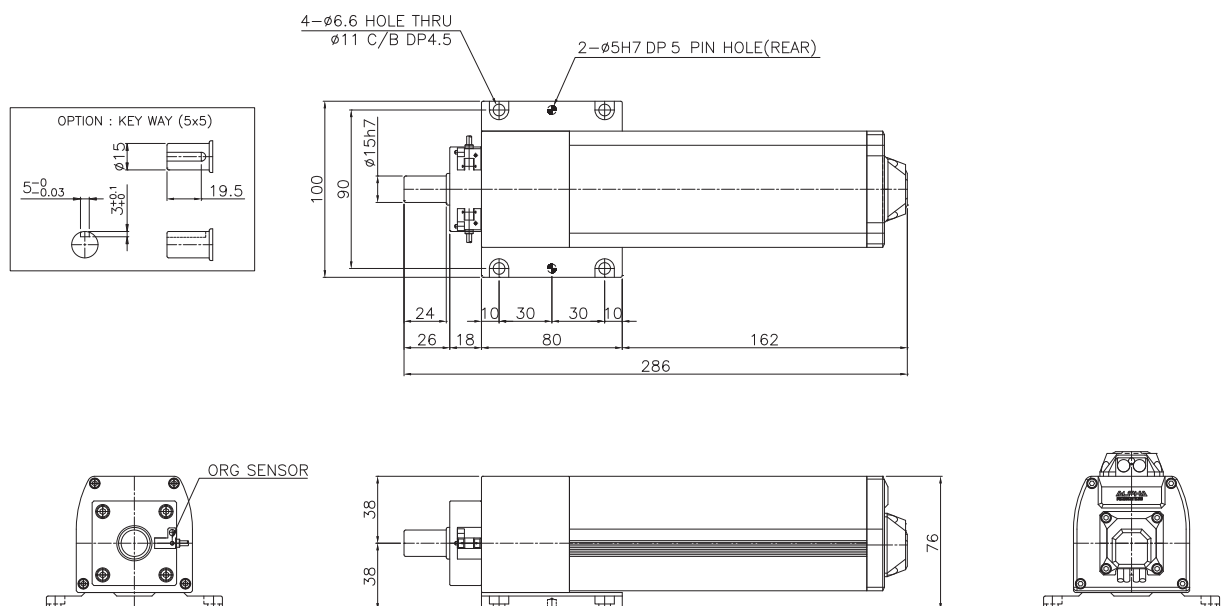
AC Servo Motor Output	square	100	200
Reduction Ratio	-	1/10	1/50
Max. Speed	deg/s	1800	360
Repeatability	deg	±0.11	±0.13
Allowable Moment Inertia	kg.m ²	0.079	
Rated torque	N.m	3.2	8
Rotation range	deg	360	
Maximum Payload	kg	3	6
Mass	kg	2.2	2.3

RS100-R10

* All dimensions in mm



RS100-R50



Model

RS056-N

RS056-R03

RS100-R10

RS100-R50

RS200-R10

RS200-R50

SPEC

ARM
SERIESAR
SERIESAG
SERIESAD
SERIESBR
SERIESBG
SERIESDAR
SERIESDBR
SERIESRS
SERIESMR
SERIESADR
SERIESTechnology
Material

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.m ²	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

