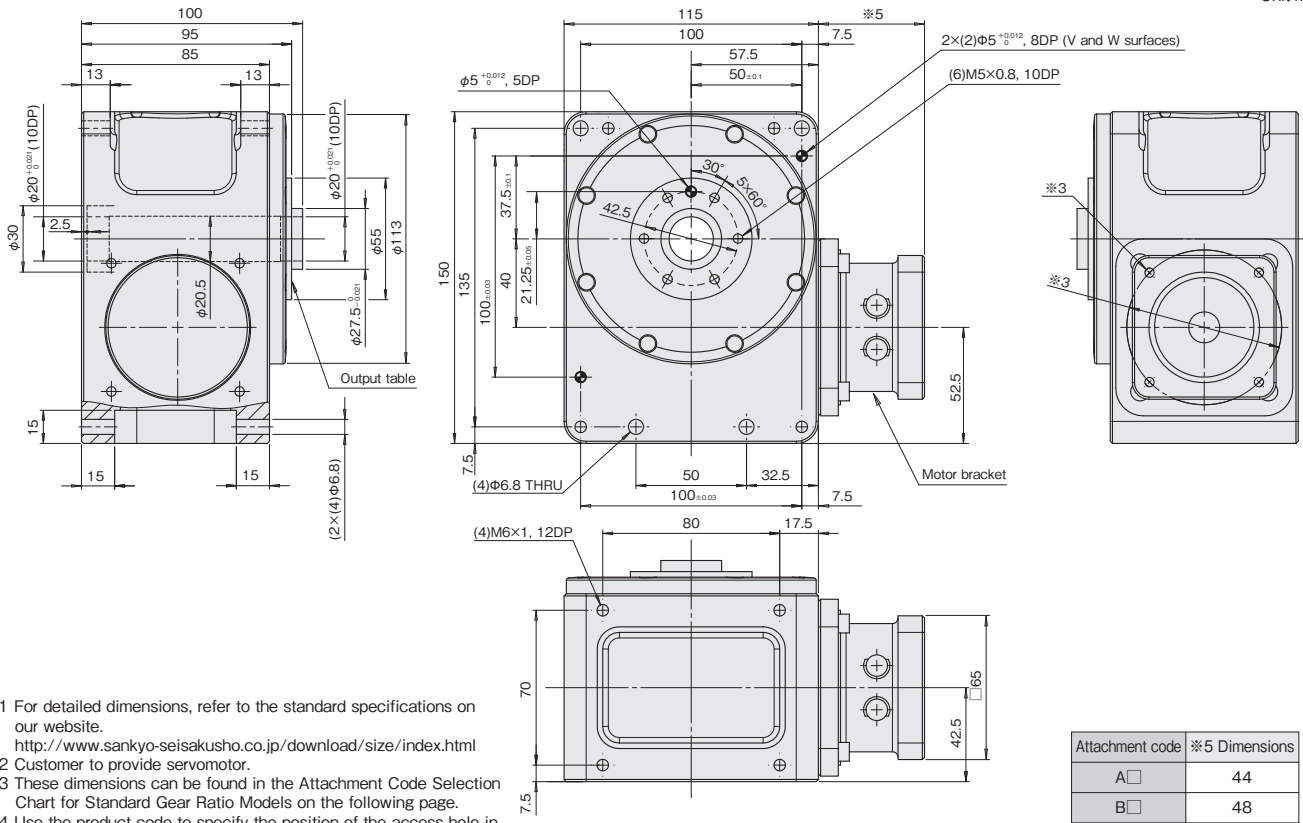


# RU40 Dimensions

## Standard Gear Ratio Model Dimension Drawings (Gear ratio=15)

RU40

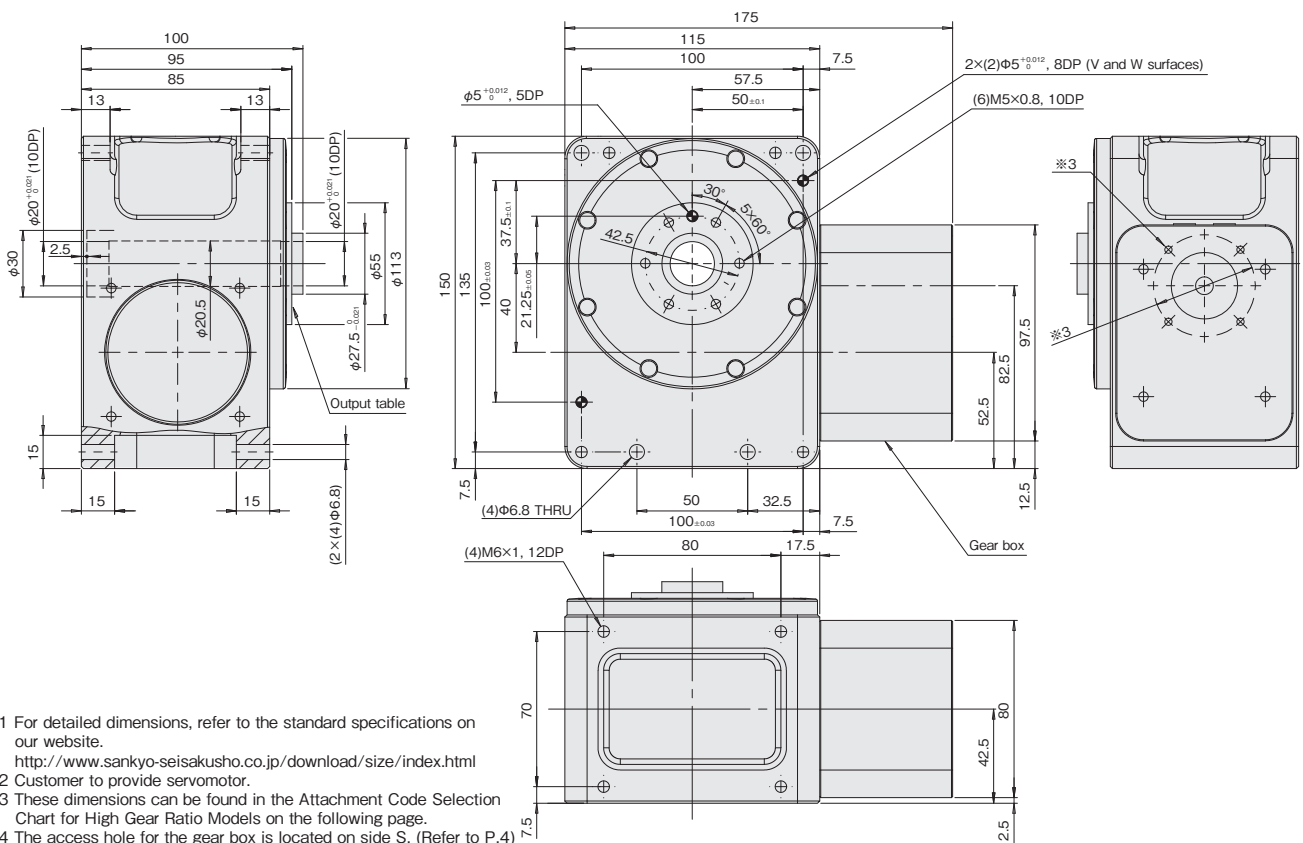
Unit:mm



## High Gear Ratio Model Dimension Drawings (Gear ratio=45)

RU40

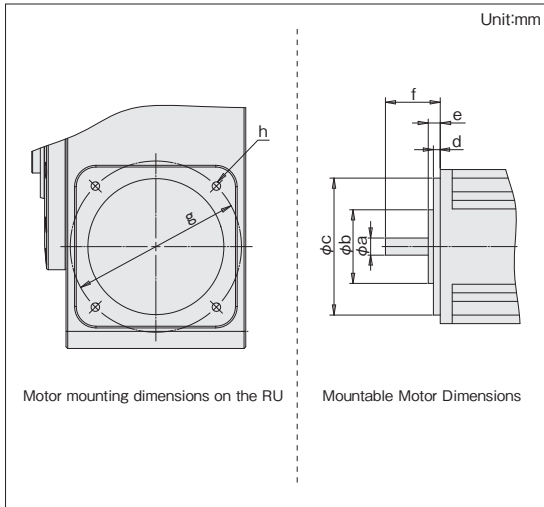
Unit:mm



# RU40 Dimensions

## Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=24] With Attachment **RU40**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.

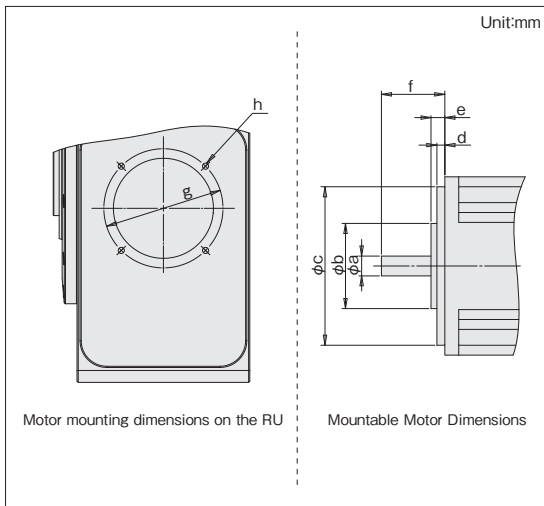


Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 9_{-0.009}^0$	Less than $\phi 45$	$\phi 50$	Less than 4	Less than 13.5	25~26.5	70	(4)M5×0.8, 8DP	5.33N·m
B□	$\phi 14_{-0.011}^0$			Less than 5	Less than 17.5			(4)M5×0.8, 12DP	

※1 The most common servomotors suitable for these models are given on page 17.

## Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=45] With Attachment **RU40**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.



Attachment code	a	b	c	d	e	f	g	h	Max motor torque
AS	$\phi 8_{-0.009}^0$	-	$\phi 30$	Less than 6	-	25~33.5	46	(4)M4×0.7, 8DP	3.54N·m

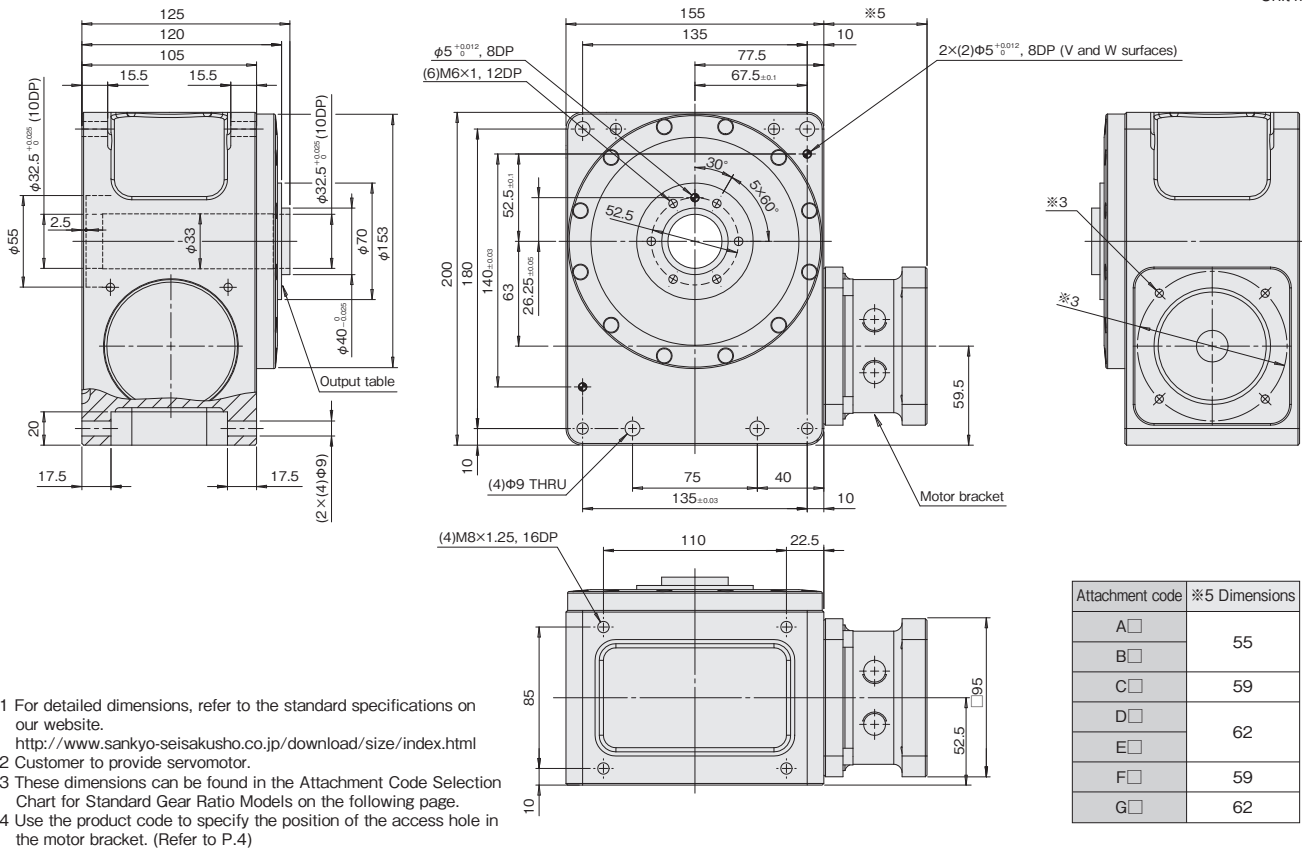
※1 The most common servomotors suitable for these models are given on page 17.

# RU63 Dimensions

## Standard Gear Ratio Model Dimension Drawings (Gear ratio=20)

RU63

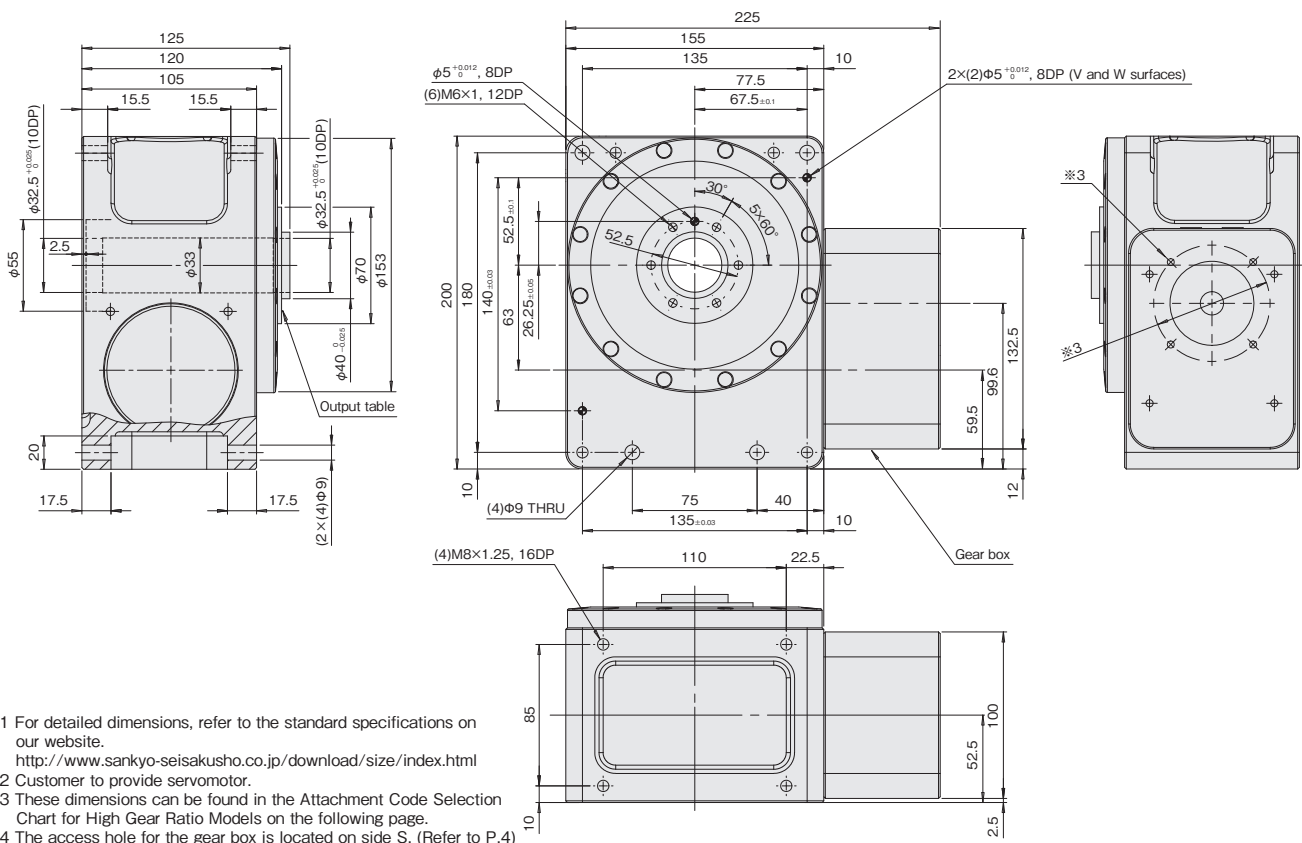
Unit:mm



## High Gear Ratio Model Dimension Drawings (Gear ratio=60)

RU63

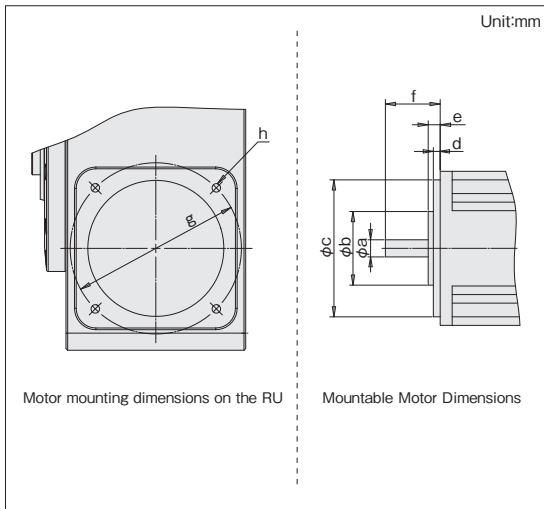
Unit:mm



# RU63 Dimensions

## Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=20] With Attachment RU63

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.

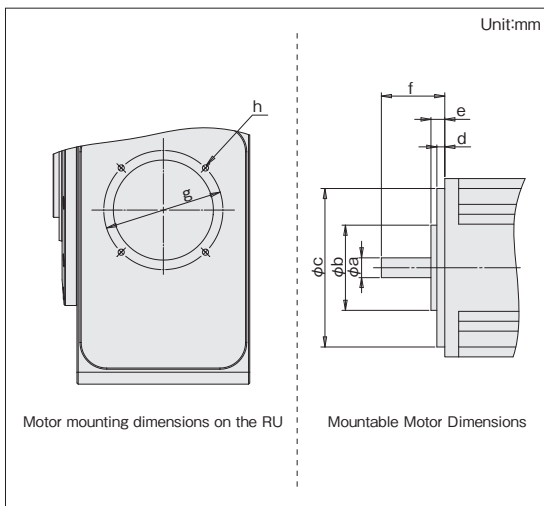


Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 10_{-0.009}^0$	Less than $\phi 65$	$\phi 80$	Less than 5	Less than 16.2	32~34	100	(4)M6×1, 8DP	16.66N·m
B□	$\phi 14_{-0.011}^0$			Less than 6	Less than 20.2	36~38		(4)M6×1, 12DP	
C□	$\phi 16_{-0.011}^0$		$\phi 70$	Less than 4	Less than 23.2	40~41	90	(4)M6×1, 15DP	
D□	$\phi 19_{-0.013}^0$			Less than 6	Less than 20.2	36~38		(4)M6×1, 12DP	
E□	$\phi 16_{-0.011}^0$			Less than 4	Less than 23.2	40~41		(4)M6×1, 15DP	
F□	$\phi 16_{-0.011}^0$		$\phi 70$	Less than 6	Less than 20.2	36~38	100	(4)M6×1, 12DP	
G□	$\phi 16_{-0.011}^0$			Less than 4	Less than 23.2	40~41		(4)M6×1, 15DP	

※1 The most common servomotors suitable for these models are given on page 18.

## Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=60] With Attachment RU63

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.



Attachment code	a	b	c	d	e	f	g	h	Max motor torque
AS	$\phi 9_{-0.009}^0$	-	$\phi 50$	Less than 4	-	25~31	70	(4)M5×0.8, 10DP	6.85N·m
BS	$\phi 14_{-0.011}^0$	-	$\phi 50$	Less than 4	-	25~31	70	(4)M5×0.8, 10DP	6.85N·m

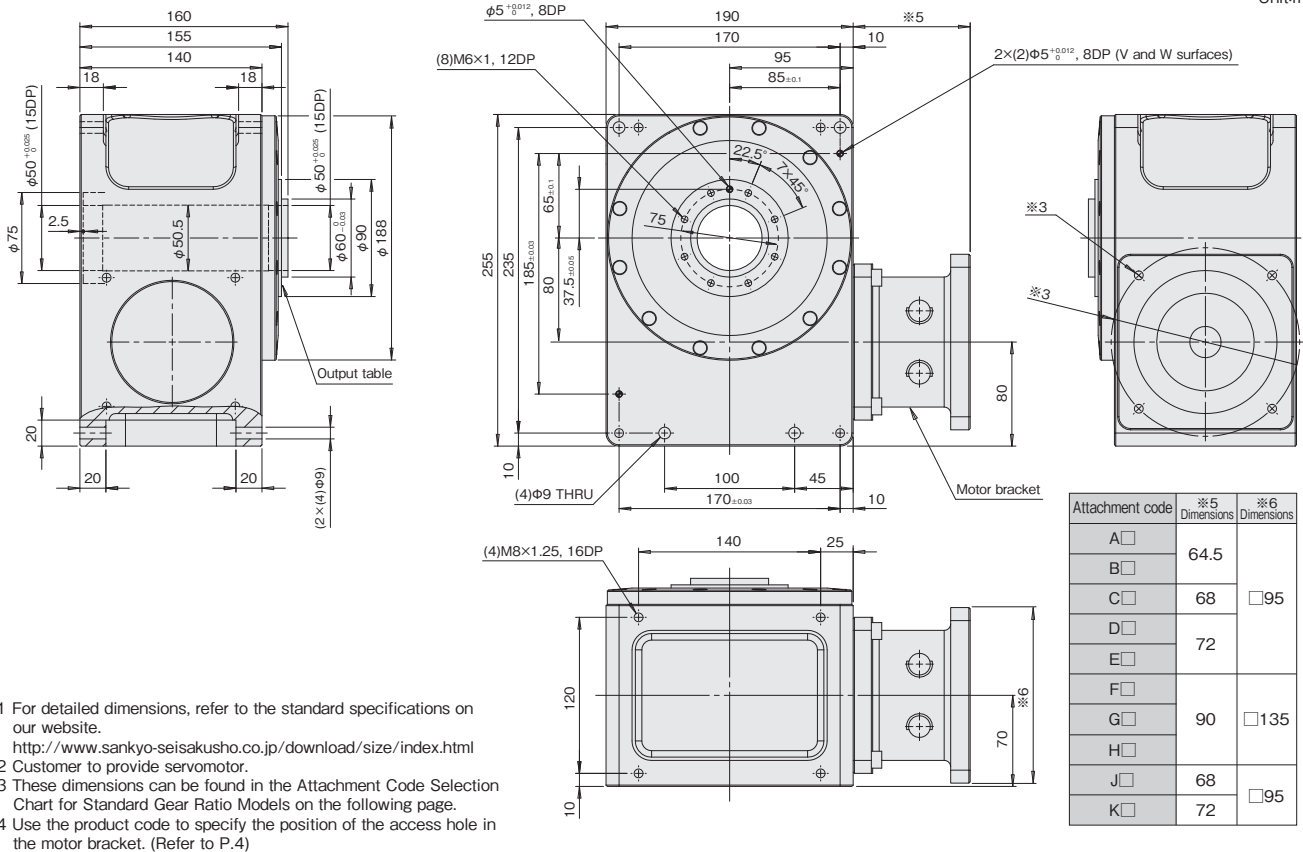
※1 The most common servomotors suitable for these models are given on page 18.

# RU80 Dimensions

## Standard Gear Ratio Model Dimension Drawings (Gear ratio=20)

RU80

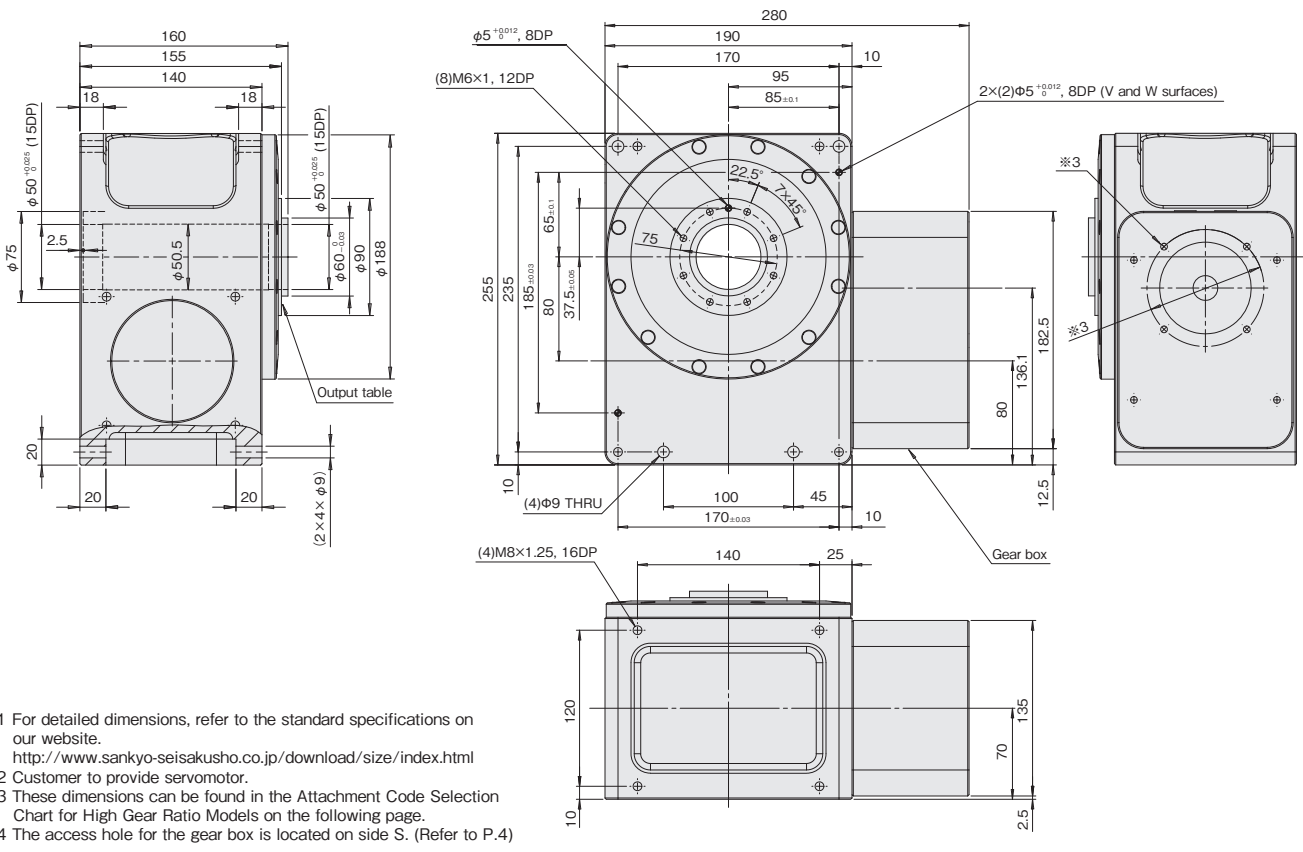
Unit:mm



## High Gear Ratio Model Dimension Drawings (Gear ratio=60)

RU80

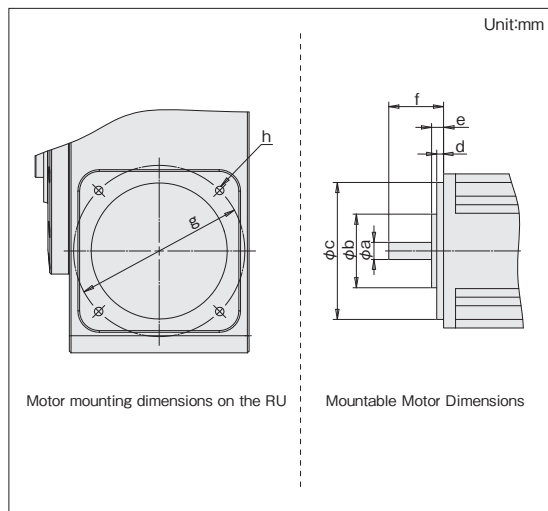
Unit:mm



# RU80 Dimensions

## Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=20] With Attachment **RU80**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.

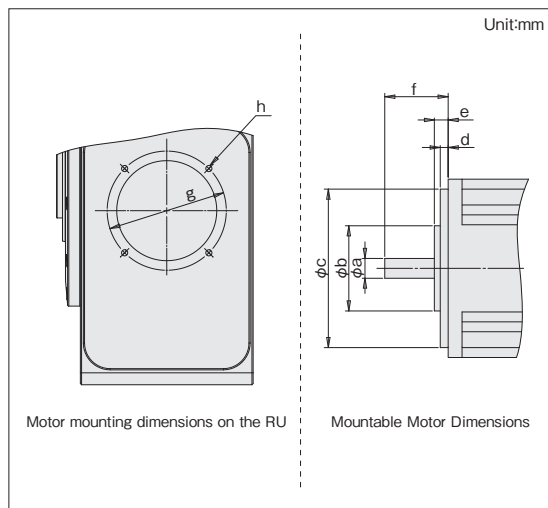


Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 10_{-0.009}^0$	Less than $\phi 65$	$\phi 80$	Less than 5	Less than 16.7	32~34	100	(4)M6×1, 9DP	16.66N·m
B□	$\phi 14_{-0.011}^0$			Less than 6	Less than 20.2				
C□	$\phi 16_{-0.011}^0$		$\phi 70$	Less than 5	Less than 24.2	40~41.5			
D□	$\phi 19_{-0.013}^0$			Less than 5	Less than 24.2				
E□	$\phi 19_{-0.013}^0$	Less than $\phi 75$	$\phi 110$	Less than 7	Less than 32.3	55~59.5	145	(4)M8×1.25, 15DP	53.33N·m
F□	$\phi 22_{-0.013}^0$								
G□	$\phi 24_{-0.013}^0$	Less than $\phi 65$	$\phi 80$	Less than 6	Less than 20.2	36.5~37.5	100	(4)M6×1, 13DP	16.66N·m
H□	$\phi 24_{-0.021}^0$								
J□	$\phi 16_{-0.011}^0$	Less than $\phi 65$	$\phi 70$	Less than 5	Less than 24.2	40~41.5	90	(4)M6×1, 12DP	16.66N·m
K□	$\phi 16_{-0.011}^0$								

※1 The most common servomotors suitable for these models are given on pages 19 to 20.

## Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=60] With Attachment **RU80**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.



Attachment code	a	b	c	d	e	f	g	h	Max motor torque
AS	$\phi 10_{-0.009}^0$	Less than $\phi 65$	$\phi 80$	Less than 7	Less than 12.5	30~50.5	100	(4)M6×1, 12DP	13.59N·m
BS	$\phi 14_{-0.011}^0$								
CS	$\phi 16_{-0.011}^0$								
DS	$\phi 19_{-0.013}^0$		$\phi 70$						
ES	$\phi 14_{-0.011}^0$								
FS	$\phi 16_{-0.011}^0$								

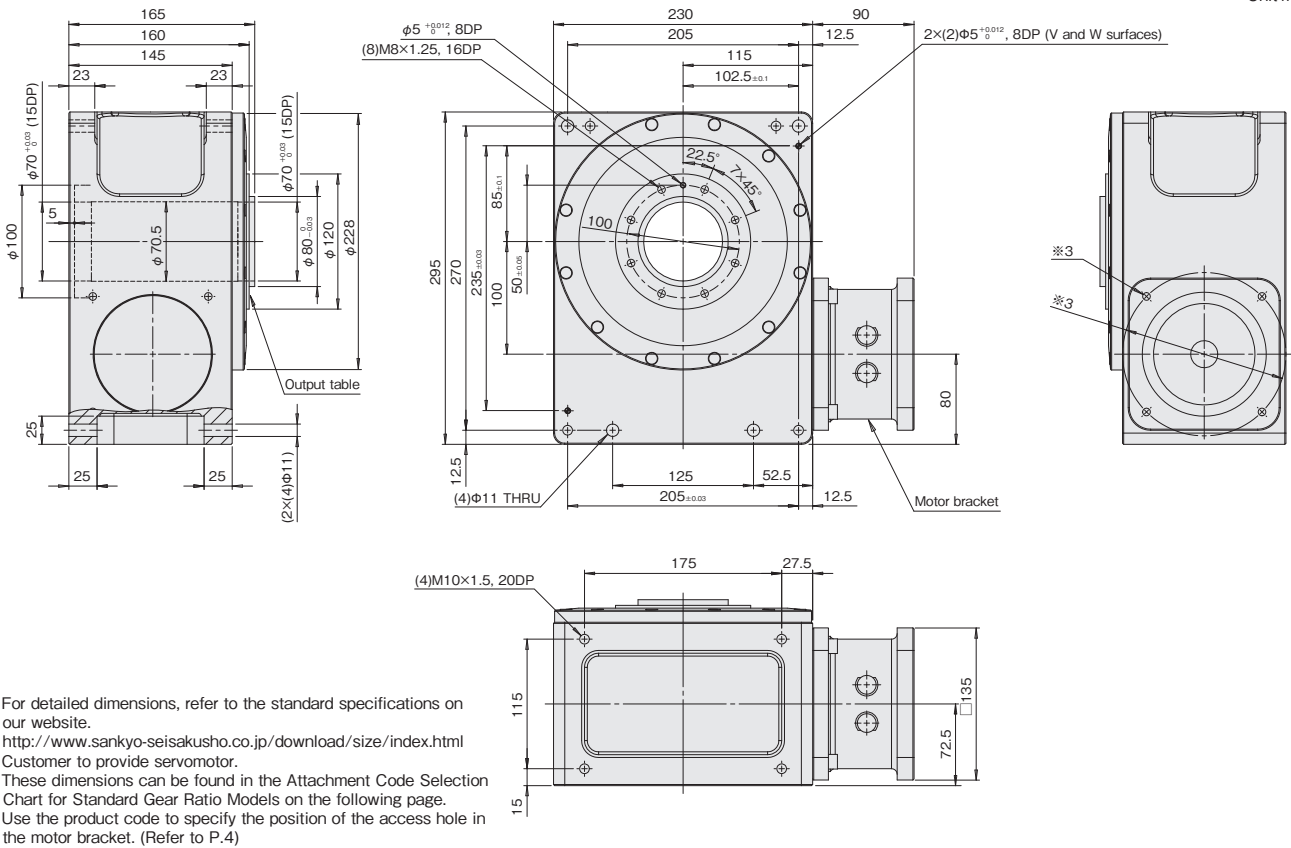
※1 The most common servomotors suitable for these models are given on page 20.

# RU100 Dimensions

## Standard Gear Ratio Model Dimension Drawings (Gear ratio=20)

RU100

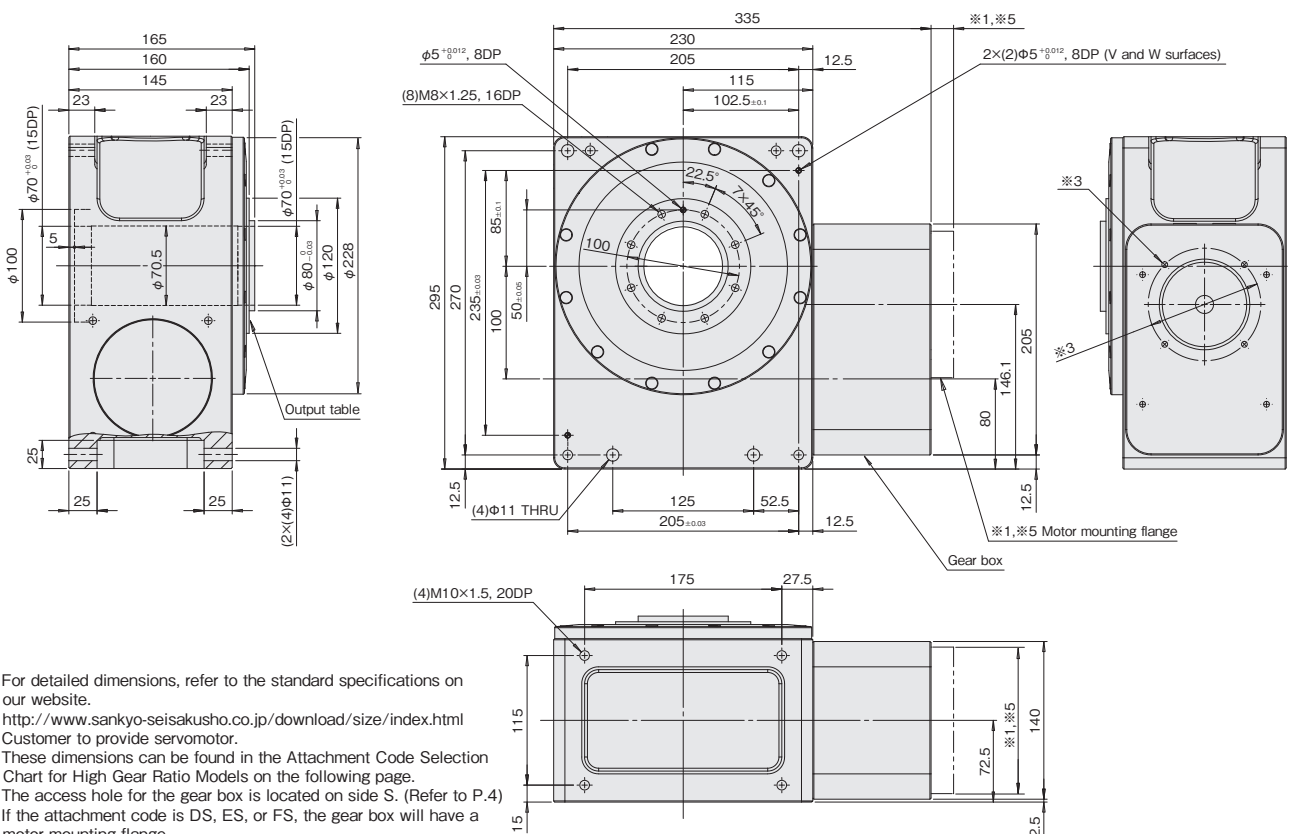
Unit:mm



## High Gear Ratio Model Dimension Drawings (Gear ratio=60)

RU100

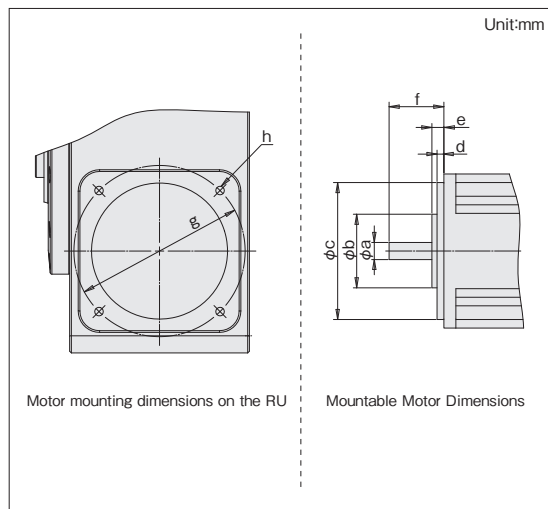
Unit:mm



# RU100 Dimensions

## Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=20] With Attachment **RU100**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.

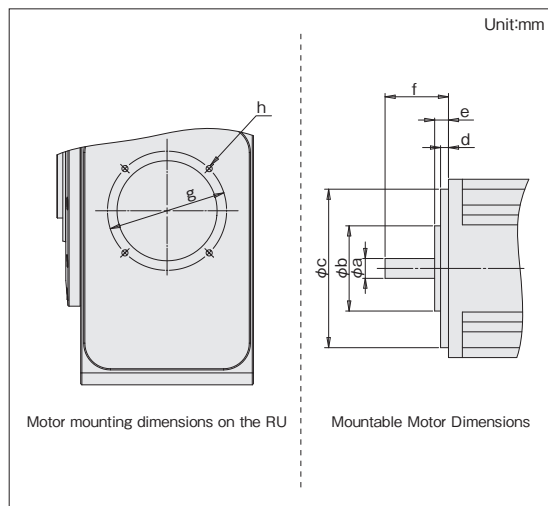


Attachment code	a	b	c	d	e	f	g	h	Max motor torque
B□	$\phi 19_{-0.013}^0$	Less than $\phi 90$	$\phi 110$	Less than 7	Less than 33.3	55~60	145	(4)M8x1.25, 15DP	53.33N·m
C□	$\phi 22_{-0.013}^0$								
D□	$\phi 24_{-0.013}^0$								
	$\phi 24_{-0.021}^0$								

※1 The most common servomotors suitable for these models are given on page 21.

## Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=60] With Attachment **RU100**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.



Attachment code	a	b	c	d	e	f	g	h	Max motor torque
AS	$\phi 10_{-0.009}^0$		$\phi 80$	Less than 9.5		30~50	100	(4)M6x1, 12DP	29.81N·m
BS	$\phi 14_{-0.011}^0$								
CS	$\phi 16_{-0.011}^0$								
DS	$\phi 19_{-0.013}^0$	-	$\phi 110$	Less than 7		50~60	145	(4)M8x1.25, 16DP	
ES	$\phi 22_{-0.013}^0$								
FS	$\phi 24_{-0.021}^0$								
	$\phi 24_{-0.013}^0$								

※1 The most common servomotors suitable for these models are given on pages 22 to 23.

※2 If the attachment code is DS, ES, or FS, the gear box will have a motor mounting flange.

For detailed dimensions, refer to the standard specifications on our website.

<http://www.sankyo-seisakusho.co.jp/download/size/index.html>

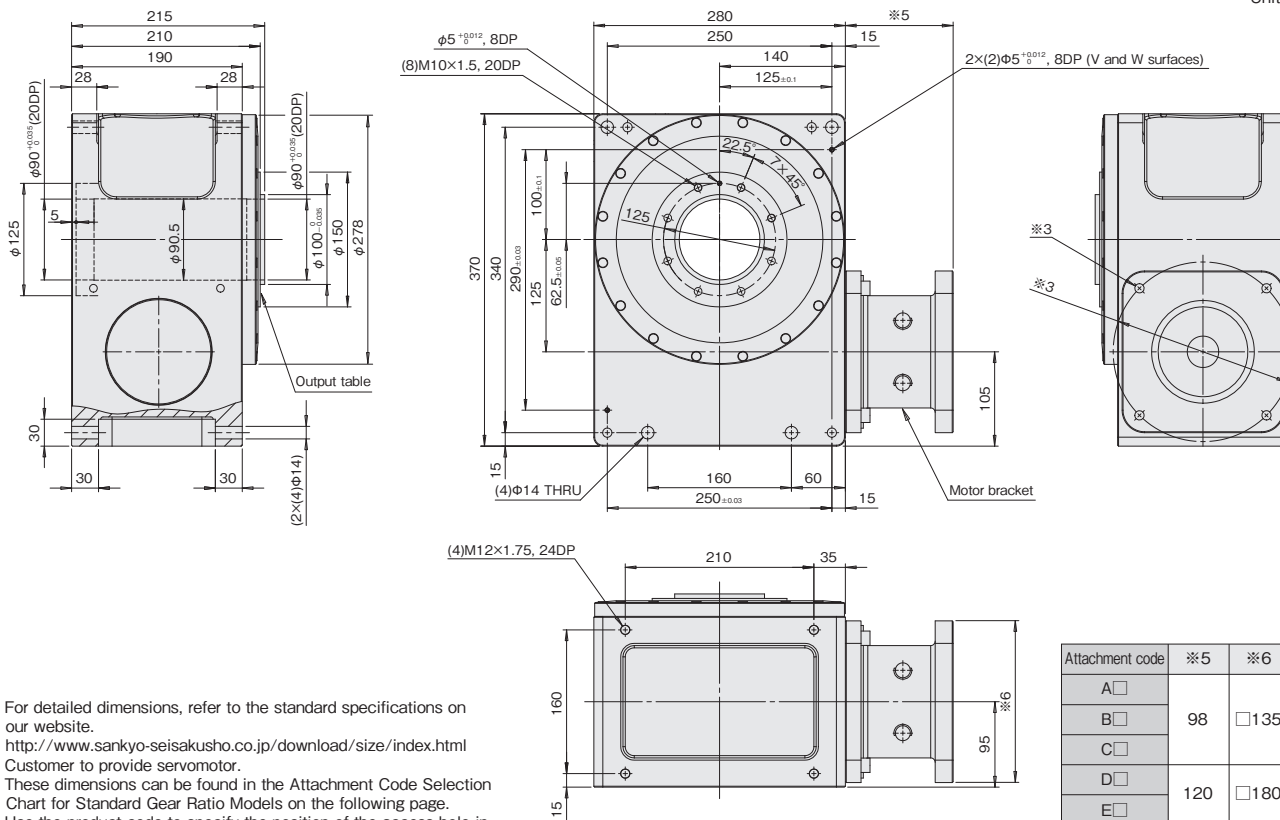


# RU125 Dimensions

## Standard Gear Ratio Model Dimension Drawings (Gear ratio=20)

RU125

Unit:mm

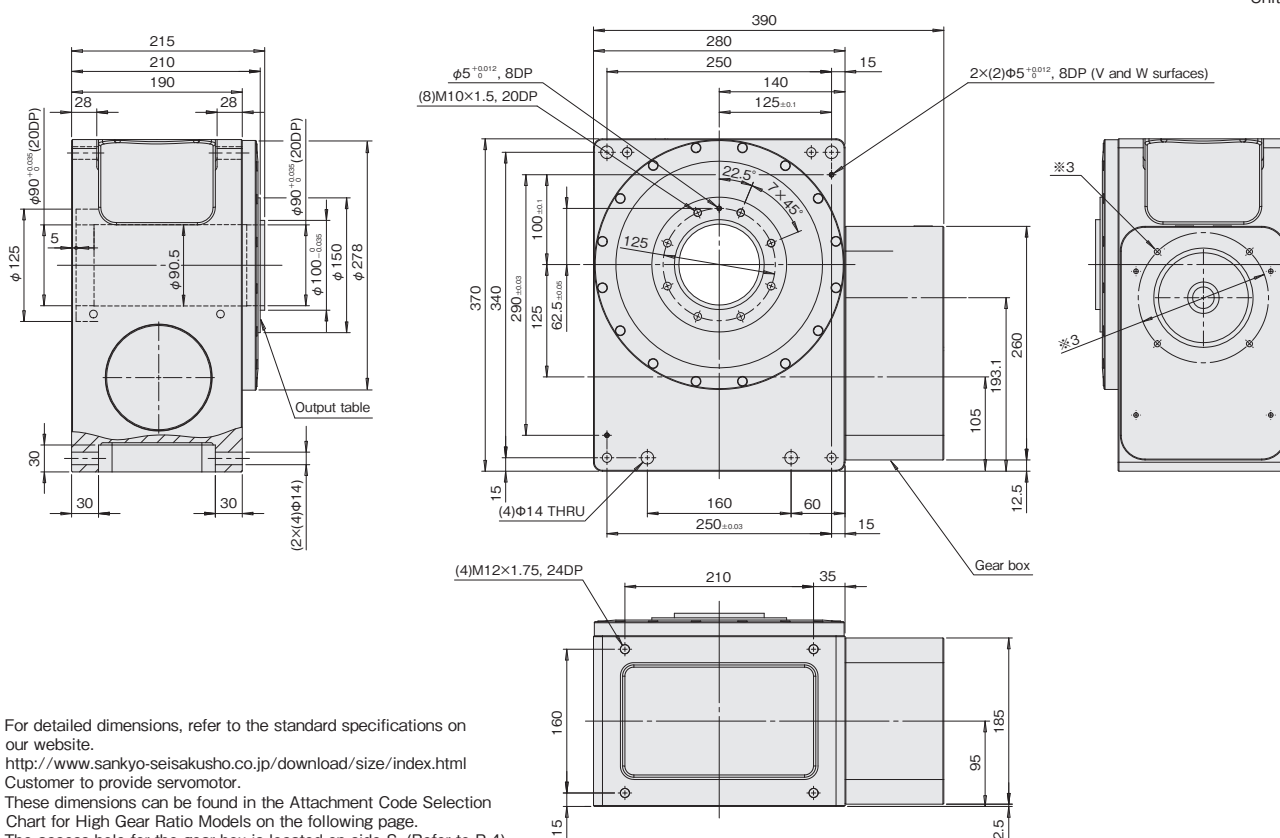


- ※1 For detailed dimensions, refer to the standard specifications on our website.  
<http://www.sankyo-seisakusho.co.jp/download/size/index.html>
- ※2 Customer to provide servomotor.
- ※3 These dimensions can be found in the Attachment Code Selection Chart for Standard Gear Ratio Models on the following page.
- ※4 Use the product code to specify the position of the access hole in the motor bracket. (Refer to P.4)

## High Gear Ratio Model Dimension Drawings (Gear ratio=60)

RU125

Unit:mm

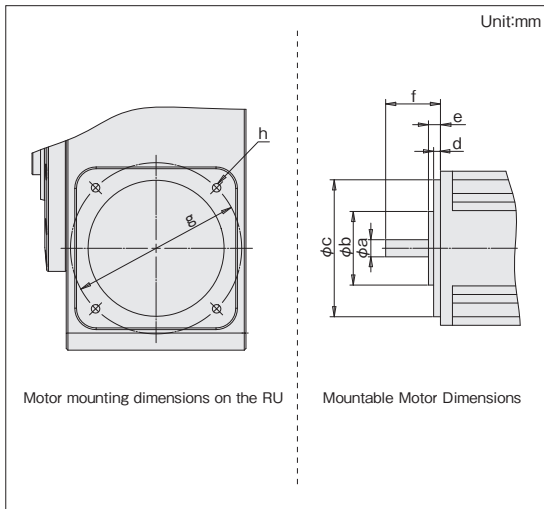


- ※1 For detailed dimensions, refer to the standard specifications on our website.  
<http://www.sankyo-seisakusho.co.jp/download/size/index.html>
- ※2 Customer to provide servomotor.
- ※3 These dimensions can be found in the Attachment Code Selection Chart for High Gear Ratio Models on the following page.
- ※4 The access hole for the gear box is located on side S. (Refer to P.4)

# RU125 Dimensions

## Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=20] With Attachment **RU125**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.

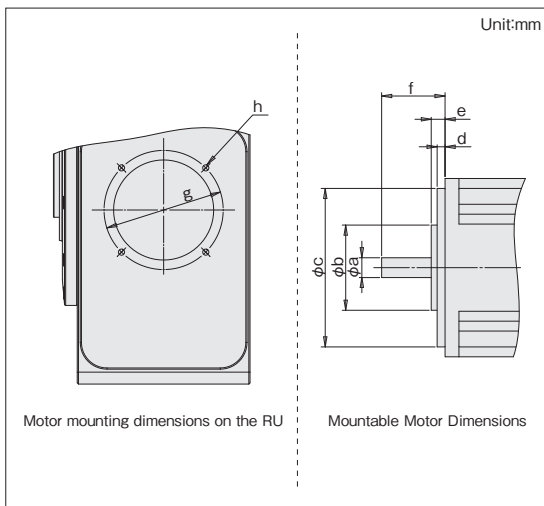


Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 19_{-0.013}^0$	Less than $\phi 90$	$\phi 110$	Less than 7	Less than 31.3	55~61	145	(4)M8x1.25, 20DP	53.33N·m
B□	$\phi 22_{-0.013}^0$								
C□	$\phi 24_{-0.013}^0$	Less than $\phi 100$	$\phi 114.3$	Less than 7	Less than 47.8	79~83	200	(4)M12x1.75, 20DP	86.66N·m 133.33N·m
D□	$\phi 24_{-0.021}^0$								
E□	$\phi 35_{-0.016}^0$								

※1 The most common servomotors suitable for these models are given on pages 23 to 24.

## Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=60] With Attachment **RU125**

Check the dimensions for a to h in the diagram below, and choose the proper attachment code.



Attachment code	a	b	c	d	e	f	g	h	Max motor torque
AS	$\phi 19_{-0.013}^0$	-	$\phi 110$	Less than 6.5	-	50~65.5	145	(4)M8x1.25, 16DP	45.28N·m
BS	$\phi 22_{-0.013}^0$								
CS	$\phi 24_{-0.013}^0$								

※1 The most common servomotors suitable for these models are given on pages 24 to 25.