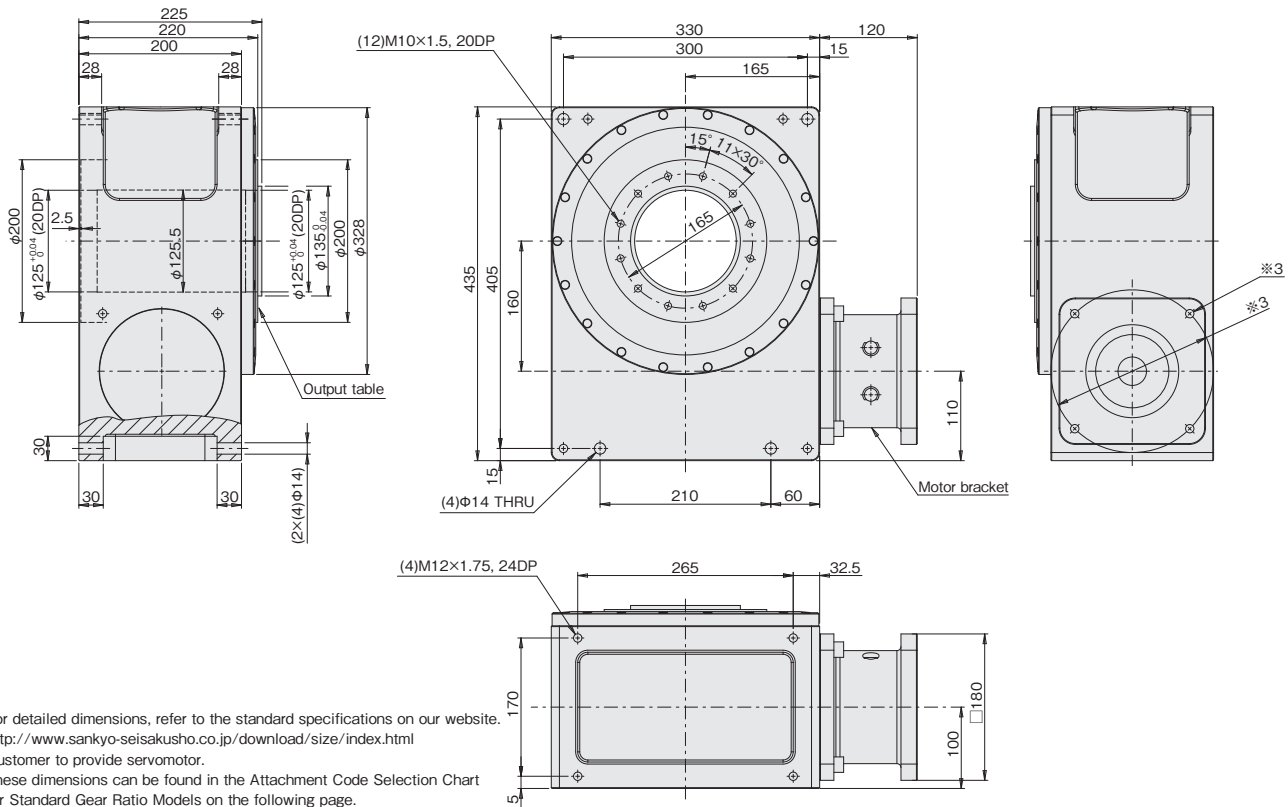


RU160 Dimensions

Standard Gear Ratio Model Dimension Drawings (Gear ratio=24)

RU160

Unit:mm

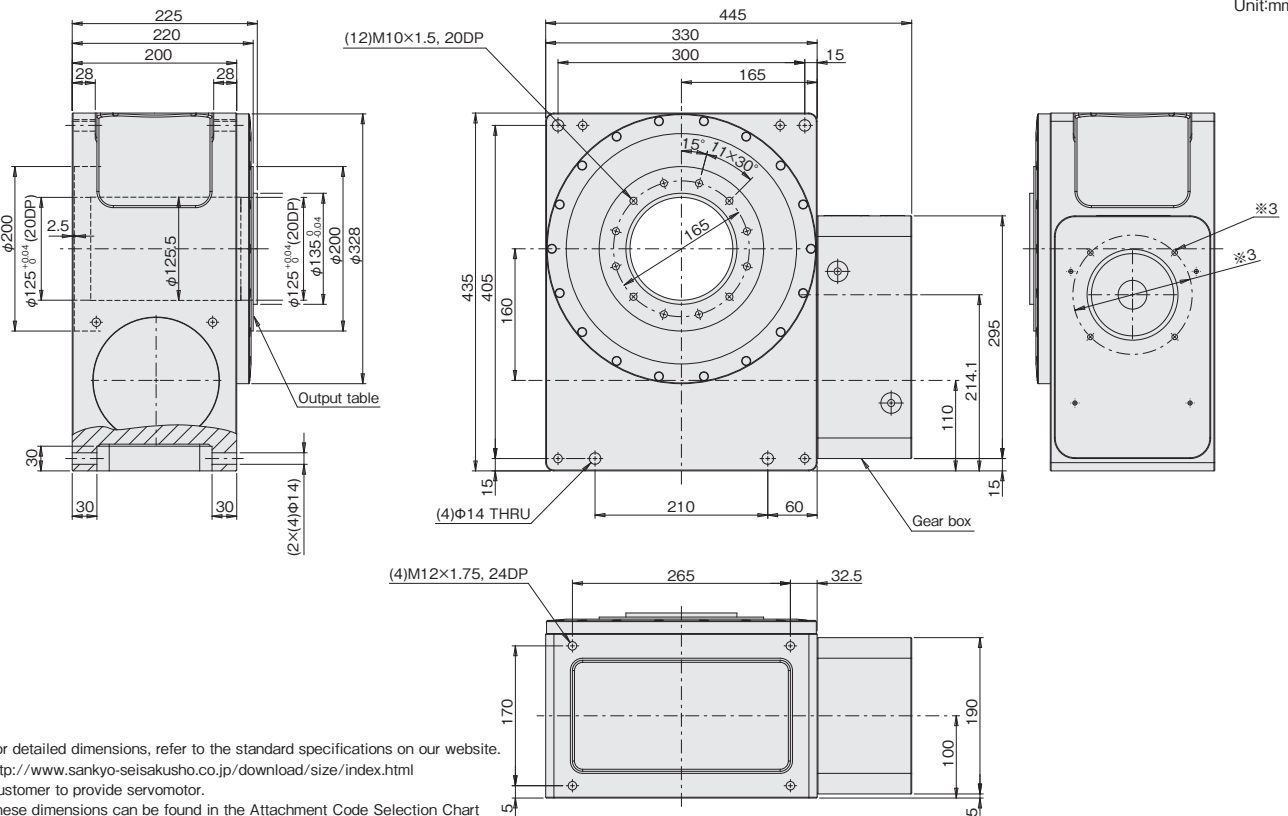


- ※1 For detailed dimensions, refer to the standard specifications on our website.
<http://www.sankyo-seisakusho.co.jp/download/size/index.html>
- ※2 Customer to provide servomotor.
- ※3 These dimensions can be found in the Attachment Code Selection Chart for Standard Gear Ratio Models on the following 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=72)

RU160

Unit:mm



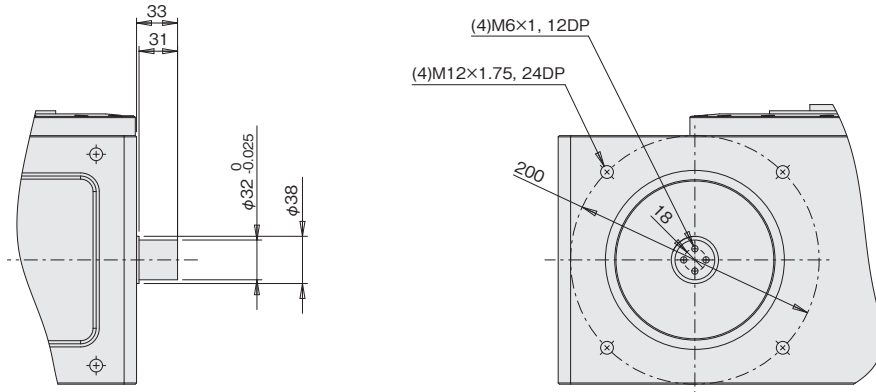
- ※1 For detailed dimensions, refer to the standard specifications on our website.
<http://www.sankyo-seisakusho.co.jp/download/size/index.html>
- ※2 Customer to provide servomotor.
- ※3 These dimensions can be found in the Attachment Code Selection Chart for High Gear Ratio Models on the following page.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

RU160 Dimensions

Input Shaft Detailed Drawing Standard Gear Ratio Models [Gear ratio=24] Without Attachment

RU160

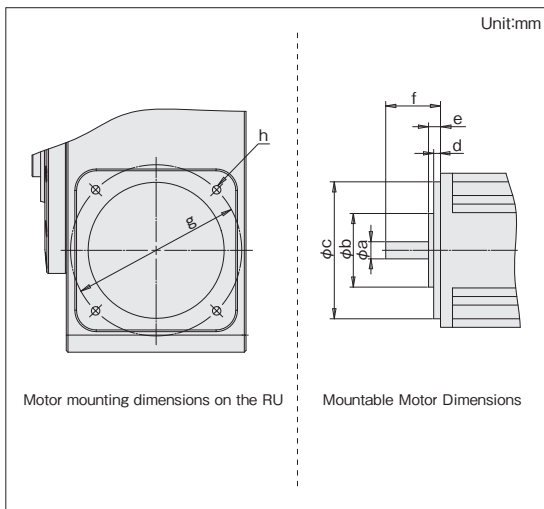
Unit:mm



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

RU160

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



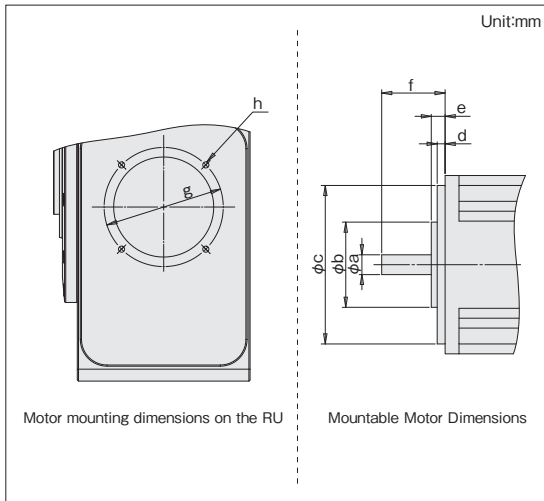
Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 35^{+0.010}_0$	Less than $\phi 90$	$\phi 114.3$	Less than 7	Less than 47.8	79~80	200	(4)M12×1.75, 20DP	160N·m
B□	$\phi 42^{-0.016}_0$								

※1 The most common servomotors suitable for these models are given on page 19.

Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=72] With Attachment

RU160

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	$\phi 24^{-0.021}_0$	Less than $\phi 100$	$\phi 110$	Less than 10	Less than 12	40~65	145	(4)M8×1.25, 16DP	80N·m
BS	$\phi 28^{-0.021}_0$								
CS	$\phi 35^{+0.010}_0$	$\phi 114.3$	40~80	200	(4)M12×1.75, 24DP				
DS	$\phi 35^{-0.016}_0$								

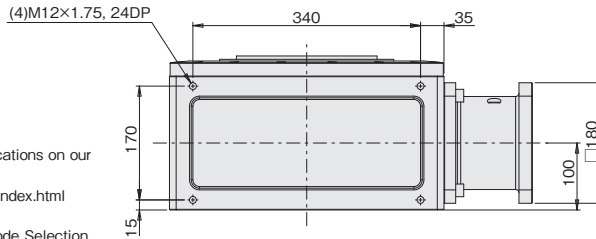
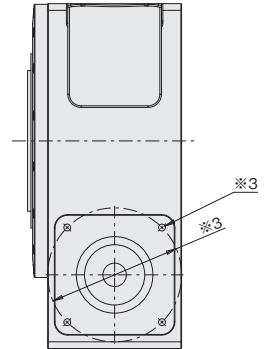
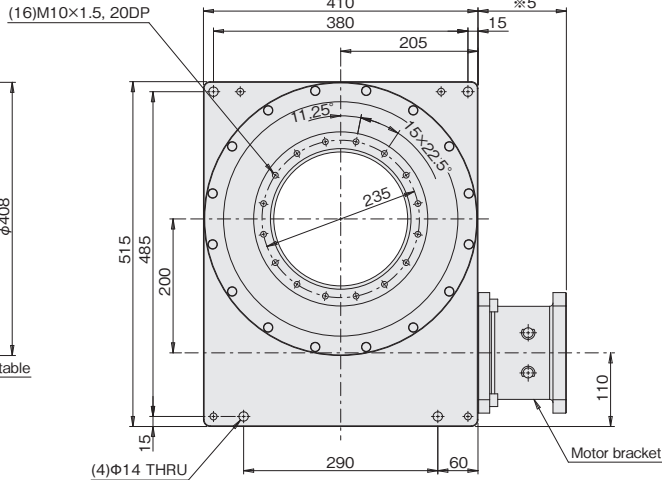
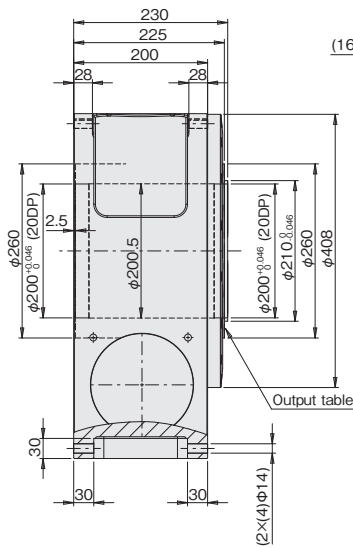
※1 The most common servomotors suitable for these models are given on pages 20 to 21.

RU200 Dimensions

Standard Gear Ratio Model Dimension Drawings (Gear ratio=30)

RU200

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.

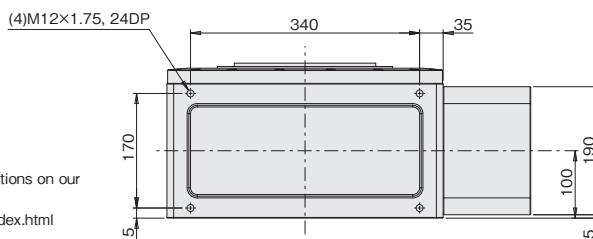
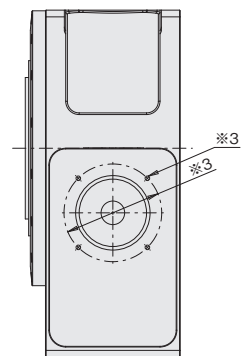
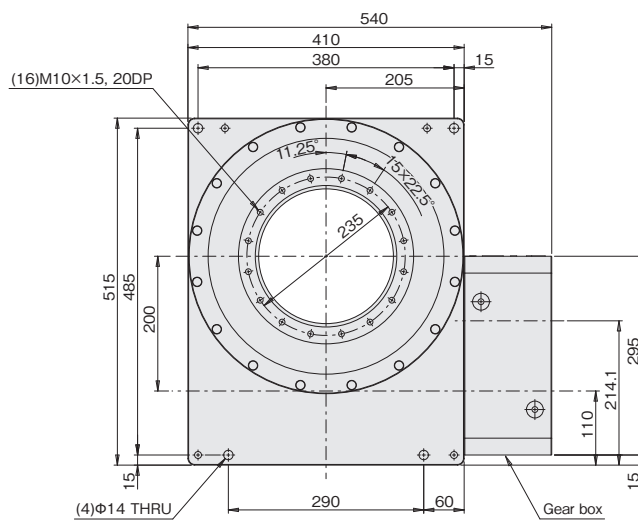
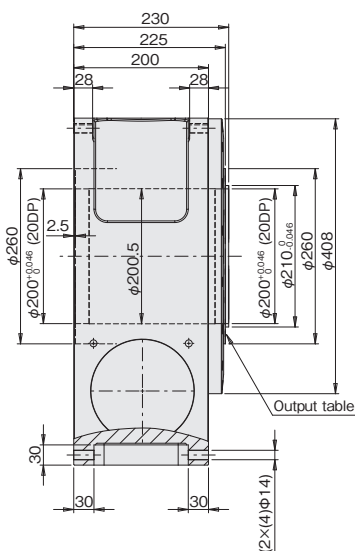
※4 Use the product code to specify the position of the access hole in the motor bracket. (Refer to P.4)

Attachment code	※5 Dimensions
A □	132
B □	166
C □	166

High Gear Ratio Model Dimension Drawings (Gear ratio=90)

RU200

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.

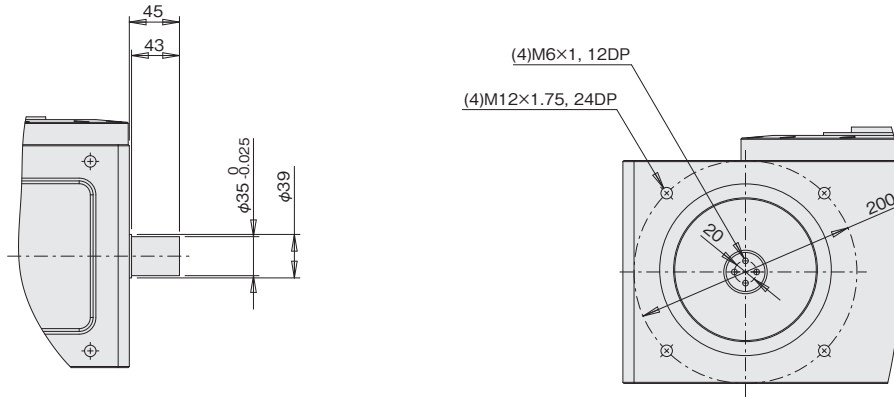
※4 The access hole for the gear box is located on side S. (Refer to P.4)

RU200 Dimensions

Input Shaft Detailed Drawing Standard Gear Ratio Models [Gear ratio=30] Without Attachment

RU200

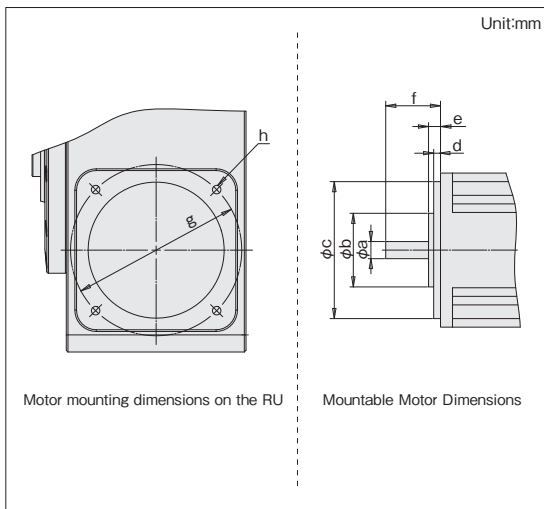
Unit:mm



Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=30] With Attachment

RU200

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



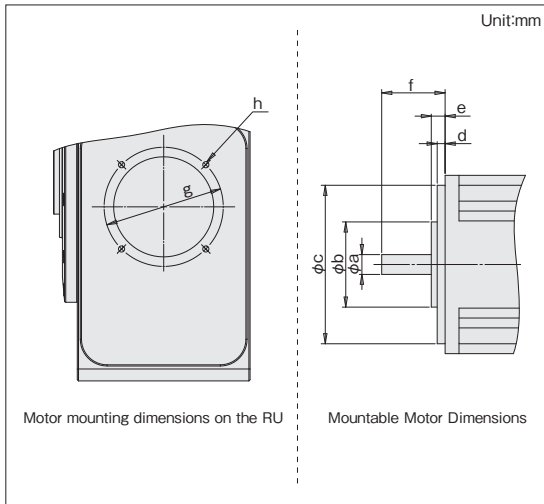
Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 35^{+0.010}_0$	Less than $\phi 90$	$\phi 114.3$	Less than 7	Less than 47.8	79~80	200	(4)M12×1.75, 20DP	160N·m
B□	$\phi 35^{-0.016}_0$								
C□	$\phi 42^{-0.016}_0$				Less than 81.8	112~113			

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

Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=90] With Attachment

RU200

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	$\phi 24^{-0.021}_0$	Less than $\phi 100$	$\phi 110$	Less than 10	Less than 11.5	40~65	145	(4)M8×1.25, 16DP	125N·m
BS	$\phi 28^{-0.021}_0$								
CS	$\phi 35^{+0.010}_0$		$\phi 114.3$		Less than 12	40~80	200	(4)M12×1.75, 24DP	
DS	$\phi 35^{-0.016}_0$								

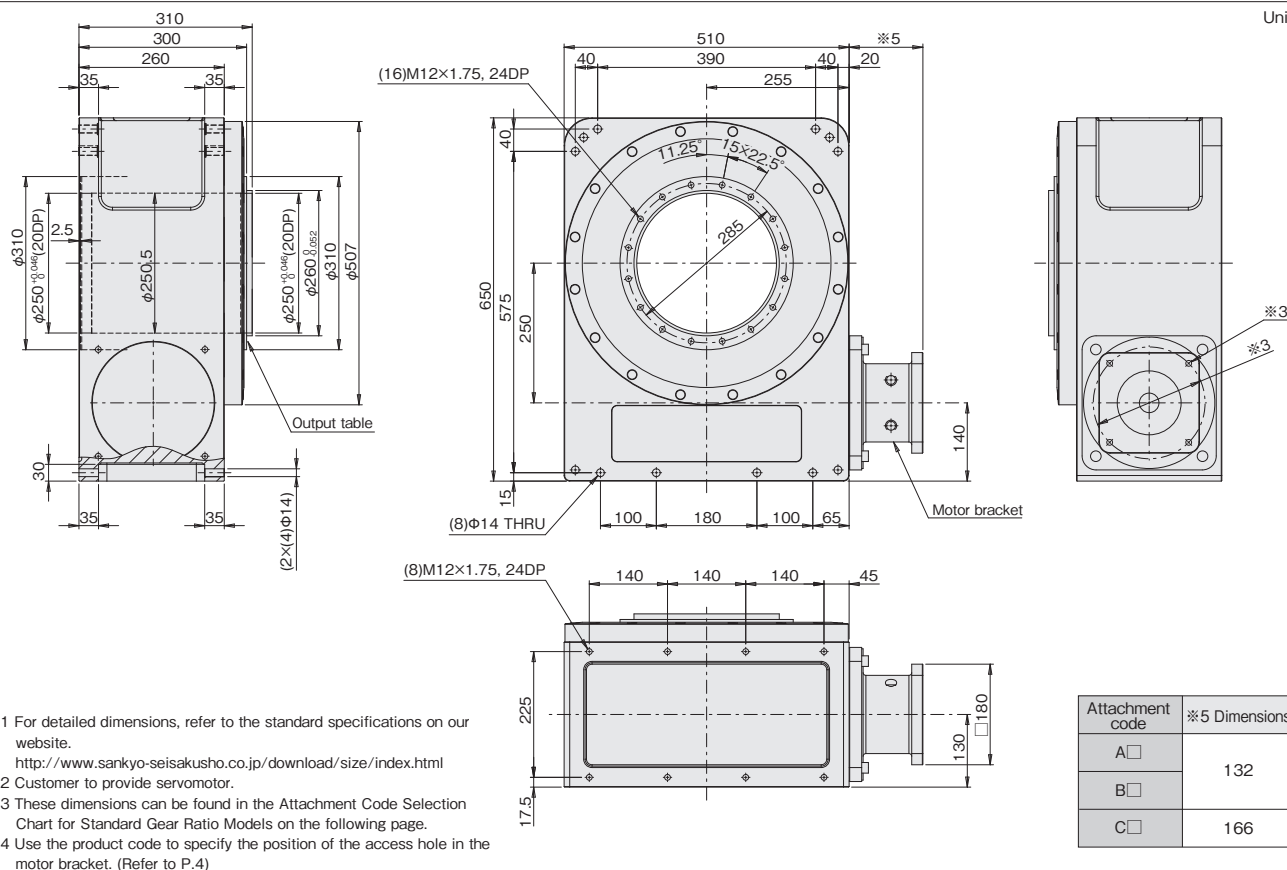
※1 The most common servomotors suitable for these models are given on pages 23 to 24.

RU250 Dimensions

Standard Gear Ratio Model Dimension Drawings (Gear ratio=30)

RU250

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.

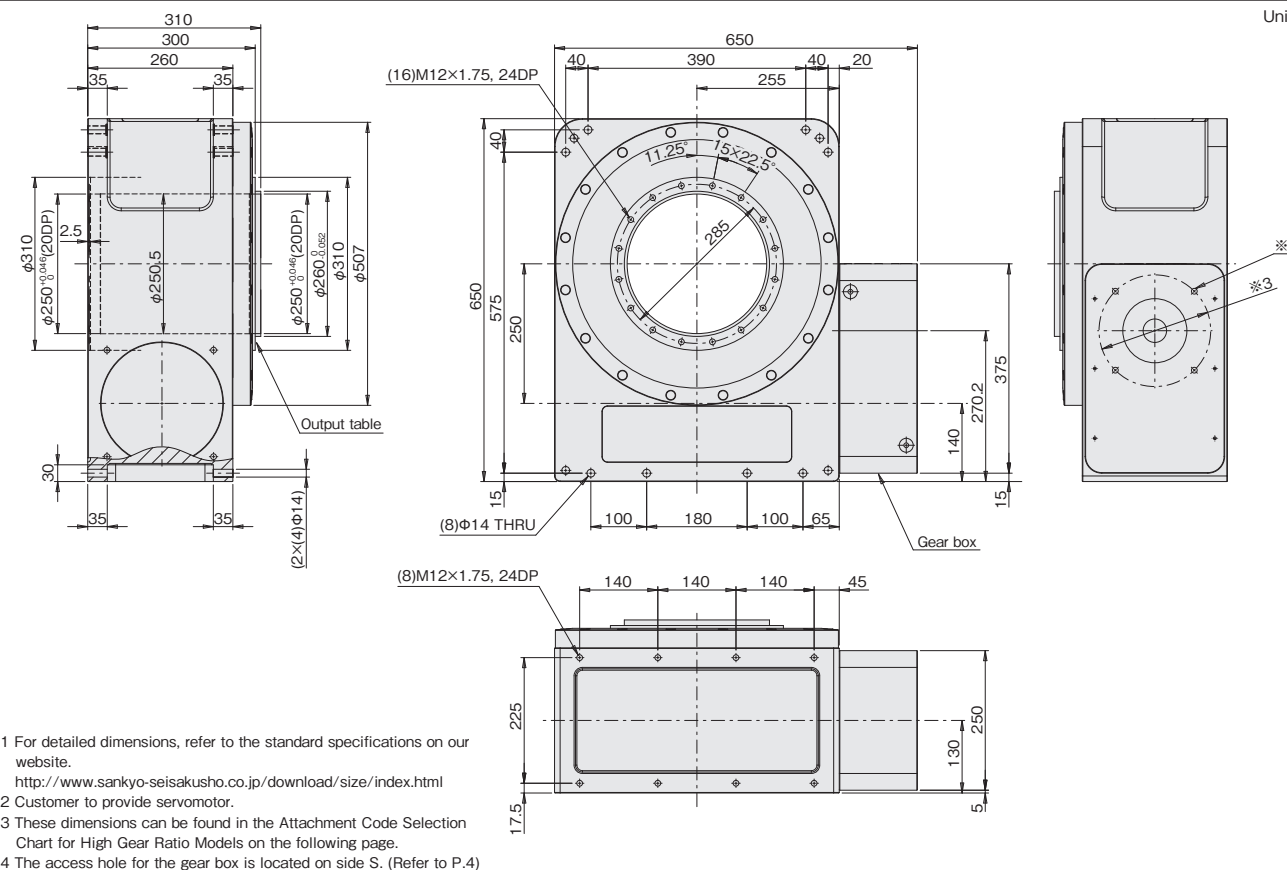
※3 These dimensions can be found in the Attachment Code Selection Chart for Standard Gear Ratio Models on the following page.

※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=100)

RU250

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.

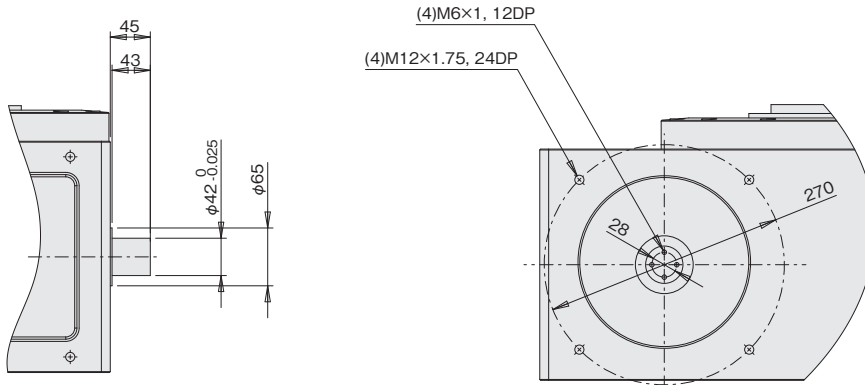
※4 The access hole for the gear box is located on side S. (Refer to P.4)

RU250 Dimensions

Input Shaft Detailed Drawing Standard Gear Ratio Models [Gear ratio=30] Without Attachment

RU250

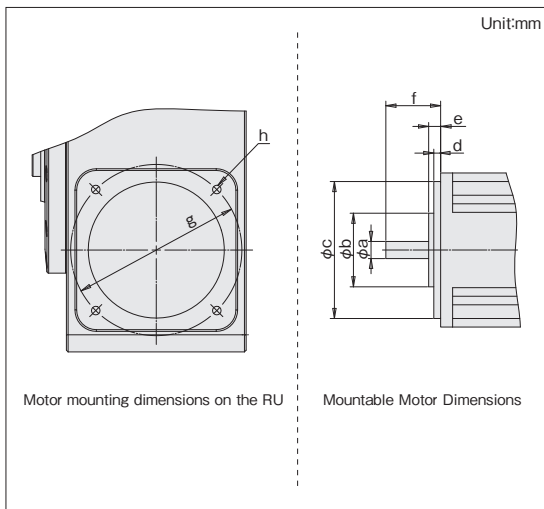
Unit:mm



Attachment Code Selection Chart Standard Gear Ratio Models [Gear ratio=30] With Attachment

RU250

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



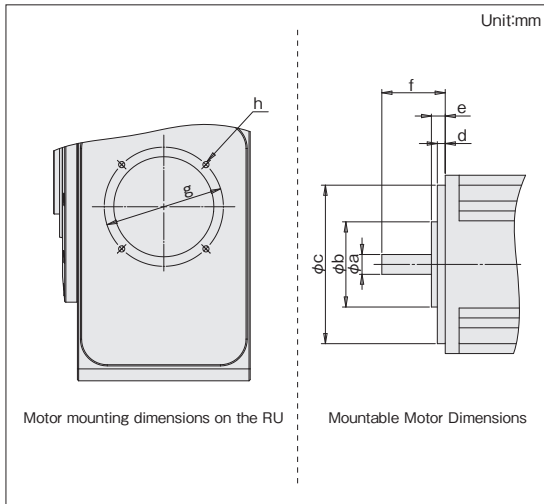
Attachment code	a	b	c	d	e	f	g	h	Max motor torque
A□	$\phi 35^{+0.010}_0$	-	$\phi 114.3$	Less than 47.8	-	79~80	200	(4)M12×1.75, 20DP	180N·m
B□	$\phi 35^{-0.016}_0$								
C□	$\phi 42^{-0.016}_0$			Less than 81.8		112~113			

※1 The most common servomotors suitable for these models are given on page 25.

Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=100] With Attachment

RU250

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	$\phi 35^{+0.010}_0$	-	$\phi 114.3$	Less than 7.5	-	40~80	200	(4)M12×1.75, 24DP	110N·m
BS	$\phi 35^{-0.016}_0$								

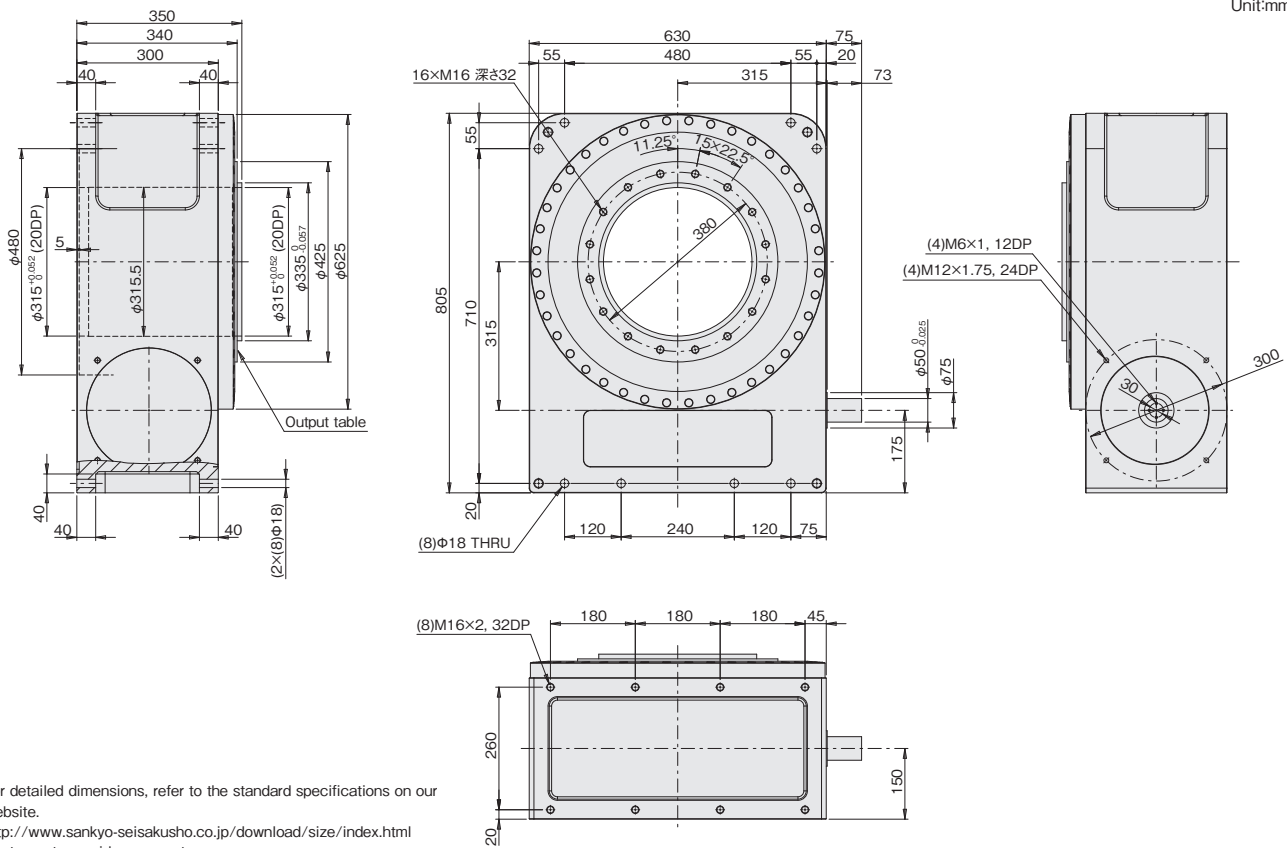
※1 The most common servomotors suitable for these models are given on page 26.

RU315 Dimensions

Standard Gear Ratio Model Dimension Drawings (Gear ratio=32)

RU315

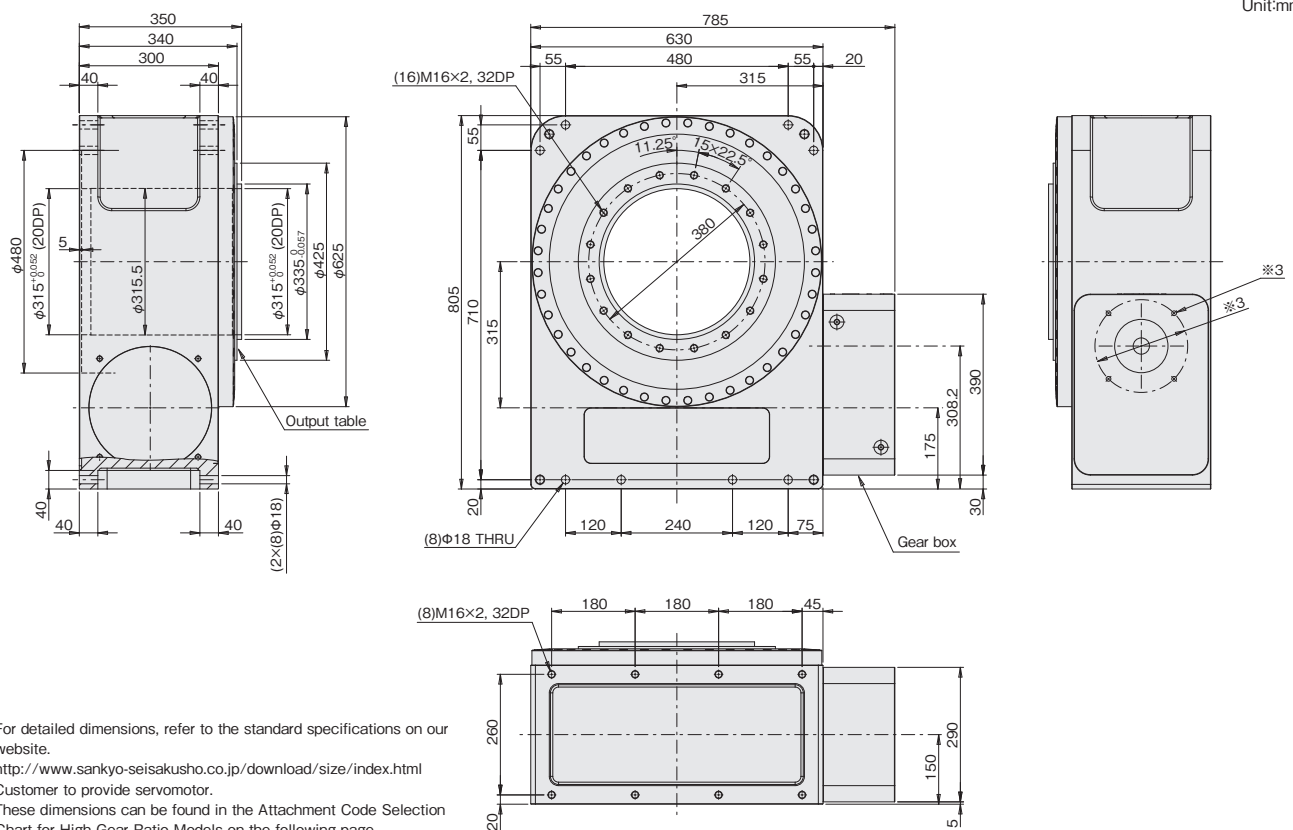
Unit:mm



High Gear Ratio Model Dimension Drawings (Gear ratio=120)

RU315

Unit:mm

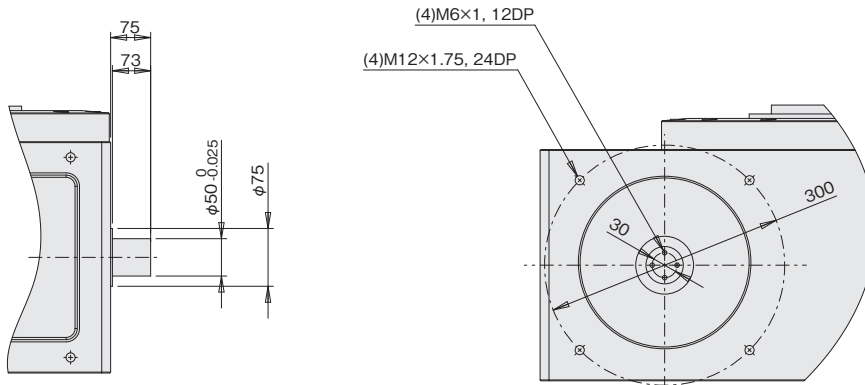


RU315 Dimensions

Input Shaft Detailed Drawing Standard Gear Ratio Models [Gear ratio=32] Without Attachment

RU315

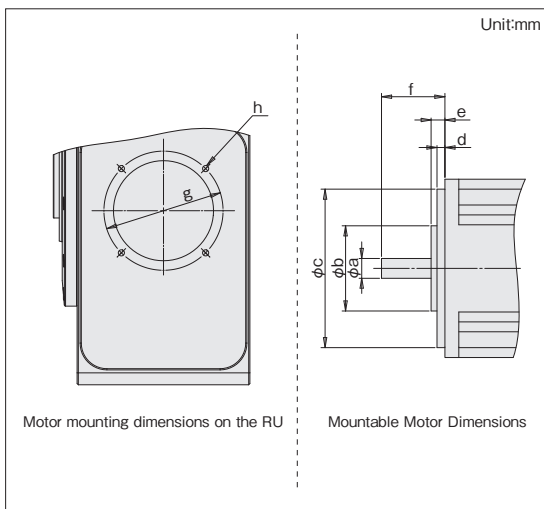
Unit:mm



Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=120] With Attachment

RU315

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	$\phi 35^{+0.010}_0$	—	$\phi 114.3$	Less than 5	—	40~80	200	(4)M12x1.75, 24DP	150N·m
BS	$\phi 35_{-0.016}^0$	—	$\phi 114.3$	Less than 5	—	40~80	200	(4)M12x1.75, 24DP	150N·m

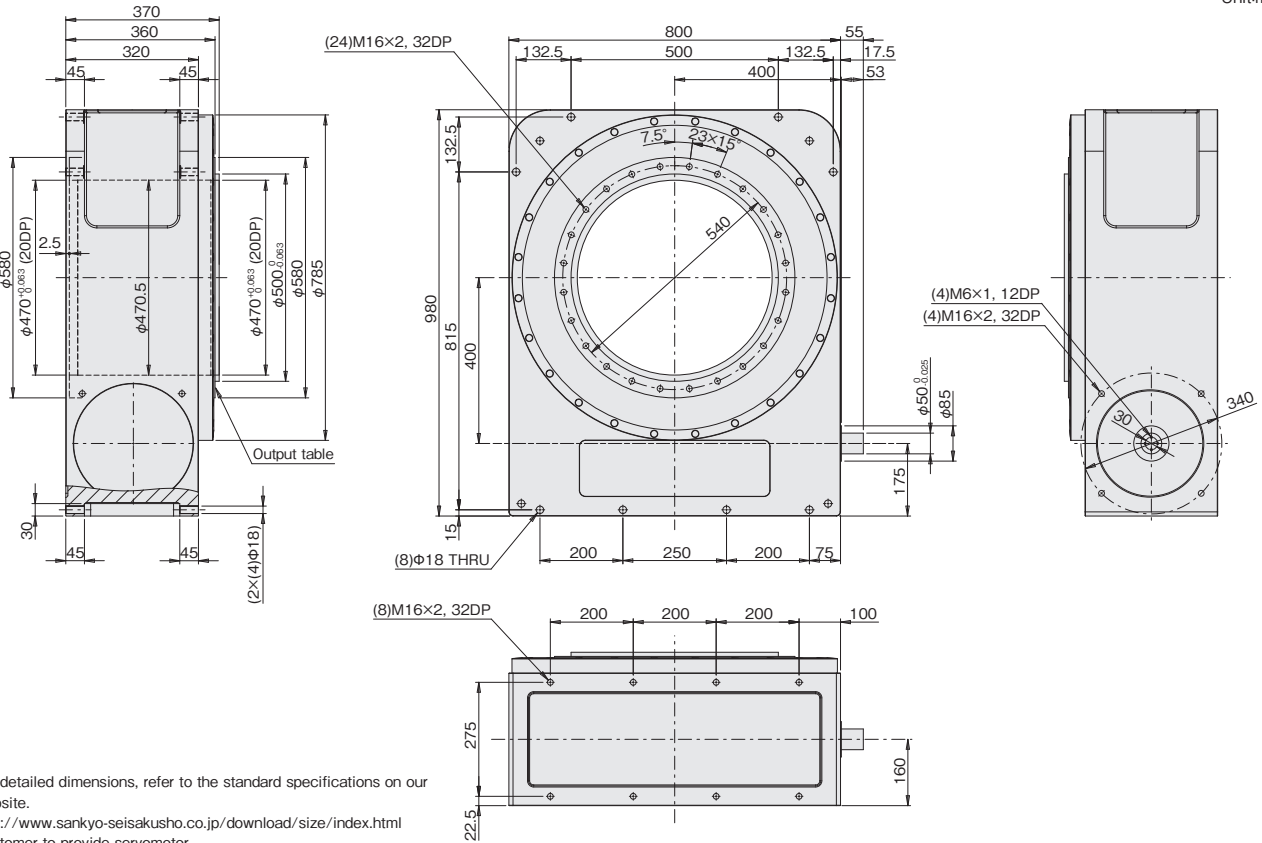
※1 The most common servomotors suitable for these models are given on page 27.

RU400 Dimensions

Standard Gear Ratio Model Dimension Drawings (Gear ratio=36)

RU400

Unit:mm

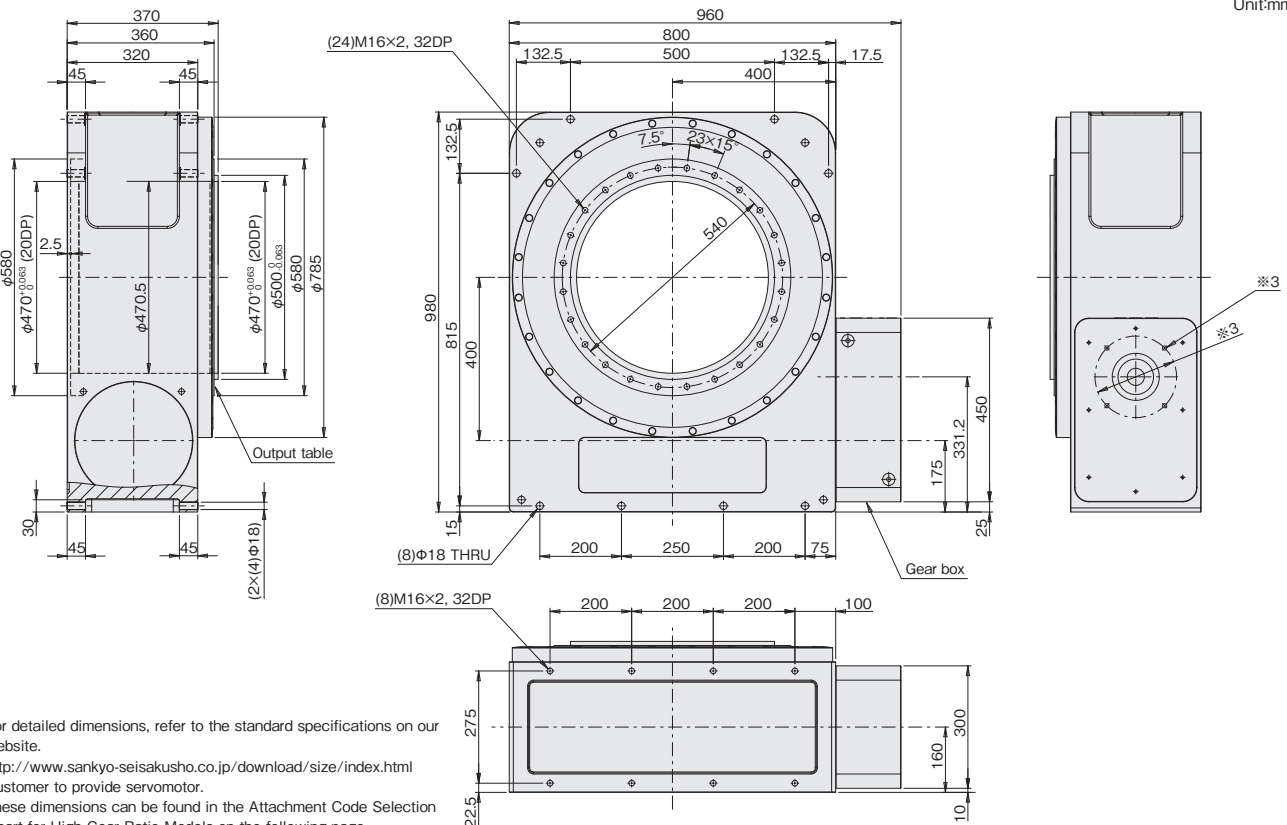


※1 For detailed dimensions, refer to the standard specifications on our website.
<http://www.sankyo-seisakusho.co.jp/download/size/index.html>
 ※2 Customer to provide servomotor.

High Gear Ratio Model Dimension Drawings (Gear ratio=120)

RU400

Unit:mm



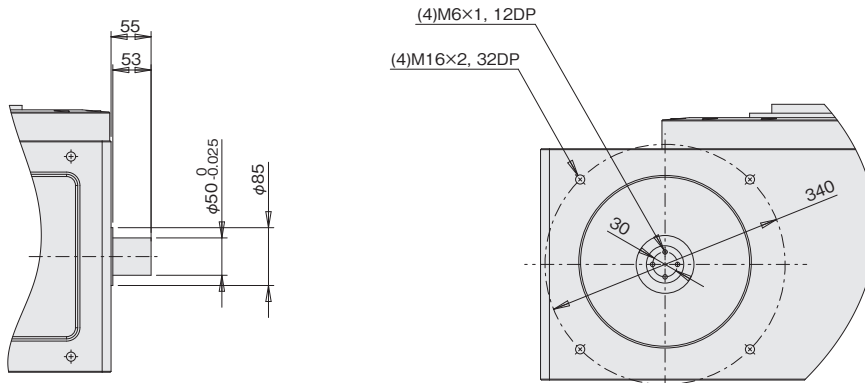
※1 For detailed dimensions, refer to the standard specifications on our website.
<http://www.sankyo-seisakusho.co.jp/download/size/index.html>
 ※2 Customer to provide servomotor.
 ※3 These dimensions can be found in the Attachment Code Selection Chart for High Gear Ratio Models on the following page.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

RU400 Dimensions

Input Shaft Detailed Drawing Standard Gear Ratio Models [Gear ratio=36] Without Attachment

RU400

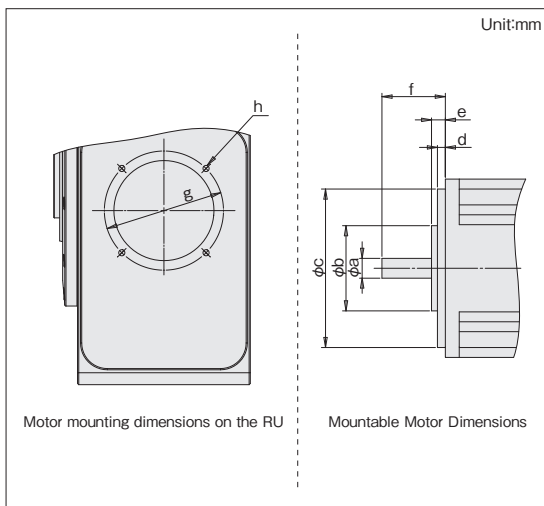
Unit:mm



Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=120] With Attachment

RU400

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	$\phi 35_{+0.010}^0$	Less than $\phi 110$	$\phi 114.3$	Less than 7.5	Less than 10	50~80	200	(4)M12×1.75, 24DP	235N·m
BS	$\phi 35_{-0.016}^0$								
CS	$\phi 42_{-0.016}^0$								

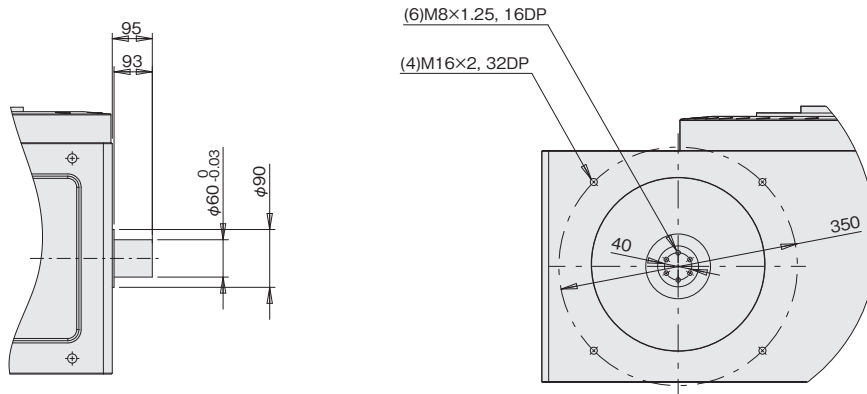
※1 The most common servomotors suitable for these models are given on page 28.

RU500 Dimensions

Input Shaft Detailed Drawing Standard Gear Ratio Models [Gear ratio=40] Without Attachment

RU500

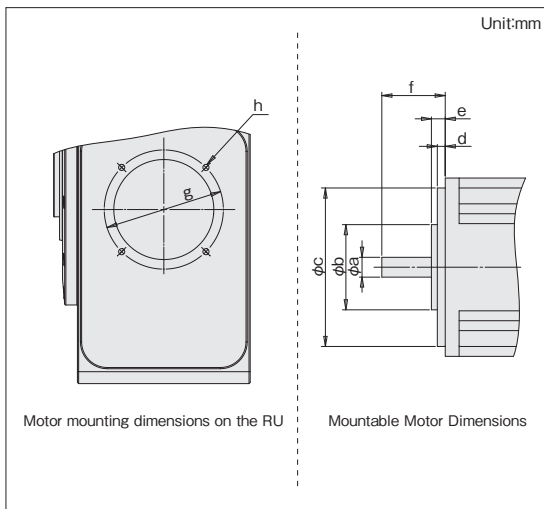
Unit:mm



Attachment Code Selection Chart High Gear Ratio Models [Gear ratio=150] With Attachment

RU500

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	$\phi 35^{+0.010}_0$	-	$\phi 114.3$	Less than 49	-	79~80	200	$(4)M12 \times 1.75, 24DP$	235N·m
BS	$\phi 35^{-0.016}_0$								
CS	$\phi 42^{-0.016}_0$	Less than $\phi 170$	$\phi 200$	Less than 49	85	235			
DS	$\phi 55^{-0.019}_0$								

※1 The most common servomotors suitable for these models are given on page 29.