

# HRS-174F2 4th axis Hydraulic NC Rotary Table

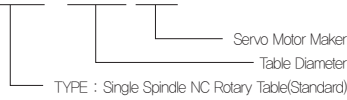


## Application / Benefits

High Precision & High Speed Systems, Vertical & Horizontal application  
 Compact Design, Extremely Rigid Body  
 High Clamping power (Hydraulic)

## Model No.

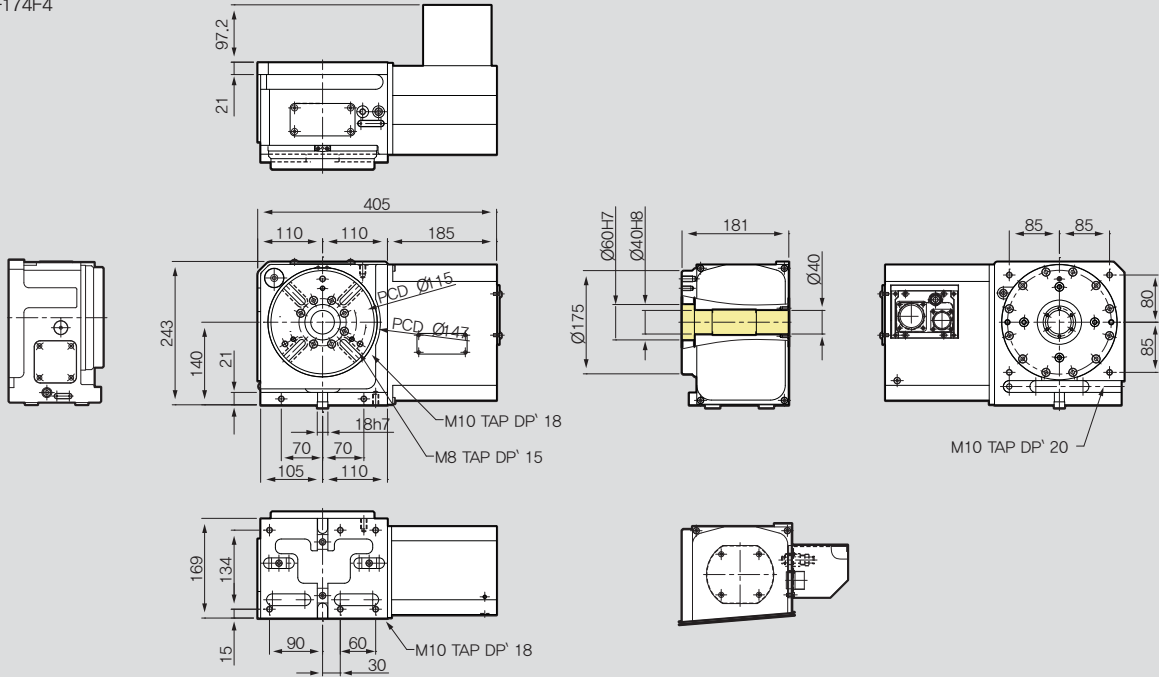
### HRS-174 F2



## Servo Motor Maker

- |                |                 |
|----------------|-----------------|
| F : FANUC      | H : HEIDENHAIN  |
| S : SIEMENS    | L : LS MECAPION |
| M : MITSUBISHI | SY : SANYO      |
| P : PANASONIC  | FA : FAGOR      |
| Y : YASKAWA    | O : OKUMA       |

HRS-174F4



NC Rotary Table

## SPECIFICATIONS

Table Dia. [mm]	Ø175
Center Height [mm]	140
Resister Dia. On Face Plate	Ø60H7
Spindle Through Hole Dia. [mm]	Ø40H8
Clamp Method	Hydraulic MAX. 35bar
Allowable Work Inertia [kgm <sup>2</sup> ]	0.51
Clamp Torque [N · m]	-
Max. Spindle Speed [mm <sup>-1</sup> ]	69.4
Gear Ratio [mm]	1/72
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	62
Servo Motor [FANUC]	aiF2 / 5000

Allowable load	Horizontal [kg]		160
	Vertical [kg]		80
Allowable cutting load	F x L [N·m]		10
	F x L [N·m]		600
Allowable Cutting Torque [N·m]	F x L [N·m]		380
	F x L [N·m]		220

# HRS-204F4 4th axis Hydraulic NC Rotary Table

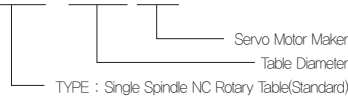


## Application / Benefits

High Precision & High Speed Systems, Vertical & Horizontal available  
 Compact Design, Extremely Rigid Body  
 High Clamping power (Hydraulic)

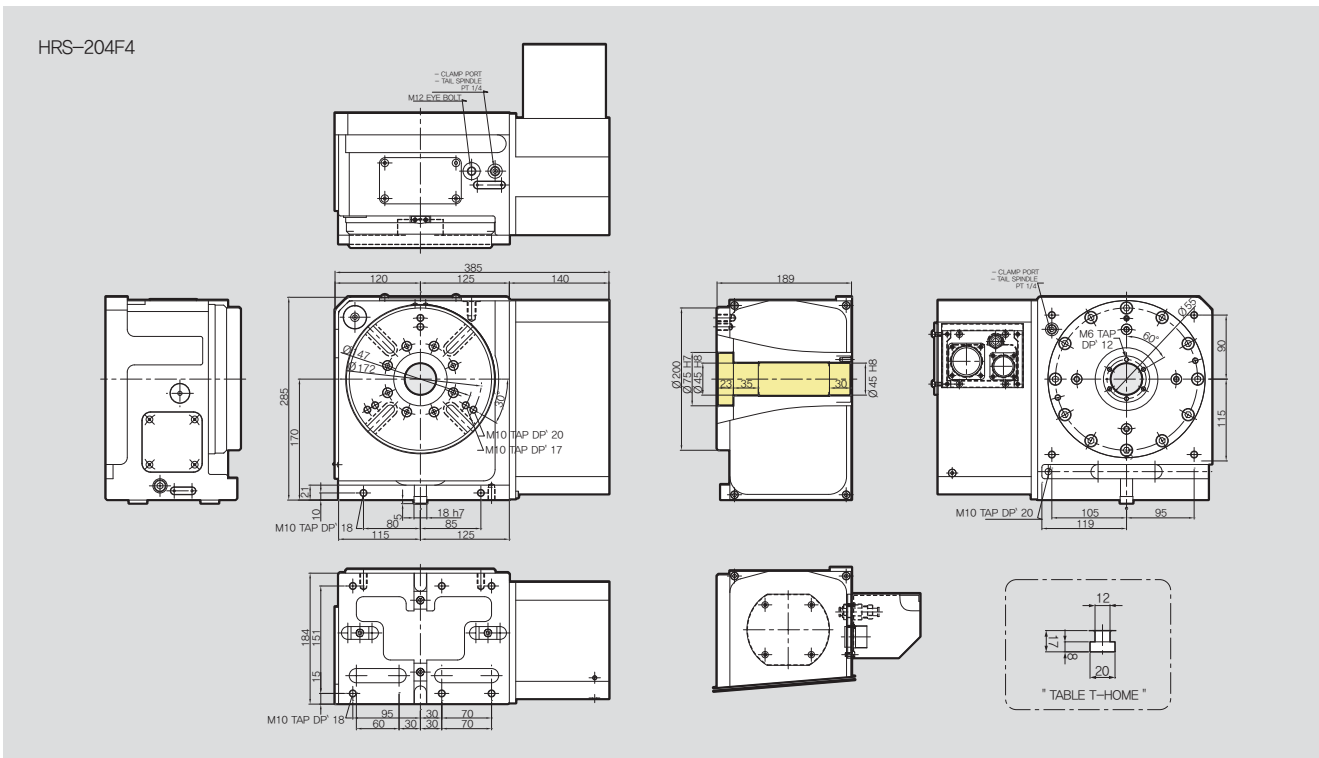
## Model No.

**HRS-204 F4**



## Servo Motor Maker

- |                |                 |
|----------------|-----------------|
| F : FANUC      | H : HEIDENHAIN  |
| S : SIEMENS    | L : LS MECAPION |
| M : MITSUBISHI | SY : SANYO      |
| P : PANASONIC  | FA : FAGOR      |
| Y : YASKAWA    | O : OKUMA       |



## SPECIFICATIONS

Table Dia. [mm]	Ø210
Center Height [mm]	170
Resister Dia. On Face Plate	Ø75H7
Spindle Through Hole Dia. [mm]	Ø45H8
Clamp Method	Hydraulic MAX. 35bar
Allowable Work Inertia [kgm <sup>2</sup> ]	0.8
Clamp Torque [N · m]	720
Max. Spindle Speed [mm <sup>-1</sup> ]	33.3
Gear Ratio [mm]	1/90
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	79
Servo Motor [FANUC]	aiF4 / 4000

Allowable load	Horizontal [kg]		200
	Vertical [kg]		100
Allowable cutting load	F [kN]		17
	F x L [N-m]		1100
Allowable Cutting Torque	F x L [N-m]		480
	[N-m]		270

# HRS-254F4 4th axis Hydraulic NC Rotary Table



## Application / Benefits

High Precision & High Speed Systems, Vertical & Horizontal available  
 Compact Design, Extremely Rigid Body  
 High Clamping power (Hydraulic)

## Model No.

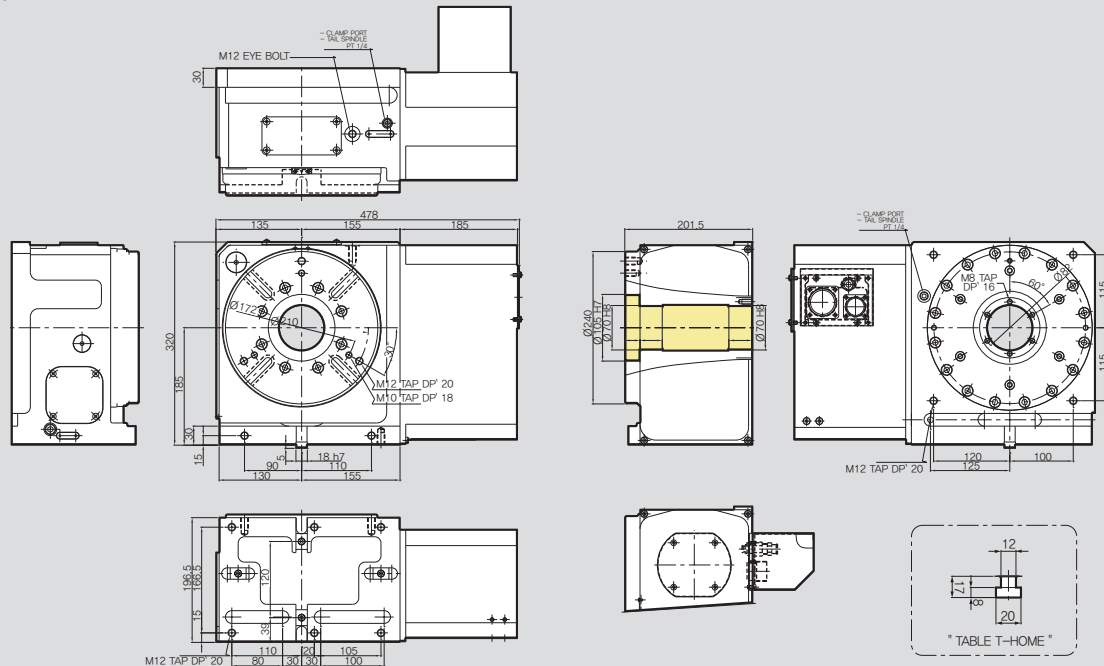
**HRS-254 F4**



## Servo Motor Maker

F : FANUC                      H : HEIDENHAIN  
 S : SIEMENS                 L : LS MECAPION  
 M : MITSUBISHI            SY : SANYO  
 P : PANASONIC            FA : FAGOR  
 Y : YASKAWA              O : OKUMA

HRS-254F4



## SPECIFICATIONS

Table Dia. [mm]	Ø240
Center Height [mm]	185
Resister Dia. On Face Plate	Ø105H7
Spindle Through Hole Dia. [mm]	Ø70H8
Clamp Method	Hydraulic MAX. 35bar
Allowable Work Inertia [kgm <sup>2</sup> ]	1.95
Clamp Torque [N · m]	1500
Max. Spindle Speed [mm <sup>-1</sup> ]	33.3
Gear Ratio [mm]	1/90
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	116
Servo Motor [FANUC]	αiF4 / 4000

Allowable load	Horizontal [kg]		250
	Vertical [kg]		125
Allowable cutting load	F [kN]		21
	F x L [N·m]		1600
Allowable Cutting Torque	F x L [N·m]		750
	[N·m]		480

# HRS-254F8 4th axis Hydraulic NC Rotary Table



## Application / Benefits

High Precision & High Speed Systems, Vertical & Horizontal available  
 Compact Design, Extremely Rigid Body  
 High Clamping power (Hydraulic)

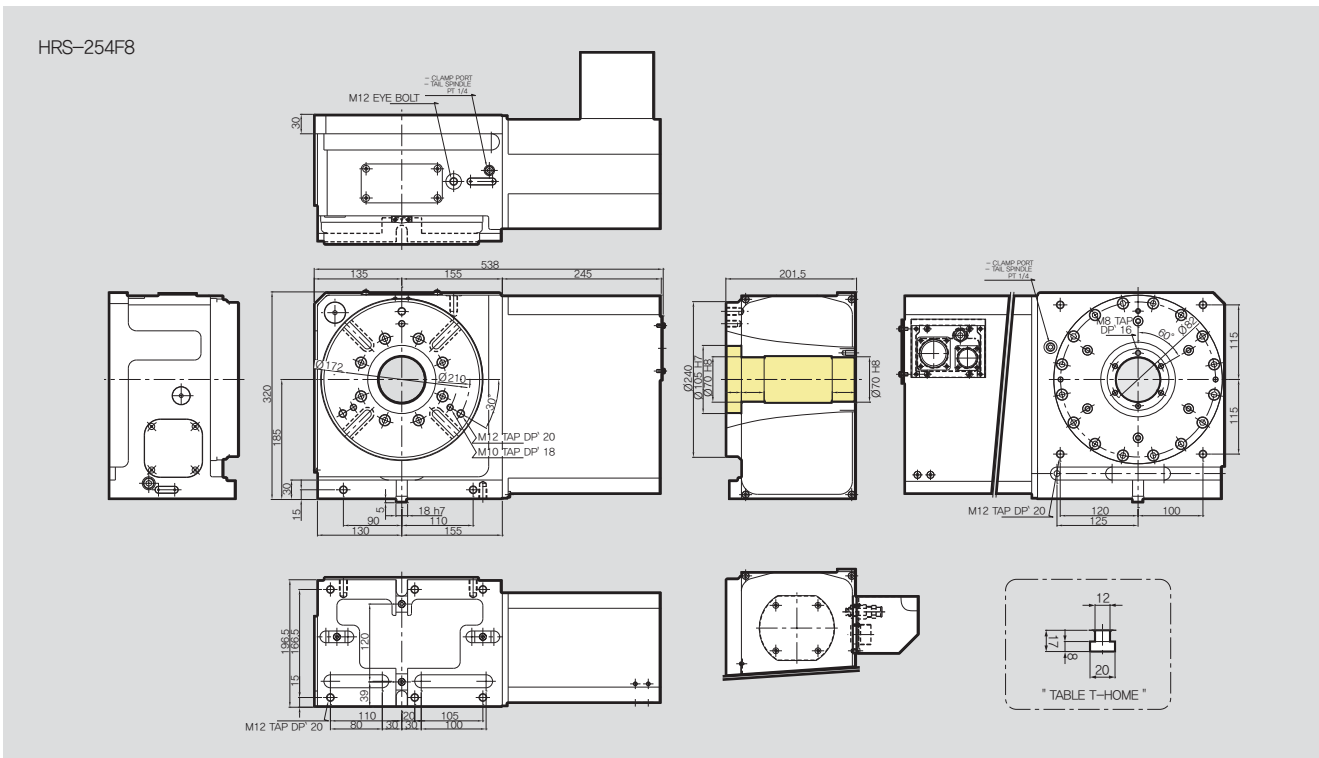
## Model No.

**HRS-254 F8**



## Servo Motor Maker

- |                |                 |
|----------------|-----------------|
| F : FANUC      | H : HEIDENHAIN  |
| S : SIEMENS    | L : LS MECAPION |
| M : MITSUBISHI | SY : SANYO      |
| P : PANASONIC  | FA : FAGOR      |
| Y : YASKAWA    | O : OKUMA       |



## SPECIFICATIONS

Table Dia. [mm]	Ø240
Center Height [mm]	185
Resister Dia. On Face Plate	Ø105H7
Spindle Through Hole Dia. [mm]	Ø70H8
Clamp Method	Hydraulic MAX. 35 bar
Allowable Work Inertia [kgm <sup>2</sup> ]	3.12
Clamp Torque [N · m]	1500
Max. Spindle Speed [mm <sup>-1</sup> ]	33.3
Gear Ratio [mm]	1/90
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	116
Servo Motor [FANUC]	aiF8 / 3000

Allowable load	Horizontal [kg]		250
	Vertical [kg]		125
Allowable cutting load	F [kN]		21
	F x L [N·m]		1600
Allowable Cutting Torque [N·m]	F x L [N·m]		750
			600

# HRS-324F8 4th axis Hydraulic NC Rotary Table



## Application / Benefits

High Precision & High Speed Systems, Vertical & Horizontal available  
 Compact Design, Extremely Rigid Body  
 High Clamping power (Hydraulic)

## Model No.

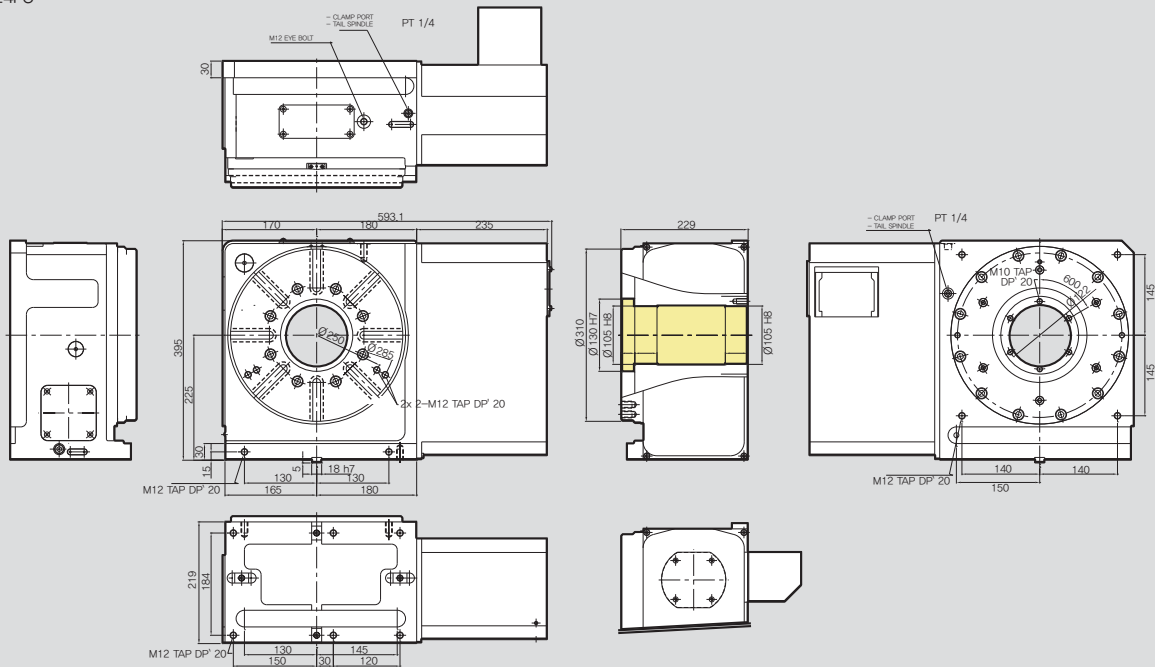
### HRS-324 F8

— Servo Motor Maker  
 — Table Diameter  
 TYPE : Single Spindle NC Rotary Table (Standard)

## Servo Motor Maker

F : FANUC      H : HEIDENHAIN  
 S : SIEMENS    L : LS MECAPION  
 M : MITSUBISHI    SY : SANYO  
 P : PANASONIC    FA : FAGOR  
 Y : YASKAWA      O : OKUMA

HRS-324F8



## SPECIFICATIONS

Table Dia. [mm]	Ø310
Center Height [mm]	225
Resister Dia. On Face Plate	Ø130H7
Spindle Through Hole Dia. [mm]	Ø105H8
Clamp Method	Hydraulic MAX. 35 bar
Allowable Work Inertia [kgm <sup>2</sup> ]	4.49
Clamp Torque [N · m]	2300
Max. Spindle Speed [mm <sup>-1</sup> ]	25
Gear Ratio [mm]	1/120
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	180
Servo Motor [FANUC]	αiF8 / 3000

Allowable load	Horizontal [kg]		350
	Vertical [kg]		180
Allowable cutting load	F [kN]		25
	F x L [N·m]		2400
Allowable Cutting Torque	F x L [N·m]		1440
	[N·m]		800