

4th axis NC Rotary Table



Application / Benefits

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

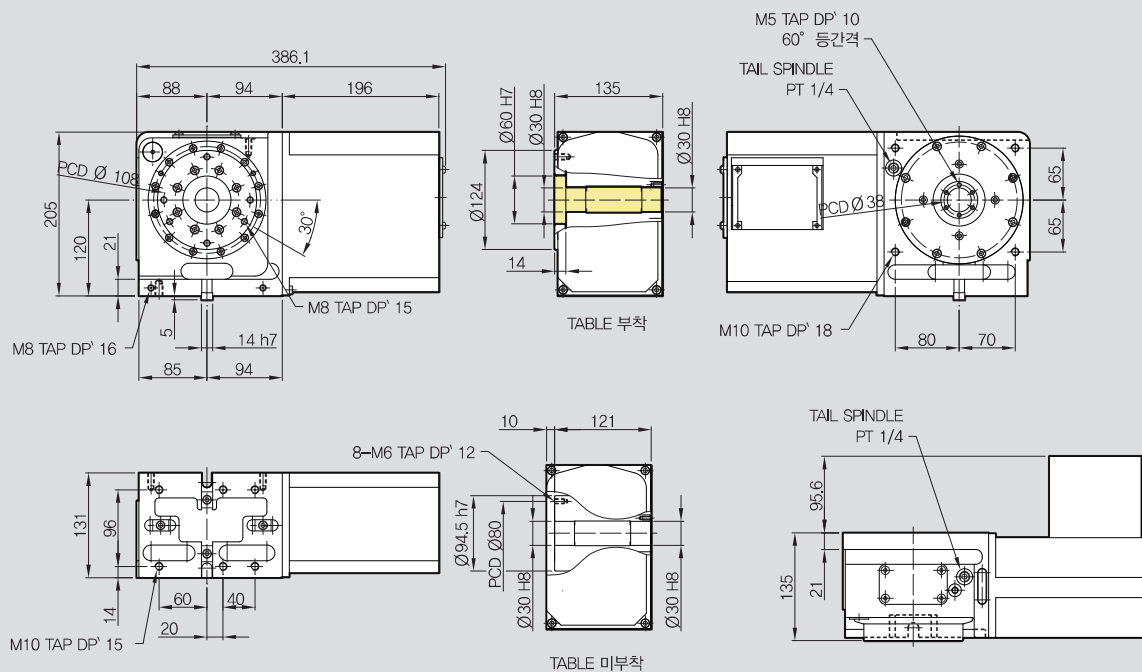
Model No.

S-120 F2

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



SPECIFICATIONS

Table Dia. [mm]	Ø124
Center Height [mm]	120
Resister Dia. On Face Plate	Ø60H7
Spindle Through Hole Dia. [mm]	Ø30H8
Clamp Method	Pneumatic
Allowable Work Inertia [kgm ²]	0.22
Clamp Torque [N · m]	150
Max. Spindle Speed [mm ⁻¹]	50
Gear Ratio [mm]	1/60
Repeatability Accuracy [sec.]	4
Indexing Accuracy [sec.]	30
Weight [kg]	35
Servo Motor [FANUC]	αiF2 / 5000

Allowable load	Horizontal [kg]		120
	Vertical [kg]		60
	F [kN]		8
Allowable cutting load	F x L [N-m]		350
	F x L [N-m]		150
Allowable Cutting Torque	[N-m]		180

4th axis NC Rotary Table



Application / Benefits

High Precision&High Speed Systems, Vertical & Horizontal available
Compact Design, Extremely Rigid Body
Realize High Clamping Force by applying Double Piston

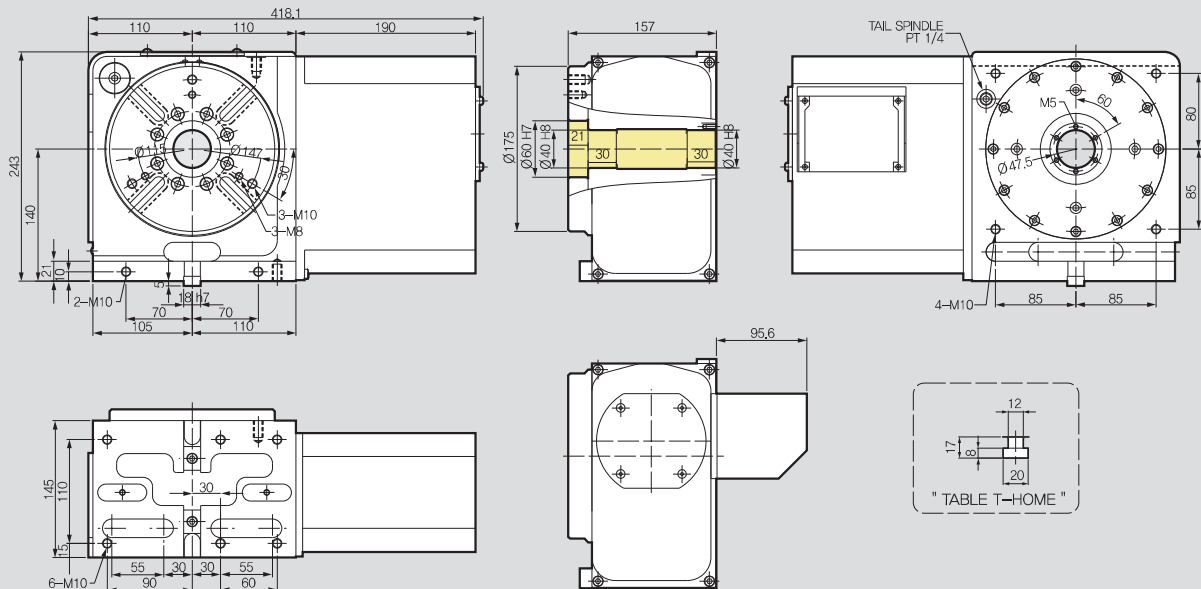
Model No.

S-170 F2

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



SPECIFICATIONS

Table Dia. [mm]	Ø175
Center Height [mm]	140
Resister Dia. On Face Plate	Ø60H7
Spindle Through Hole Dia. [mm]	Ø40H8
Clamp Method	Pneumatic
Allowable Work Inertia [kgm ²]	0.51
Clamp Torque [N · m]	380
Max. Spindle Speed [mm ⁻¹]	41.6
Gear Ratio [mm]	1/72
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	52
Servo Motor [FANUC]	αiF2 / 5000

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

S-200F4 4th axis NC Rotary Table



Application / Benefits

High Precision&High Speed Systems, Vertical & Horizontal available
Compact Design, Extremely Rigid Body
Realize High Clamping Force by applying Double Piston

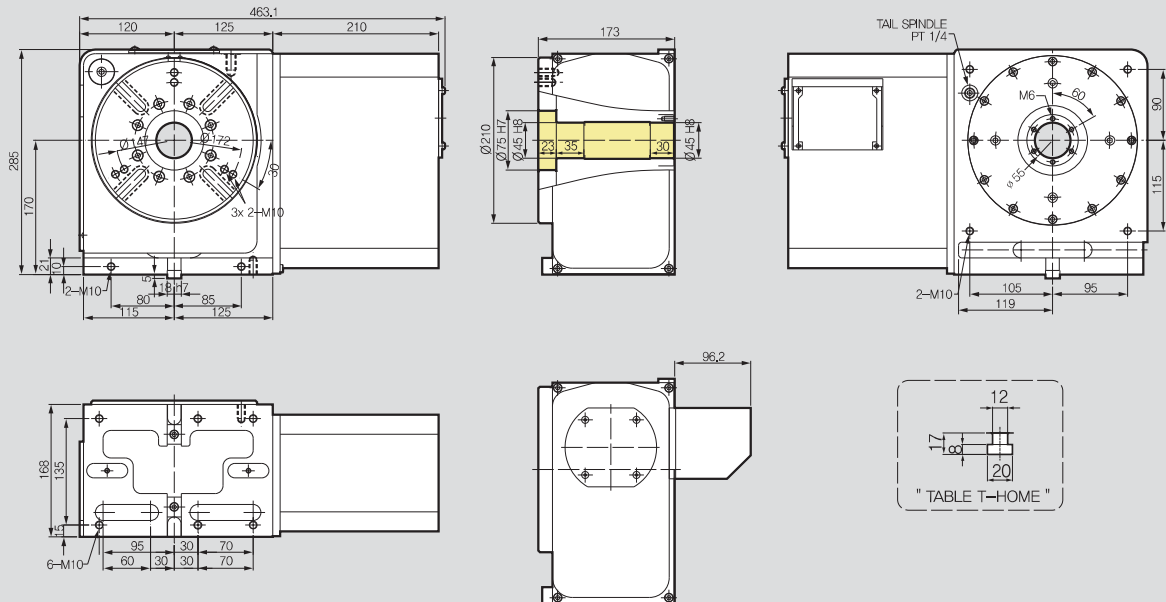
Model No.

S-200 F4

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



SPECIFICATIONS

Table Dia. [mm]	Ø210
Center Height [mm]	170
Resister Dia. On Face Plate	Ø75H7
Spindle Through Hole Dia. [mm]	Ø45H8
Clamp Method	Pneumatic
Allowable Work Inertia [kgm ²]	0.8
Clamp Torque [N · m]	480
Max. Spindle Speed [mm ⁻¹]	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
	F [kN]		17
Allowable cutting load	F x L [N-m]		1100
	F x L [N-m]		480
Allowable Cutting Torque	[N-m]		270

S-250F4 4th axis NC Rotary Table



Application / Benefits

High Precision & High Speed Systems, Vertical & Horizontal available
Compact Design, Extremely Rigid Body
Realize High Clamping Force by applying Double Piston

Model No.

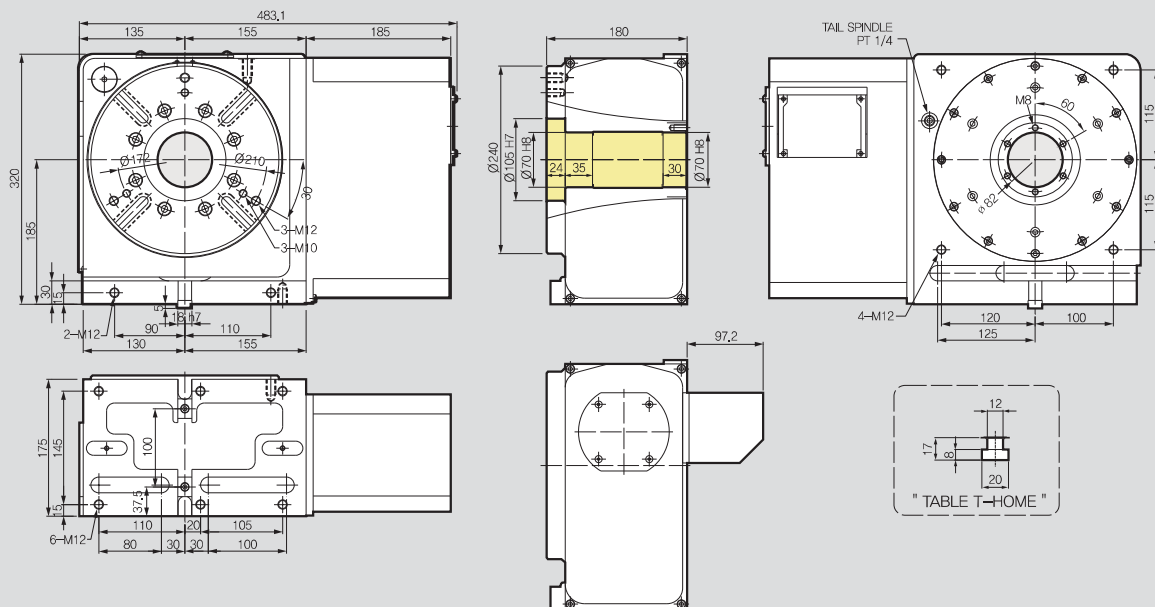
S-250 F4

— 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

S-250F4



SPECIFICATIONS

Table Dia. [mm]	Ø240
Center Height [mm]	185
Resister Dia. On Face Plate	Ø105H7
Spindle Through Hole Dia. [mm]	Ø70H8
Clamp Method	Pneumatic
Allowable Work Inertia [kgm ²]	1.95
Clamp Torque [N · m]	750
Max. Spindle Speed [mm ⁻¹]	33.3
Gear Ratio [mm]	1/90
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	100
Servo Motor [FANUC]	aiF4 / 4000

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

S-250F8 4th axis NC Rotary Table



Application / Benefits

High Precision&High Speed Systems, Vertical & Horizontal available
Compact Design, Extremely Rigid Body
Realize High Clamping Force by applying Double Piston

Model No.

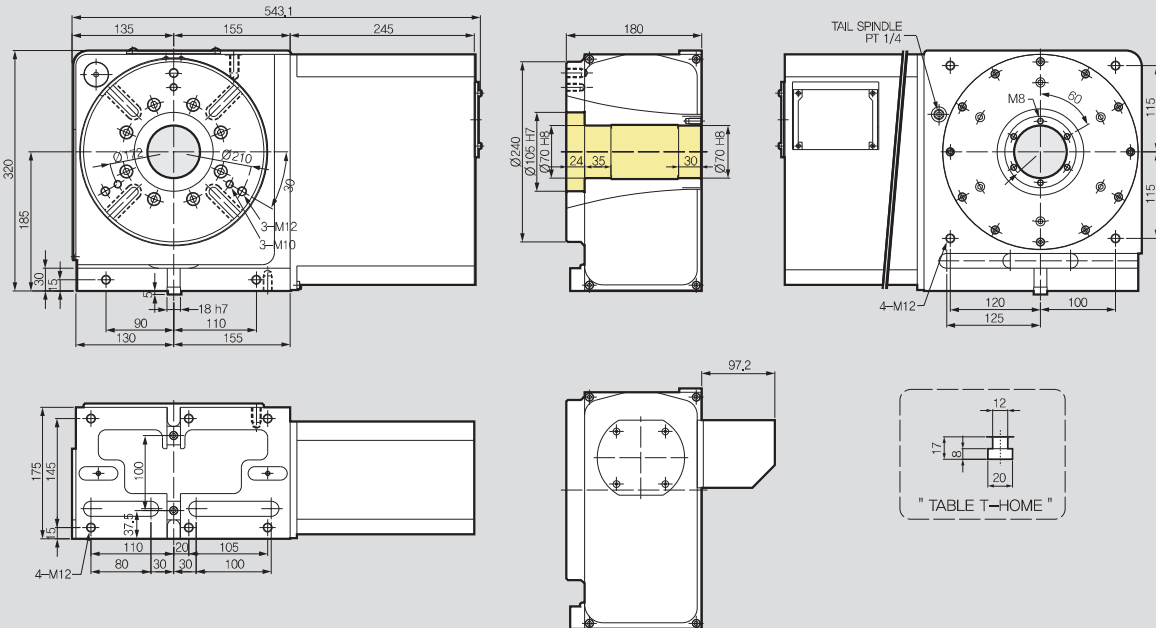
S-250 F8

— 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

S-250F8



SPECIFICATIONS

Table Dia. [mm]	Ø240
Center Height [mm]	185
Resister Dia. On Face Plate	Ø105H7
Spindle Through Hole Dia. [mm]	Ø70H8
Clamp Method	Pneumatic
Allowable Work Inertia [kgm ²]	3.12
Clamp Torque [N · m]	750
Max. Spindle Speed [mm ⁻¹]	33.3
Gear Ratio [mm]	1/90
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	106
Servo Motor [FANUC]	aiF8 / 3000

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

S-320F8 4th axis NC Rotary Table



Application / Benefits

High Precision&High Speed Systems, Vertical & Horizontal available
Compact Design, Extremely Rigid Body
Realize High Clamping Force by applying Double Piston

Model No.

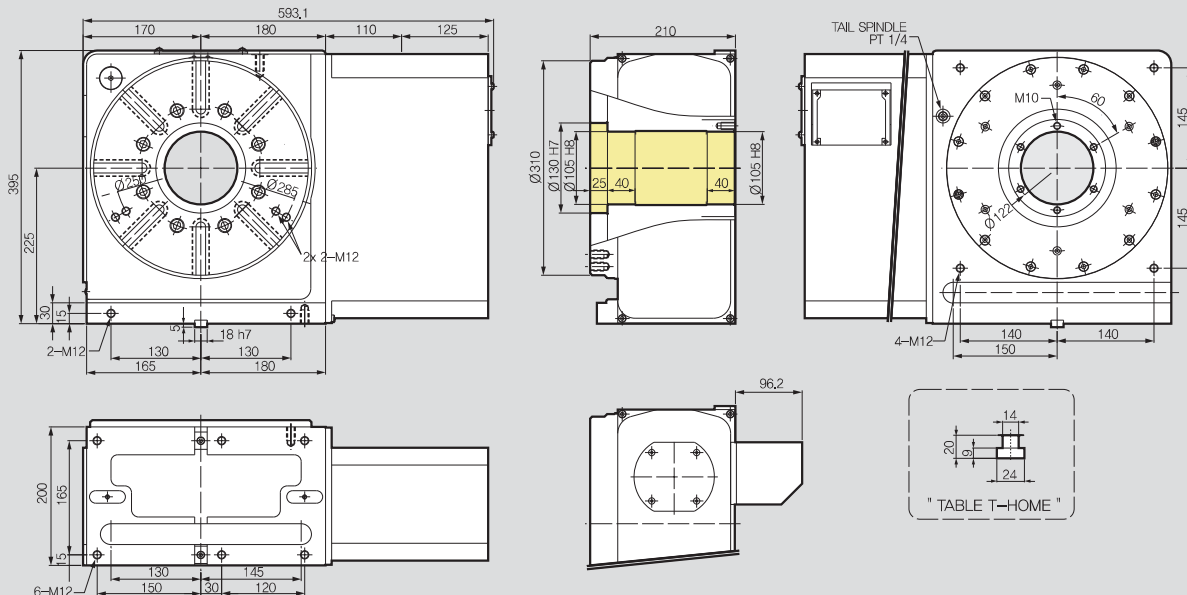
S-320 F8

Servo Motor Maker

- 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



SPECIFICATIONS

Table Dia. [mm]	Ø310
Center Height [mm]	225
Resister Dia. On Face Plate	Ø130H7
Spindle Through Hole Dia. [mm]	Ø105H8
Clamp Method	Pneumatic
Allowable Work Inertia [kgm ²]	4.49
Clamp Torque [N · m]	1440
Max. Spindle Speed [mm ⁻¹]	25
Gear Ratio [mm]	1/120
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	170
Servo Motor [FANUC]	αiF8 / 3000

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

S-430F22 4th axis NC Rotary Table (Big Bore Type)



Application / Benefits

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

Model No.

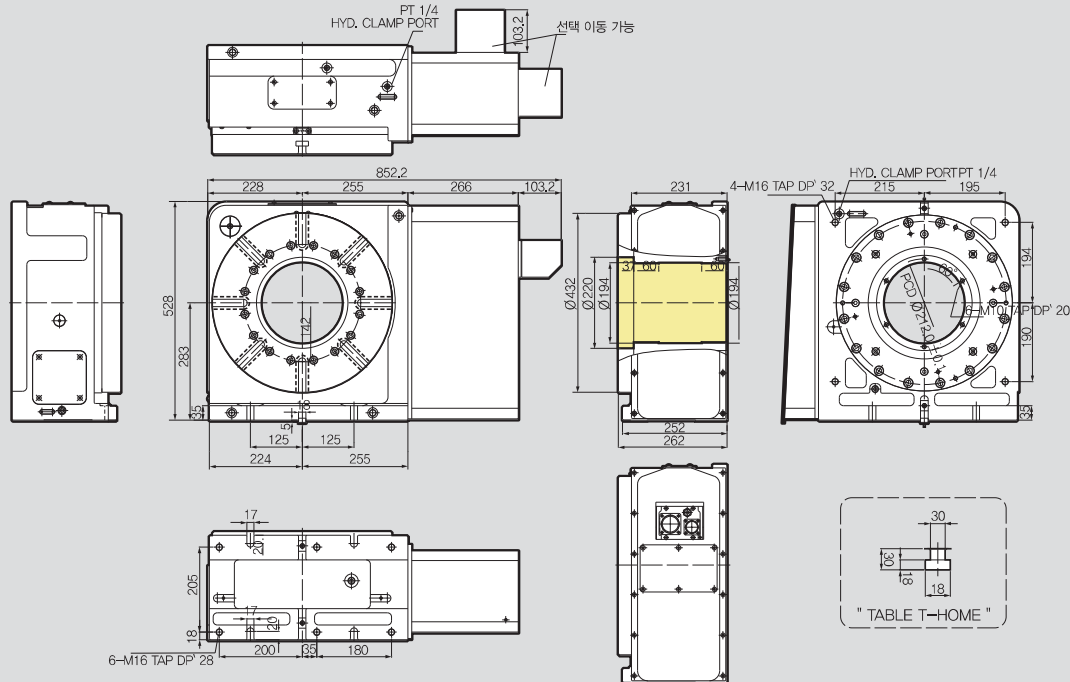
S-430 F22

— Servo Motor Maker
— Table Diameter
— TYPE : Single Spindle NC Rotary Table (Big Bore Type)

Servo Motor Maker

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

S-430F22



SPECIFICATIONS

Table Dia. [mm]	Ø432
Center Height [mm]	283
Resister Dia. On Face Plate	Ø220H7
Spindle Through Hole Dia. [mm]	Ø194H8
Clamp Method	Hydraulic Max. 35bar
Allowable Work Inertia [kgm²]	10.67
Clamp Torque [N · m]	2500
Max. Spindle Speed [mm ⁻¹]	25
Gear Ratio [mm]	1/120
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	350
Servo Motor [FANUC]	aif22 / 3000

Allowable load	Horizontal [kg]		500
	Vertical [kg]		250
Allowable cutting load	F [kN]		32
	F x L [N·m]		5000
Allowable Cutting Torque	F x L [N·m]		2500
	[N·m]		1700

S-515F22 4th axis NC Rotary Table (Big Bore Type)



Application / Benefits

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

Model No.

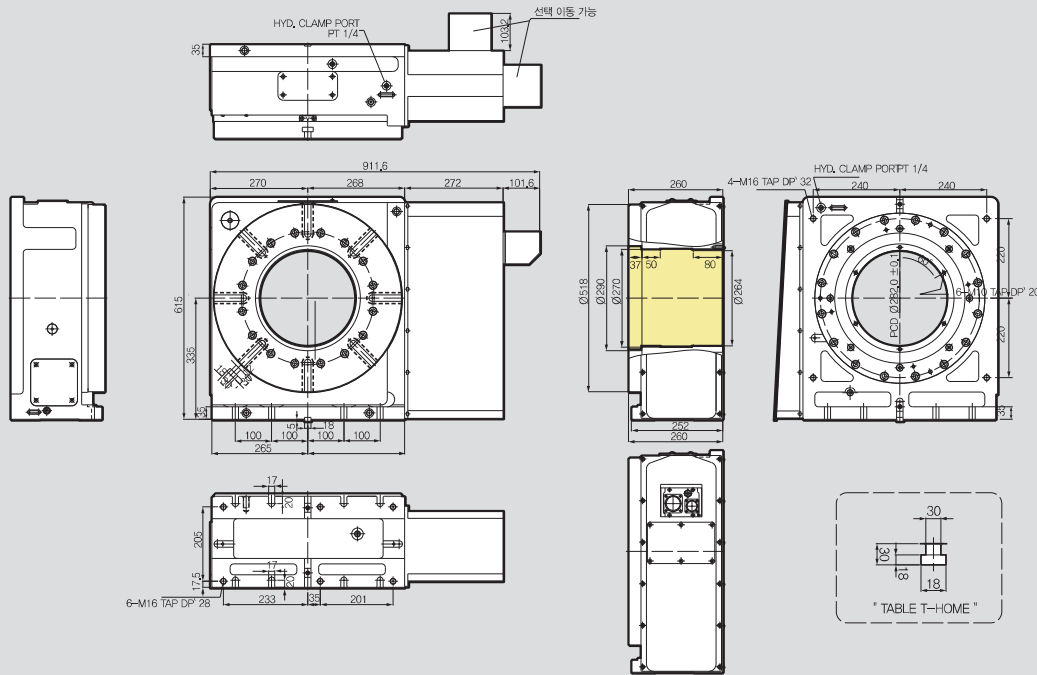
S-515 F22

— Servo Motor Maker
— Table Diameter
— TYPE : Single Spindle NC Rotary Table (Big Bore Type)

Servo Motor Maker

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

S-515F22



SPECIFICATIONS

Table Dia. [mm]	Ø518
Center Height [mm]	335
Resister Dia. On Face Plate	Ø290H7
Spindle Through Hole Dia. [mm]	Ø264H8
Clamp Method	Hydraulic Max. 35bar
Allowable Work Inertia [kgm ²]	19.97
Clamp Torque [N · m]	3200
Max. Spindle Speed [mm ⁻¹]	25
Gear Ratio [mm]	1/120
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	430
Servo Motor [FANUC]	αiF22 / 3000

Allowable load	Horizontal [kg]		600
	Vertical [kg]		300
Allowable cutting load	F [kN]		50
	F x L [N·m]		8000
Allowable Cutting Torque	F x L [N·m]		3200
	[N·m]		2600

S-650F22 4th axis NC Rotary Table (Big Bore Type)



Application / Benefits

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

Model No.

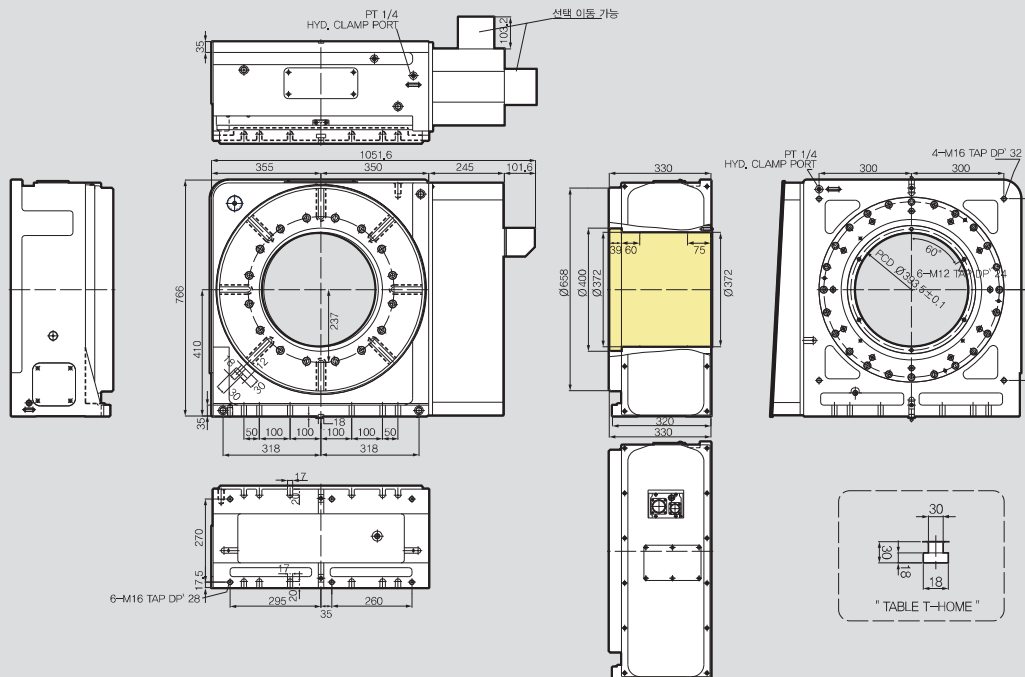
S-650 F22

— Servo Motor Maker
— Table Diameter
— TYPE : Single Spindle NC Rotary Table (Big Bore Type)

Servo Motor Maker

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

S-650F22



SPECIFICATIONS

Table Dia. [mm]	Ø656
Center Height [mm]	410
Resister Dia. On Face Plate	Ø400H7
Spindle Through Hole Dia. [mm]	Ø372H8
Clamp Method	Hydraulic Max. 35bar
Allowable Work Inertia [kgm²]	33.07
Clamp Torque [N · m]	4000
Max. Spindle Speed [mm⁻¹]	25
Gear Ratio [mm]	1/120
Repeatability Accuracy [sec]	4
Indexing Accuracy [sec]	20
Weight [kg]	750
Servo Motor [FANUC]	αiF22 / 3000

Allowable load	Horizontal [kg]		1000
	Vertical [kg]		400
Allowable cutting load	F [kN]		70
	F x L [N·m]		10000
	F x L [N·m]		4000
	Allowable Cutting Torque [N·m]		5000