

Technical for fitting servomotor Information

FANUC	$\alpha 2$	$\alpha 3 / \alpha 4$	$\alpha 6 / \alpha 8$	$\alpha 12$	$\alpha 22$
	$\alpha iF2 / 5000$	$\alpha iF4 / 4000$	$\alpha iF8 / 3000$	$\alpha iF12 / 3000$	$\alpha iF22 / 3000$
	$\alpha iS2 / 5000$	$\alpha iS4 / 4000$	$\alpha iS8 / 3000$	$\alpha iS12 / 4000$	$\alpha iS22 / 4000$
MITSUBISHI	HA-33NC-TS	HA-40NC-S	HA-80NC-S	HA-100NC-S	HA-200NC-S
	HF-75T	HF-54T	HF-104T	HF-204S	HF-354S
	HF-44T	HF-53T	HF-103T	HF-203S	HF-353S
	X	HC-SF102	HC-SF152	HC-SF202	HC-SF352
SIEMENS	1FK6042	1FK6060	1FK6063	1FK6083	1FK6101/6103
	1FK7042	1FK7060	1FK7063	1FK7083	1FK7101/ 7103
HEIDENHAIN	QSY-96G	QSY116C	QSY116E	QSY155B	QSY155D
FAGOR	FXM31	FXM32	FXM34	FXM54	FXM73
	FKM22	FKM42	FKM44	FKM64	FKM66

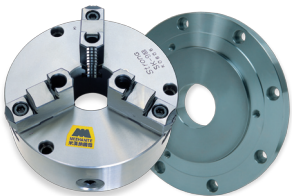
※ If you have any other requirement, please contact us to get detail information.

Encoder-Heidenhain

	$\pm 5''$	$\pm 2''$	$\pm 1''$
	ROD 270, ROD 280 RON 275, RON 285 RCN 223F, RCN 223M RCN 226	ROD 780 RON 785 RCN 72X	ROD 880 RON 886 RCN 82X

Accessories

3-Jaw Manual Power Chuck with sub Plate

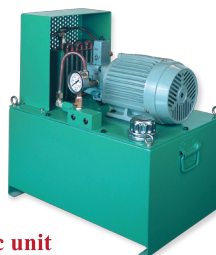
	Manual Chuck			Suitable model			
	Model	Size	Sub Plate	TRT	NCT	HC	CT-V
	SC-5	5"	⊙		NCT-125		
	SK-6	6"	⊙	TRT-170	NCT-170		
	SK-7	7"	⊙		NCT-200	HC-200	CT-200V
	SK-8	8"	⊙	TRT-250	NCT-250	HC-250	CT-250V
	SK-10	10"	⊙	TRT-320	NCT-320	HC-320	CT-320V
	SK-12	12"	⊙	TRT-450	NCT-400, 500	HC-450, 500	

※ Other requirement, please contact us.



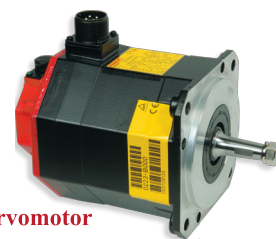
PHC (Air boost)

Pneumatic source 5~8 kg/cm²
Solenoid valve 24V or
AC 110V/220V



Hydraulic unit

1HP x 4P, 12 liter / min, 40L
2HP x 4P, 30 liter / min, 70L

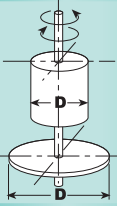


Servomotor

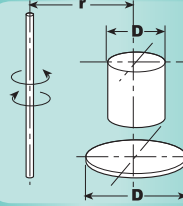
(FANUC, MITSUBISHI,....)

Reference Date of Technological Information

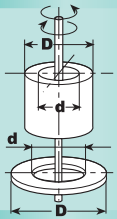
Calculation Instant Inertia Formula



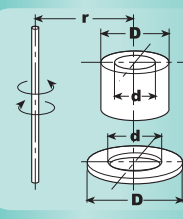
$$J = \frac{D^2}{8} \times m$$



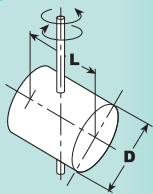
$$J = \left(\frac{D^2}{8} + r^2 \right) \times m$$



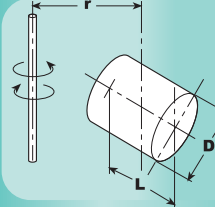
$$J = \frac{D^2 + d^2}{8} \times m$$



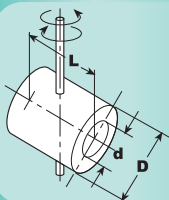
$$J = \left(\frac{D^2 + d^2}{8} + r^2 \right) \times m$$



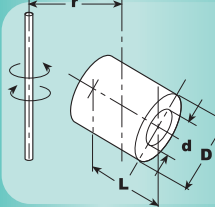
$$J = \left(\frac{L^2}{12} + \frac{D^2}{16} \right) \times m$$



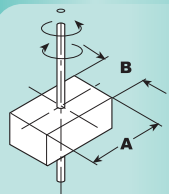
$$J = \left(\frac{L^2}{12} + \frac{D^2}{16} + r^2 \right) \times m$$



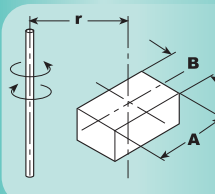
$$J = \left(\frac{L^2}{12} + \frac{D^2}{16} \right) \times m$$



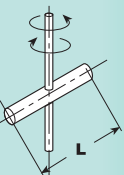
$$J = \left(\frac{L^2}{12} + \frac{D^2 + d^2}{16} + r^2 \right) \times m$$



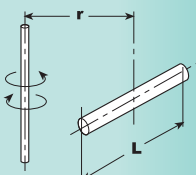
$$J = \frac{A^2 + B^2}{12} \times m$$



$$J = \left(\frac{A^2 + B^2}{12} + r^2 \right) \times m$$



$$J = \frac{L^2}{12} \times m$$



$$J = \left(\frac{L^2}{12} + r^2 \right) \times m$$

Unit for Calculation

$$J = WR^2 = \text{kg} \cdot \text{m}^2$$

$$m = \text{kg}$$

$$A, B, D, L, d, r = \text{m (meter)}$$

Materials specification Gravity (S)

Cast Copper : 8.6

Steel Material : 7.8

Cast Iron : 7.5

Aluminum : 2.8