SUG!no

Aluminum

 \square

Compact, light-weight pneumatically-operated drilling units

SELFEEDER ELECTRIC

SSE3C

Slim cylindrical type with

concentric rotary drive shaft and spindle.

Ideal for space-saving parallel arrangement.

The ES3C type has been renewed

by replacing induction motor with a PM motor.



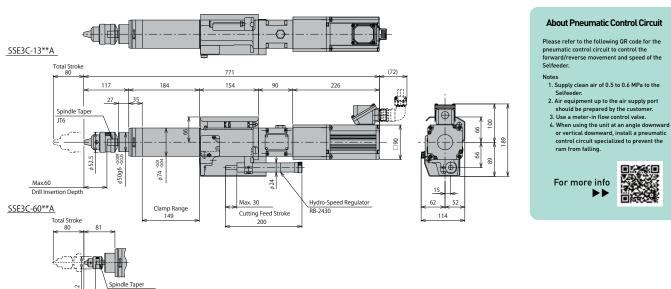
Specifications

																				Supply a	air pres	sure at 0.	5 MPa
Specifications	No-load rotation speed 50~120 Hz	Spindle Torque	Chucking capacity	Drilling Capacity									Stroke		Motor Specifications				Air				
				1-SP		2-SP		3-SP		4-SP		Total stroke	Cutting feed stroke	Rated Power	Rated Rotational Speed Current		Consump tion	Weight					
Model number	min-1	N•m	mm	Aluminium (ADC12)	Cast iron (FC200)	Steel (S45C)	Aluminium (ADC12)	Cast iron (FC200)	Steel (S45C)	Aluminium (ADC12)	Cast iron (FC200)	Steel (S45C)	Aluminium (ADC12)		Steel (S45C)	mm	mm	kW	min ⁻¹	A	N	L/Stroke	kg
SSE3C-6036A	1,500~3,600	1,500~3,000min ⁻¹ (Rated Torque) : 0.64 Over 3,000~3,600min ⁻¹ (Rated Power)	6.5	5	2.5	2	4	2.5	2	3	2	2	-	-	-								
SSE3C-6026A	1,100~2,640	1,100~2,200min ⁻¹ [Rated Torque] : 0.87 Over 2,200~2,640min ⁻¹ [Rated Power]	0.5	6	3.5	3	4.5	3.5	3	3.5	2.5	2	-	-	-								
SSE3C-1317A	700~1,680	700~1,400min ⁻¹ (Rated Torque):1.37 Over 1,400~1,680min ⁻¹ (Rated Power)		7	5.5	5	5	4	3.5	4	3.5	3	3	2.5	2	80	0-30	0.2	3000 (100Hz)	1.1	980	3~4	16
SSE3C-1311A	460~1,100	460~920min ^{.1} [Rated Torque] : 2.09 Over 920~1,100min ^{.1} [Rated Power]	13	8	7	6	6	5	4	4.5	4	3.5	4	3.5	3								
SSE3C-1306A	275~660	275~550min ⁻¹ (Rated Torque) : 3.50 Over 550~660min ⁻¹ (Rated Power)	1	10	8.5	8	8	6	5	6	5	4	5	4	3.5								

Notes

Johes election of models should be based on the shape of the work, material, cutting characteristics, diameter and material of tools, rotational speed (cutting speed), etc.
The selection of models should be based on the shape of the work, material, cutting characteristics, diameter and material of tools, rotational speed (cutting speed), etc.
The standard attachment for the Hydro Speed Regulator is RB-2430. Please specify an optional Hydro Speed Regulator if required.
[Optional Hydro Speed Regulator Models: RB-2460, R-2462A, R-2462A]
Adake sure to use a collet chuck or spindle nose when the hardness of carbide drills and tool shanks is higher than that of general HSS (high-speed steel) drills.
Valveless specification is standard. If you require valve block specification (former standard specification), please order valve block ass'y separately. (Replacement to be made by customer)

Dimensions (mm)



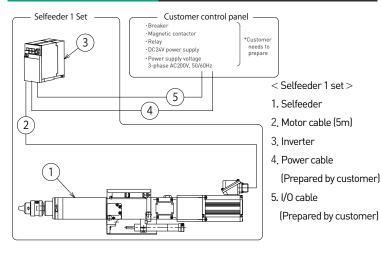
φ32 IT1 M A X.30 Drill Inserti n Denth



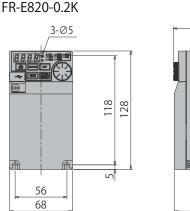
Steel

(f)

Configuration diagram



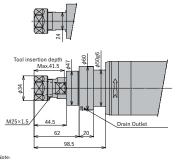
Inverter





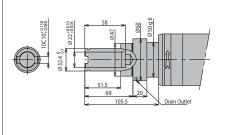
Tip shape

Collet chuck / spindle nose (option) Model No.: ER20 or equivalent (chucking range ϕ 1 to ϕ 13)



ue: Detailed dimensions of spindle tip are as recommended for REGO-FIX ER collets. Collet, collet nut, and wrench are not included. Please order separately. When installing the Selfeeder <Electric> horizontally, the drain outlet must face downwards.

■Adjustable Spindle Nose (option) Model No.: KH-22E



Note: 1. Detailed dimensions of spindle nose are as recommended by NT Tool Co. 2. KH-E type spindle nose is applicable to NT Tool's quick-change stub holders KH-A (KH-E type. 3. Adjustable spindle nose is not applicable for Selfeeder «Electric» with no-load rotation speed exceeding 5,00min". 4. When installing the Selfeeder «Electric» horizontally, the drain outlet must face downwards.

I/O Signal Specifications

I/0	Signal	Name							
	STF	Spindle ON							
	STR	Unused							
	RH	Multi-step spd (1 to 15 spd) Freq set range 50 to 120Hz							
Input	RM								
input	RL	Can be set in 5Hz increments							
	MRS (REX)	IN SHZ INCREMENTS							
	RES	Reset							
	А	Abnormal Output(Relay) Normally-open contact							
Output	В	Abnormal Output(Relay) Normally-closed contact							
	RUN	In operation							
	FU	Freq detection							

Option

Hydro-speed regulator

A hydraulic feed speed control unit that can adjust the feed rate of an air cylinder to any desired speed. For details, please refer to our web page.



Operate Signal Kit

This kit is designed to accurately detect the operation of a Selfeeder and control synchronized operation with other devices. For details, please refer to our web page.



Multi-spindle head

Various multi-spindle heads are available. For details, please refer to our web page.



For more information about our products, please visit our website.





SUGINO MACHINE LIMITED www.sugino.com

Olinas Tower Bldg., 8th floor, 4-1-3 Taihei, Sumida-ku, Tokyo, 130-0012 JAPAN TEL +81-3-5619-5760 FAX +81-3-5619-5765 ⊠ export@sugino.com

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