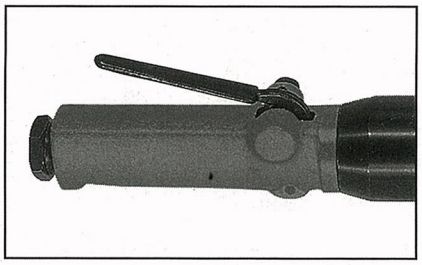
Fuji USER MANUAL

STRAIGHT GRINDERS

MODELS : FG-6H-1, -1M



FG-6H-1



FG-6H-1M

SPECIFICATIONS

Model	Max. Dia. (Grinding Wheel)		Rotational Frequency	Spindle Thread Size	Overall Length		Mass		Max. Air Consumption		Air Inlet Thread Size	Air Hose Size	
	mm	in	min^{-1}		mm	in	kg	lb	m^3/min	ft^3/min		mm	in
FG-6H-1	150×25×15.8	6×1×5/8	6,300	5/8-11UNC	434	17 3/32	3.5	7.7	1.20	42.4	Rc or NPT 3/8	12.7	1/2
FG-6H-1M	150×25×15.8	6×1×5/8	6,300	5/8-11UNC	531	20 7/8	3.5	7.7	1.20	42.4	Rc or NPT 3/8	12.7	1/2

The performance figures are at 0.63MPa (6.3bar).

⚠ Refer to "The Instructions and Warning for Safety Use" enclosed in each tool box.

Fuji Industrial Technique Co.,Ltd.

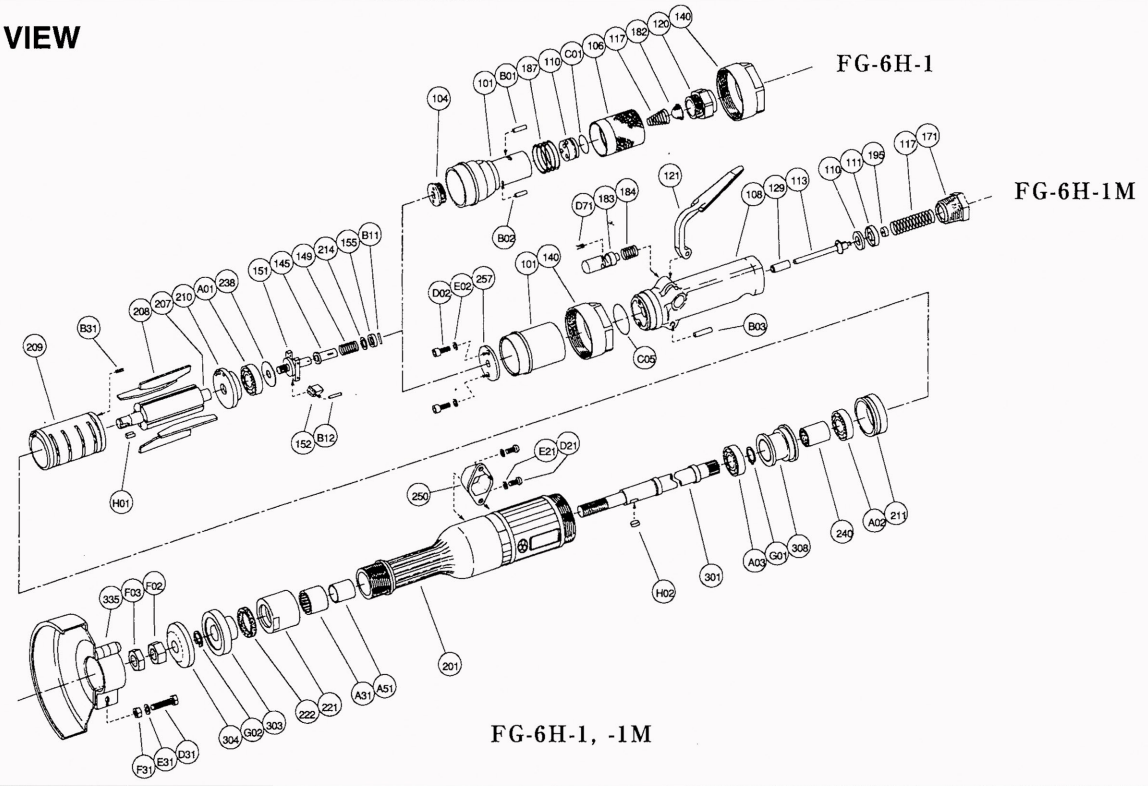
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

Tel : 81-6-6972-2335
Fax : 81-6-6972-2380

Specifications are subject to change without notice.

MODELS : FG-6H-1, -1M

EXPLODED VIEW



FG-6H-1, -1M

PARTS LIST

Index No.	Parts No.	Parts Name	Qty
		FG-6H-1	
———	**G-153001-00**	**Housing Cover Ass'y 〈Rc〉**	
———	**G-153001-02**	**Housing Cover Ass'y 〈NPT〉**	
101	G-153101-00	Housing Cover	1
104	A-077104-01	Bushing	1
106	A-077106-03	Throttle Valve Handle	1
110	A-077110-00	Throttle Valve	1
117	A-077117-00	Throttle Valve Spring	1
120	A-077120-00	Throttle Valve Cover 〈Rc〉	1
	A-077120-01	Throttle Valve Cover 〈NPT〉	1
182	W-057182-00	Strainer	1
187	A-077187-01	Throttle Valve Handle Spring	1
B01	NR-415	Needle Roller	1
B02	NR-412.8	Needle Roller	1
C01	O-S22	"O" Ring	1
		FG-6H-1M	
———	**G-153001-01**	**Housing Cover Ass'y 〈Rc〉**	
———	**G-153001-03**	**Housing Cover Ass'y 〈NPT〉**	
101	G-153101-01	Housing Cover	1
140	G-153140-00	Cup Nut	1
257	A-109257-00	Washer	1
C05	O-S34	"O" Ring	1
D02	CS-518	Cap Screw	2
E02	SW-5	Spring Washer	2
———	**A-096003-00**	**Throttle Valve Body Ass'y 〈Rc〉**	
———	**A-096003-03**	**Throttle Valve Body Ass'y 〈NPT〉**	
108	A-096108-00	Throttle Valve Body	1
(129)	A-078129-00	Throttle Valve Rod Bushing	1
117	A-078117-01	Throttle Valve Spring	1
121	A-078121-00	Throttle Valve Lever	1
171	IB-6N30S0	Inlet Bushing 〈Rc〉	1
	IB-6N3NS0	Inlet Bushing 〈NPT〉	1
183	A-078183-01	Lock Key	1
184	A-078184-00	Lock Spring	1
B03	GP-520GCH	Grooved Pin	1
D71	SS-48	Set Screw	1
———	**A-078008-00**	**Throttle Valve Rod Ass'y**	
110	A-078110-01	Throttle Valve	1
111	A-078111-01	Throttle Valve Washer	1
113	A-078113-01	Throttle Valve Rod	1
195	W-080195-00	Sub Throttle Valve	1
		FG-6H-1, -1M	
———	**A-193010-02**	**Governor Weight Ass'y**	
151	A-193151-00	Governor Cage	1
152	G-154152-00	Governor Weight	2
B12	GP-2.524GCH	Grooved Pin	2

☐ The related parts are shown in a thick frame.
☐ The quantity of #214 is different according to the adjustment.

Index No.	Parts No.	Parts Name	Qty
140	G-153140-00	Cup Nut 〈for FG-6H-1〉	1
145	A-077145-00	Governor Valve	1
149	A-084149-00	Governor Valve Spring	1
155	A-069155-00	Governor Valve Spring Holder	1
201	G-153201-00	Housing	1
207	A-109207-00	Rotor	1
208	A-109208-00	Rotor Blade	4
209	A-077209-00	Cylinder	1
(B31)	SP-38	Spring Pin	1
210	A-109210-00	Cylinder Upper Plate	1
211	A-109211-00	Cylinder Lower Plate	1
214	A-069214-00	Adjusting Washer (T=0.2)	(1)
	A-069214-01	Adjusting Washer (T=0.3)	(1)
	A-069214-02	Adjusting Washer (T=0.5)	(1)
221	G-044221-00	Spindle Bearing Cover	1
222	G-044222-00	Felt Ring	1
238	A-109238-00	Bearing Cover 〈B〉	1
240	G-152240-00	Coupling	1
250	G-152250-00	Exhaust Cover	1
301	G-153301-00	Wheel Spindle	1
303	G-153303-01	Wheel Flange 〈A〉	1
304	G-153304-03	Wheel Flange 〈B〉	1
308	G-152308-00	Spacer	1
335	G-045335-00	Wheel Guard	1
(D31)	HS-625	Hexagon Bolt	1
(E31)	SW-6	Spring Washer	1
(F31)	N-6	Nut	1
A01	BB-6002MN	Ball Bearing	1
A02	BB-6301	Ball Bearing	1
A03	BB-6202	Ball Bearing	1
A31	NB-HK2020	Needle Bearing	1
A51	IR-172020.5	Inner Race	1
B11	NR-2.515.8	Needle Roller	1
D21	CS-510B	Cap Screw	2
E21	SW-5	Spring Washer	2
F02	N-U 5/8	Nut	1
F03	N-U 5/8 (3)	Nut	1
G01	SR-S15	Snap Ring	1
G02	SR-S16	Snap Ring	1
H01	K-4410F	Key	1
H02	K-4410	Key	1

☐ #108, 209, and 335 are supplied together with parts shown in ( ).
☐ Specify parts number and quantity when ordering.

■ Standard Accessory

AC No.	Description	Qty
F-125	Open-End Wrench	1