

Fuji USER MANUAL

EXTENDED GRINDERS

MODELS : FG-3HL-1,-1F



FG-3HL-1



FG-3HL-1F

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							mm
FG-3HL-1	65×13×9.53	12,000	W3/8-16	522	1.9	0.55	PT or NPT 3/8	9.5
FG-3HL-1F	65×13×9.53	12,000	W3/8-16	547	1.9	0.55	PT or NPT 3/8	9.5

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.

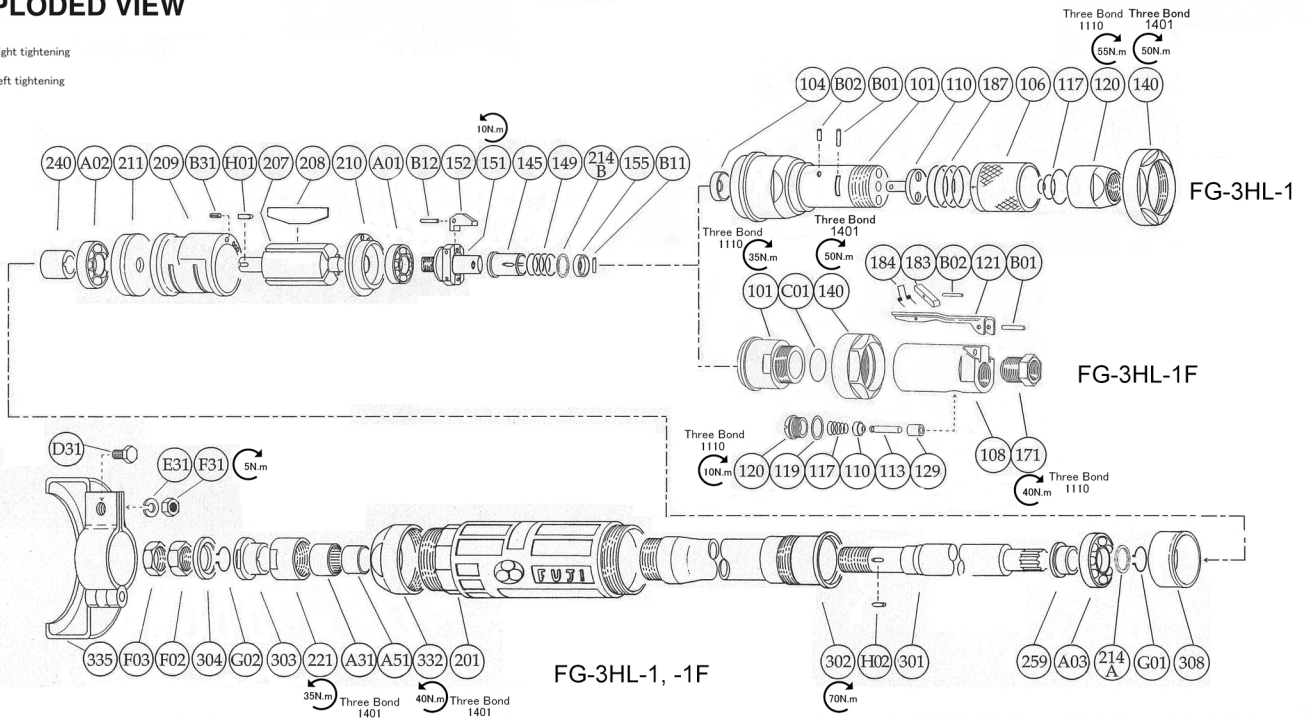
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MODELS : FG-3HL-1 , -1F

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qty
FG-3HL-1			
—	G-101001-00	Housing Cover Ass'y <PT>	
—	G-101001-01	Housing Cover Ass'y <NPT>	
101	G-101001-50	Housing Cover	1
(104)	G-101104-00	Bushing	1
106	G-042106-04	Throttle Valve Handle	1
110	G-042110-00	Throttle Valve	1
117	G-042117-00	Throttle Valve Spring	1
120	G-042120-00	Throttle Valve Cover <PT>	1
	G-042120-F	Throttle Valve Cover <NPT>	1
187	G-042187-00	Throttle Valve Handle Spring	1
B01	NR-316.8	Needle Roller	1
B02	NR-39.8	Needle Roller	1
—	A-107010-00	Governor Weight Ass'y	
151	A-107151-01	Governor Cage	1
152	A-010152-00	Governor Weight	2
B12	GP-2.516GCH	Grooved Pin	2
FG-3HL-1F			
—	A-107001-00	Housing Cover Ass'y <PT>	
—	A-107001-01	Housing Cover Ass'y <NPT>	
101	G-161101-00	Housing Cover	1
140	G-101140-00	Cup Nut	1
C01	O-S26	"O" Ring	1
—	A-107003-00	Throttle Valve Body Ass'y <PT>	
—	A-107003-01	Throttle Valve Body Ass'y <NPT>	
108	A-107003-50	Throttle Valve Body	1
(129)	H-014129-00	Throttle Valve Rod Bushing	1
110	H-001110-02	Throttle Valve	1
113	G-028113-00	Throttle Valve Rod	1
117	D-001117-00	Throttle Valve Spring	1
119	G-028119-00	Throttle Valve Cover Packing	1
120	G-028120-00	Throttle Valve Cover	1
171	IB-4030S0	Inlet Bushing <PT>	1
	IB-403NS0	Inlet Bushing <NPT>	1
B01	SP-320	Spring Pin	1
—	G-144019-01	Lock Lever Ass'y	
121	G-144121-02	Throttle Valve Lever	1
183	G-144183-02	Lock Key	1
184	G-144184-00	Lock Spring	1
B02	SP-218	Spring Pin	1

□ The related parts are shown in the thick frame.

□ #101, 108, 209 and 335 are supplied together with parts shown in ().

□ The quantity of #214 is changed according to the adjustment.

□ Specify parts number and quantity when ordering.

Index No.	Parts No.	Parts Name	Qty
—	A-107010-00	Governor Weight Ass'y	
151	A-107151-01	Governor Cage	1
152	A-010152-00	Governor Weight	2
B12	GP-2.516GCH	Grooved Pin	2
FG-3HL-1, -1F			
140	G-101140-00	Cup Nut <for FG-3HL-1>	1
145	A-065145-00	Governor Valve	1
149	G-063149-01	Governor Valve Spring <for FG-3HL-1>	1
	G-087149-00	Governor Valve Spring <for FG-3HL-1F>	1
155	A-065155-00	Governor Valve Spring Holder	1
201	G-165201-00	Housing	1
207	A-107207-00	Rotor	1
208	G-103208-00	Rotor Blade	4
209	G-161209-00	Cylinder	1
(B31)	SP-26	Spring Pin	1
210	A-107210-00	Cylinder Upper Plate	1
211	A-107211-00	Cylinder Lower Plate	1
214A	A-065214-02	Adjusting Washer (T=0.5)	1
214B	A-065214-00	Adjusting Washer (T=0.2) <for FG-3HL-1>	(1)
	A-065214-01	Adjusting Washer (T=0.3) <for FG-3HL-1>	(1)
	A-065214-02	Adjusting Washer (T=0.5) <for FG-3HL-1>	(1)
221	G-165221-00	Spindle Bearing Cover	1
240	G-161240-00	Coupling	1
259	G-165259-00	Inner Race	1
301	G-165301-00	Wheel Spindle	1
302	G-111302-00	Wheel Spindle Case	1
303	G-161303-03	Wheel Flange <A>	1
304	G-161304-05	Wheel Flange 	1
308	G-161308-00	Spacer	1
332	G-111332-00	Lock Nut	1
335	G-165335-00	Wheel Guard	1
(D31)	HS-625	Hexagon Bolt	1
(E31)	SW-6	Spring Washer	1
(F31)	N-6	Nut	1
A01	BB-609MN	Ball Bearing	1
A02	BB-6200	Ball Bearing	1
A03	BB-6201	Ball Bearing	1
A31	NB-HK1312	Needle Bearing	1
A51	IR-101312.5	Inner Race	1
B11	NR-211.8	Needle Roller	1
F02	N-W3/8	Nut	1
F03	N-W3/8(3)	Nut	1
G01	SR-S9	Snap Ring	1
G02	SR-SA10	Snap Ring	1
H01	K-338F	Key	1
H02	K-338	Key	1

■ Standard Accessory

AC No.	Description	Qty
F-117	21mm Open-End Wrench	1