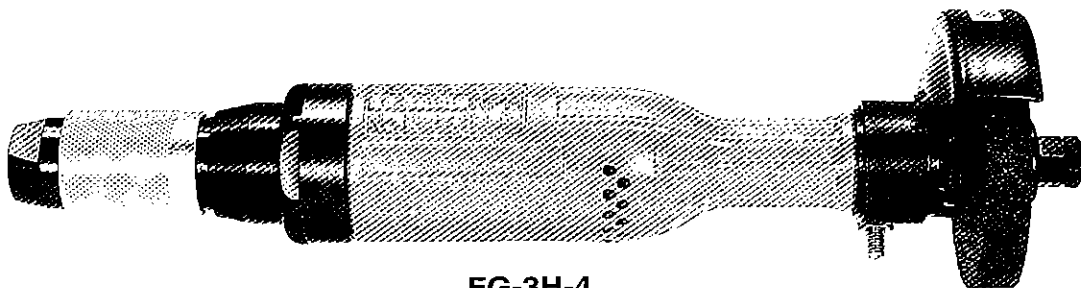




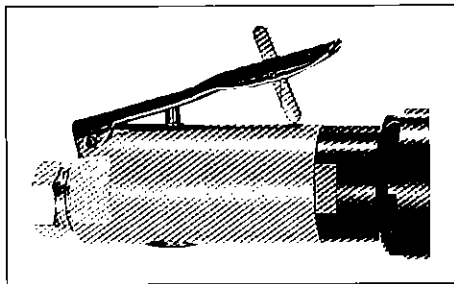
USER MANUAL

— STRAIGHT GRINDERS —

MODELS : FG-3H-4, -4F



FG-3H-4



FG-3H-4F

SPECIFICATIONS

Model	Capacity (Grinding Wheel)		Free Speed min ⁻¹	Spindle Thread Size in	Overall Length		Mass		Max. Air Consumption		Air Inlet Thread Size in	Air Hose Size	
	mm	in			mm	in	kg	lb	Nm ² /min	Nft ² /min		mm	in
FG-3H-4	75×13×9.53	3×1/2×3/8	12700	3/8-24	317	12 31/64	1.5	3.3	0.55	19.4	PTorNPT 3/8	9.5	3/8
FG-3H-4F	75×13×9.53	3×1/2×3/8	12700	3/8-24	342	13 15/32	1.7	3.7	0.55	19.4	PTorNPT 3/8	9.5	3/8

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



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

FUJI AIR TOOLS CO., LTD.

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

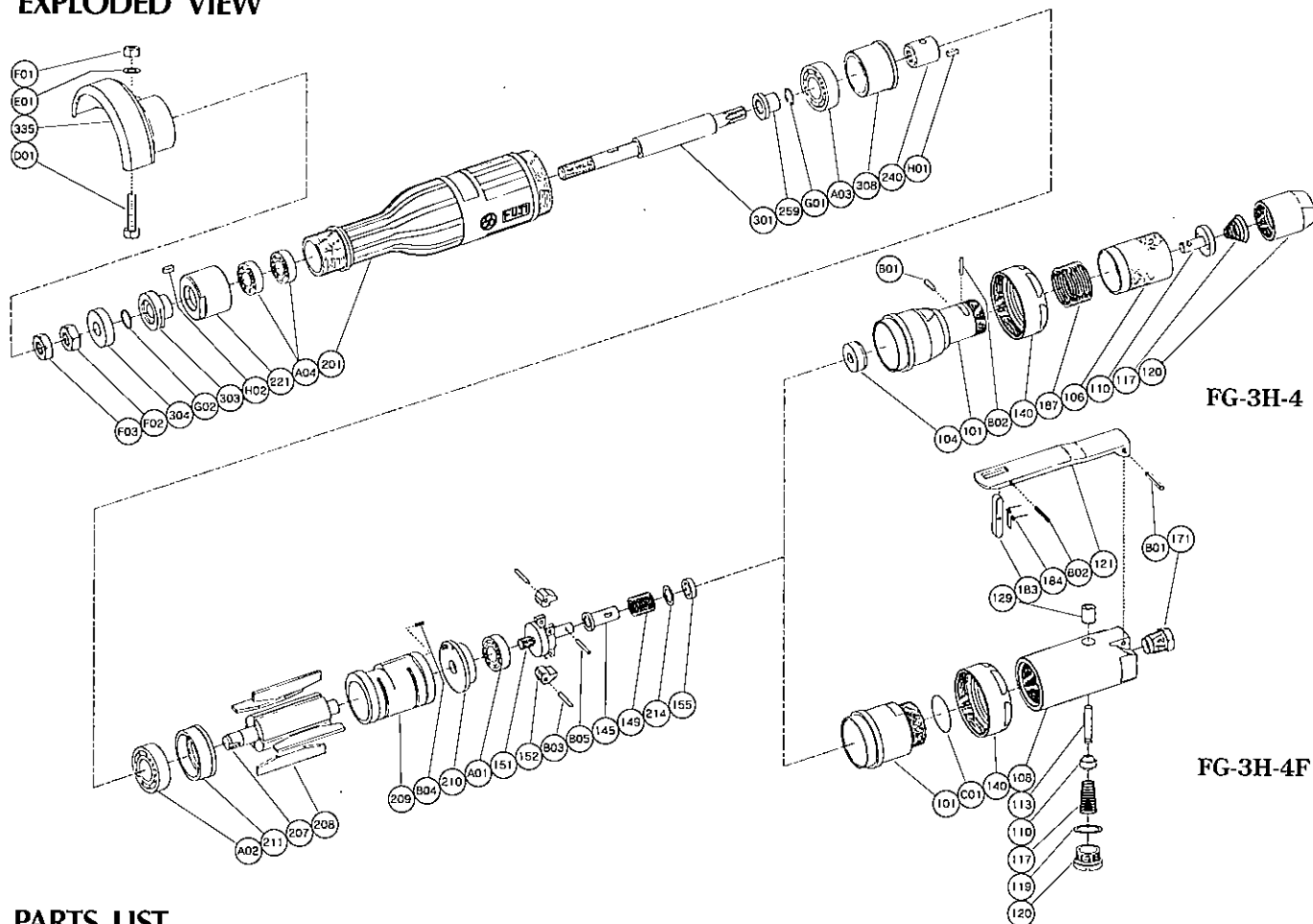
Tel : (06) 6972-2335

Fax : (06) 6972-2250



PARTS LIST MODEL: FG-3H-4, -4F

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.
FG-3H-4				171	IB-4030S0	Inlet Bushing <PT>	1	214	A-065214-01	Adjusting Washer <T=0.3>	1
CP No.	G-101001-00	Housing Cover C.P		171	IB-403NS0	Inlet Bushing <NPT>	1	214	A-065214-02	Adjusting Washer <T=0.5>	1
101	G-101001-50	Housing Cover	1	B01	SP-320	Spring Pin	1	221	G-161221-00	Spindle Bearing Cover	1
(104)	G-101104-00	Bushing	1	CP No.	G-144019-01	Lock Lever C.P		240	G-161240-00	Coupling	1
106	G-042106-04	Throttle Valve Handle	1	121	G-144121-02	Throttle Valve Lever	1	259	G-161259-00	Inner Race	1
110	G-042110-00	Throttle Valve	1	183	G-144183-02	Lock Key	1	301	G-161301-01	Wheel Spindle	1
117	G-042117-00	Throttle Valve Spring	1	184	G-144184-00	Lock Spring	1	303	G-161303-03	Wheel Flange <A>	1
120	G-042120-00	Throttle Valve Cover <PT>	1	B02	SP-218	Spring Pin	1	304	G-161304-05	Wheel Flange 	1
120	G-042120-F	Throttle Valve Cover <NPT>	1	FG-3H-4, -4F				308	G-161308-00	Spacer	1
187	G-042187-00	Throttle Valve Handle Spring	1	CP No.	A-107010-00	Governor Weight C.P		335	G-161335-01	Wheel Guard	1
B01	NR-310	Needle Roller	1	151	A-107151-01	Governor Cage	1	(D01)	HS-625	Hexagon Bolt	1
B02	NR-316.8	Needle Roller	1	152	A-010152-00	Governor Weight	2	(E01)	SW-6	Spring Washer	1
FG-3H-4F				B03	GP-2.516GCH	Grooved Pin	2	F01	N-6	Nut	1
CP No.	A-107001-02	Housing Cover C.P		140	G-101140-00	Cup Nut <For FG-3H-4>	1	A01	BB-609MN	Ball Bearing	1
101	G-161101-00	Housing Cover	1	145	A-065145-00	Governor Valve	1	A02	BB-6200	Ball Bearing	1
140	G-101140-00	Cup Nut	1	149	A-093149-03	Governor Valve Spring	1	A03	BB-6201	Ball Bearing	1
C01	O-S26	O Ring	1	155	A-065155-00	Governor Valve Spring Holder	1	A04	BB-EE3	Ball Bearing	2
CP No.	A-107003-02	Throttle Valve Body C.P		201	G-161201-00	Housing	1	B05	NR-211.8	Needle Roller	1
108	A-107003-52	Throttle Valve Body	1	207	A-107207-00	Rotor	1	F02	N-U3/8F	Nut	1
(129)	H-014129-00	Throttle Valve Rod Bushing	1	208	G-103208-00	Rotor Blade	4	F03	N-U3/8F(3)	Nut	1
110	H-001110-02	Throttle Valve	1	209	G-161209-00	Cylinder	1	G01	SR-S9	Snap Ring	1
113	G-028113-00	Throttle Valve Rod	1	(B04)	SP-26	Spring Pin	1	G02	SR-SA10	Snap Ring	1
117	D-001117-00	Throttle Valve Spring	1	210	A-107210-00	Cylinder Upper Plate	1	H01	K-338F	Key	1
119	G-028119-00	T.V. Cover Packing	1	211	A-107211-00	Cylinder Lower Plate	1	H02	K-338	Key	1
120	G-028120-00	Throttle Valve Cover	1	214	A-065214-00	Adjusting Washer <T=0.2>	1				

- ☐ CP No. denotes the assembled parts comprising of more than 1 pc. of parts.
- ☐ The related parts are shown in the thick frame.
- ☐ #101,108,209 and 335 are supplied together with parts shown in ().
- ☐ Specify parts number and quantity in ordering.

- Standard Accessory : F-11721mm Open-End Wrench 1.
- Optional Accessory : HN-303000Hose Nipple 1.