

Fuji USER MANUAL

DIE GRINDERS (REAR EXHAUST TYPE) MODELS : FG-25DX-1, -1F, -2



FG-25DX-1



FG-25DX-1F



FG-25DX-2

SPECIFICATIONS

Model	Collet Size		Capacity		Rotational Frequency min ⁻¹	Max. Air Consumption m ³ /min	Mass kg	Overall Length mm	Air Inlet Thread Size	Air Hose Size
			Grinding Wheel	Burr Head						
	mm	in	mm	mm						mm
FG-25DX-1	3, 6	—	25	13	24,000	0.40	0.80	230	PT 1/4	9.5
FG-25DX-1F	6	1/4	25	13	24,000	0.40	0.80	230	PT or NPT 1/4	9.5
FG-25DX-2	6	—	25	13	24,000	0.40	0.80	227	PT 1/4	9.5

* Please specify collet size when ordering.

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



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

Fuji Industrial Technique Co.,Ltd.

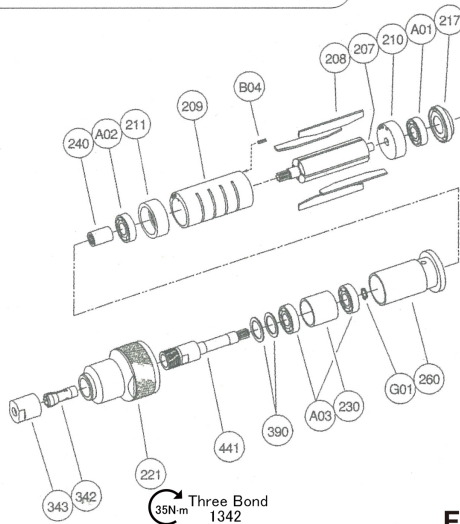
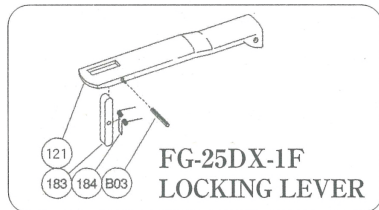
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MODELS : FG-25DX-1, -1F, -2

EXPLODED VIEW



FG-25DX-1, -1F, -2

FG-25DX-1

FG-25DX-2

PARTS LIST

Index No.	Parts No.	Parts Name	Qty
FG-25DX-1F			
—	G-141006-01	Housing Ass'y < PT >	
—	G-141006-02	Housing Ass'y < NPT >	
201	G-141006-50	Housing	1
(109)	G-106109-00	Throttle Valve Bushing	1
117	G-105117-00	Throttle Valve Spring	1
119	G-028119-00	Throttle Valve Cover Packing	1
120	G-028120-00	Throttle Valve Cover	1
171	W-100171-00	Inlet Joint < PT >	1
—	W-100171-01	Inlet Joint < NPT >	1
250	G-140250-00	Exhaust Cover	1
671	G-140671-00	Exhaust Cover Joint	1
B01	SP-2.56	Spring Pin	1
B02	SP-322	Spring Pin	1
C01	O-S10	"O"Ring	1
C02	O-S16	"O"Ring	1
C03	O-S28	"O"Ring	1
—	G-028008-00	Throttle Valve Rod Ass'y	
110	H-001110-02	Throttle Valve	1
113	G-028113-00	Throttle Valve Rod	1
—	G-143019-01	Locking Lever Ass'y	
121	G-143121-01	Throttle Valve Lever	1
183A	G-144183-02	Lock Key	1
184	G-144184-00	Lock Spring	1
B03	SP-218	Spring Pin	1
207	G-108207-00	Rotor	1
208	G-108208-00	Rotor Blade	4
209	G-108209-00	Cylinder	1
(B04)	SP-26	Spring Pin	1
210	G-108210-00	Cylinder Upper Plate	1
211	G-108211-00	Cylinder Lower Plate	1
217	G-141217-00	Bearing Cover	1
221	G-141221-00	Spindle Bearing Cover	1
230	G-106230-00	Bearing Spacer (B)	1
240	G-105240-00	Coupling	1
260	G-108260-00	Bearing Case	1
342	G-028342-07	Collet <6mm>	1
—	G-028342-06	Collet <1/4">	1
343	G-105343-00	Collet Nut	1
372	G-108372-00	Plastic Cover	1
390	G-143390-00	Seal Ring	2
441	G-106441-00	Spindle (B)	1
651	W-100651-00	Hanger (Horizontal)	1
A01	BB-606	Ball Bearing	1
A02	BB-627	Ball Bearing	1
A03	BB-608MN	Ball Bearing	2
G01	SR-S6	Snap Ring	1

Index No.	Parts No.	Parts Name	Qty
FG-25DX-1			
—	G-140006-00	Housing Ass'y < PT >	
201	G-141006-50	Housing	1
(109)	G-106109-00	Throttle Valve Bushing	1
117	G-105117-00	Throttle Valve Spring	1
119	G-028119-00	Throttle Valve Cover Packing	1
120	G-028120-00	Throttle Valve Cover	1
121	W-100121-00	Throttle Valve Lever	1
171	W-100171-00	Inlet Joint < PT >	1
250	G-140250-00	Exhaust Cover	1
671	G-140671-00	Exhaust Cover Joint	1
B01	SP-2.56	Spring Pin	1
B02	SP-322	Spring Pin	1
C01	O-S10	"O"Ring	1
C02	O-S16	"O"Ring	1
C03	O-S28	"O"Ring	1
—	G-028008-00	Throttle Valve Rod Ass'y	
110	H-001110-02	Throttle Valve	1
113	G-028113-00	Throttle Valve Rod	1
207	G-108207-00	Rotor	1
208	G-108208-00	Rotor Blade	4
209	G-108209-00	Cylinder	1
(B04)	SP-26	Spring Pin	1
210	G-108210-00	Cylinder Upper Plate	1
211	G-108211-00	Cylinder Lower Plate	1
217	G-141217-00	Bearing Cover	1
221	G-141221-00	Spindle Bearing Cover	1
230	G-106230-00	Bearing Spacer (B)	1
240	G-105240-00	Coupling	1
260	G-108260-00	Bearing Case	1
342	G-028342-07	Collet <6mm>	1
—	G-028342-08	Collet <3mm>	1
343	G-105343-00	Collet Nut	1
372	G-108372-00	Plastic Cover	1
390	G-143390-00	Seal Ring	2
441	G-106441-00	Spindle (B)	1
651	W-100651-00	Hanger (Horizontal)	1
A01	BB-606	Ball Bearing	1
A02	BB-627	Ball Bearing	1
A03	BB-608MN	Ball Bearing	2
G01	SR-S6	Snap Ring	1

● Optional Collet

AC No.	Size	
	mm	in
G-028342-08	3.0	—
G-028342-04	—	1/8
G-028342-07	6.0	—
G-028342-06	—	1/4

■ Standard Accessories

AC No.	Description	Qty
F-104	12mm Open-End Wrench	1
F-105	14mm Open-End Wrench	1
EH-50A	Exhaust Hose	1
IH-8B	Inlet Hose (for PT)	1
IH-8BN	Inlet Hose (for NPT)	1

- The related parts are shown in thick frame.
□ #201(FG-25DX-1F, -3F) and #209 are supplied together with parts shown in ().
□ Specify parts number and quantity when ordering.