

Fuji USER MANUAL

DRILLS

MODELS : FRD-16Z-1,-1C



FRD-16Z-1



FRD-16Z-1C
(INSIDE LEVER)

SPECIFICATIONS

Model	Max. Output	Stall Torque	Free Speed	Chuck Capacity	Spindle Type	Max.Air Consumption	Overall Length	Mass	Air Inlet Thread Size	Air Hose Size
	kW	N·m	min ⁻¹	mm		m ³ /min	mm	kg		mm
FRD-16Z-1	0.66	34.3	800	16	5/8-16UNF	1.2	372	3.7	Rc or NPT 3/8	12.7
FRD-16Z-1C	0.66	34.3	800	16	5/8-16UNF	1.2	372	3.7	Rc or NPT 3/8	12.7

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

ASSEMBLY TOOLS

ABRASIVE TOOLS

DRILLS / TAPPERS

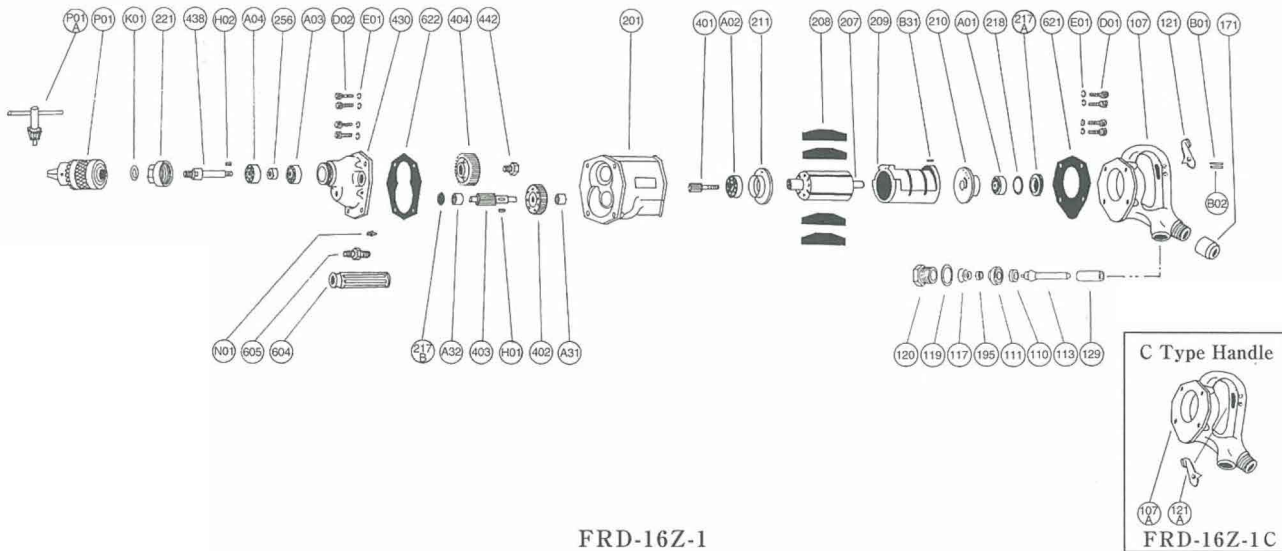
PERCUSSIVE TOOLS

AIR MOTORS

OTHER PRODUCTS

MODELS : FRD-16Z-1,-1C

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qty	Index No.	Parts No.	Parts Name	Qty
FRD-16Z-1				438	D-007438-01	Spindle	1
Ass'y No.	D-005002-00	Handle Ass'y <Rc>		442	D-005442-00	Spindle Screw	1
Ass'y No.	D-005002-03	Handle Ass'y <NPT>		604	A-025604-02	Dead Handle	1
107	D-005002-50	Handle	1	605	A-025605-00	Dead Handle Joint	1
(129)	H-006129-00	Throttle Valve Rod Bushing	1	621	D-005621-02	Packing <A>	1
117	D-005117-00	Throttle Valve Spring	1	622	D-005622-00	Packing 	1
119	W-080119-00	T.V. Cover Packing	1	A01	BB-6200	Ball Bearing	1
120	D-005120-00	Throttle Valve Cover	1	A02	BB-6002	Ball Bearing	1
121	W-014121-01	Throttle Valve Lever	1	A03	BB-6202	Ball Bearing	1
171	D-005171-00	Inlet Joint <Rc>	1	A04	BB-6202	Ball Bearing	1
171	D-005171-01	Inlet Joint <NPT>	1	A31	NB-SC66	Needle Bearing	1
B01	NR-419	Needle Roller	1	A32	NB-SC66	Needle Bearing	1
B02	NR-422	Needle Roller	1	D01	CS-625	Cap Screw	4
Ass'y No.	W-080008-01	Throttle Valve Rod Ass'y		D02	CS-620	Cap Screw	4
110	W-080110-01	Throttle Valve	1	E01	PW-6	Plain Washer	8
111	W-080111-00	Throttle Valve Washer	1	H01	K-3310	Key	1
113	W-080113-01	Throttle Valve Rod	1	H02	K-3310	Key	1
195	W-080195-00	Sub Throttle Valve	1	K01	OS-ZF5	Oil Seal	1
201	D-007201-01	Housing (For FRD-16Z-1)	1	N01	GN-6	Grease Nipple	1
	D-007201-02	Housing (For FRD-16Z-1C)	1	P01	DKC-16	Drill Chuck	1
207	D-005207-00	Rotor	1	(P01A)	DKC-16H	Drill Chuck Handle	1
208	D-005208-00	Rotor Blade	4	FRD-16Z-1C			
209	G-022209-00	Cylinder	1	Ass'y No.	D-005002-01	Handle Ass'y <Rc>	
(B31)	SP-314	Spring Pin	1	Ass'y No.	D-005002-02	Handle Ass'y <NPT>	
210	G-022210-00	Cylinder Upper Plate	1	107A	D-005002-51	Handle	1
211	D-005211-00	Cylinder Lower Plate	1	(129)	H-006129-00	Throttle Valve Rod Bushing	1
217A	G-044217-A	Bearing Cover	1	121A	W-015121-A	Throttle Valve Lever	1
217B	G-005217-00	Bearing Cover	1				
218	G-044218-00	Packing	1				
221	D-005221-00	Spindle Bearing Cover	1				
256	D-005256-00	Space Collar	1				
401	D-007401-00	No.1 Pinion	1				
402	D-007402-00	No.1 Gear	1				
403	D-007403-00	No.2 Pinion	1				
404	D-007404-00	No.2 Gear	1				
430	D-005430-00	No.1 Gear Case	1				

- ☐ Ass'y No. denotes No. of the assembled parts comprising of more than 1 pc. of parts.
The related parts are shown in the thick frame.
- ☐ Index Nos. 107, 209, and P01 are supplied together with parts shown in ().
- ☐ Specify parts number and quantity in ordering.

■ Standard Accessory

AC No.	Description	Qty
F-106	17mm Open-End Wrench	1