

Fuji USER MANUAL

DRILLS

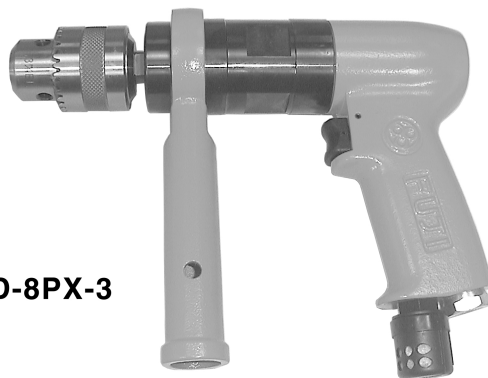
MODELS : FRD-8PX-1, -2, -3



FRD-8PX-1



FRD-8PX-2



FRD-8PX-3

SPECIFICATIONS

Model	Drilling Capacity		Stall Torque			Max. Output	Rotational Frequency	Spindle Type	Distance from Center to Side		Overall Length		Mass		Max. Air Consumption		Air Inlet Thread Size	Air Hose Size	
	mm	in	N·m	kgf·m	ft·lb	kW	min ⁻¹	in	mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min		mm	in
FRD-8PX-1	8	5/16	5.9	0.60	4.4	0.44	2,600	3/8-24	25.0	53/64	199	7 13/16	1.7	3.7	0.76	26.8	PT or NPT 1/4	9.5	3/8
FRD-8PX-2	10	7/16	12.0	1.22	8.9	0.44	1,300	3/8-24	26.5	1 3/64	220	8 43/64	2.1	4.6	0.76	26.8	PT or NPT 1/4	9.5	3/8
FRD-8PX-3	13	1/2	20.0	2.04	14.8	0.40	900	1/2-20	25.5	1	254	10	2.9	6.4	0.76	26.8	PT or NPT 1/4	9.5	3/8

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

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

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Specifications are subjects to change without notice.

ASSEMBLY TOOLS

ABRASIVE TOOLS

DRILLS / TAPERS

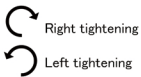
PERCUSSIVE TOOLS

AIR MOTORS

OTHER PRODUCTS

MODELS : FRD-8PX-1, -2, -3

EXPLODED VIEW



FRD-8PX-1

FRD-8PX-2

FRD-8PX-3

FRD-8PX-1, -2, -3

PARTS LIST

Index No.	Parts No.	Parts Name	Qty	Index No.	Parts No.	Parts Name	Qty	Index No.	Parts No.	Parts Name	Qty
FRD-8PX-1, -2, -3				FRD-8PX-1				A04	BB-6002	Ball Bearing	1
—	D-080006-00	Housing Ass'y <PT>		207	D-003207-00	Rotor	1	B41	NR-431	Needle Roller	2
—	D-080006-01	Housing Ass'y <NPT>		222	D-020222-00	Felt Ring	1	P01	DCK-10	Drill Chuck	1
109	W-125109-00	Throttle Valve Bushing	1	257	D-045257-00	Washer	1	(P01A)	DCK-10H	Drill Chuck Handle	1
115	W-125115-00	Throttle Valve Sheet	1	413	D-003413-00	No.1 Planet Gear	2	FRD-8PX-3			
121	W-125121-00	Throttle Valve Lever	1	(B51)	NR-111.5	Needle Roller	36	207	D-004207-00	Rotor	1
171	W-017171-02	Inlet Joint <PT>	1	417	D-080417-00	No.1 Internal Gear	1	221	D-045221-00	Spindle Bearing Cover	1
	W-017171-01	Inlet Joint <NPT>	1	430	D-080430-00	No.1 Gear Case	1	222	D-045222-00	Felt Ring	1
201	D-080201-00	Housing	1	438	D-003438-A	Spindle	1	257	D-045257-00	Washer	1
B01	SP-2.518	Spring Pin	1	A04	BB-6002	Ball Bearing	1	401	D-045401-00	No.1 Pinion	1
B02	SP-324	Spring Pin	1	B41	NR-520	Needle Roller	2	413	D-045413-00	No.1 Planet Gear	2
C01	O-S15	"O" Ring	2	P01	DCK-8	Drill Chuck	1	(B51)	NR-110.5	Needle Roller	30
L01	PL-1/8	Plug	1	(P01A)	DCK-8H	Drill Chuck Handle	1	416	D-045416-00	No.1 Planet Gear Frame	1
—	D-080008-00	Throttle Valve Rod Ass'y		FRD-8PX-2				418	D-045418-00	No.2 Planet Gear	2
110	W-125110-00	Throttle Valve	1	207	D-004207-00	Rotor	1	(B52)	NR-112.5	Needle Roller	30
113	D-080113-00	Throttle Valve Rod	1	222	D-020222-00	Felt Ring	1	430	D-082430-00	No.1 Gear Case	1
195	W-017195-00	Sub Throttle Valve	1	229	D-004229-00	Bearing Spacer	2	431	D-045431-00	No.2 Gear Case	1
208	G-042208-00	Rotor Blade	4	413	D-004413-00	No.1 Planet Gear	2	435	D-045435-00	Thrust Washer	1
209	G-042209-00	Cylinder	1	(B51)	NR-19.5	Needle Roller	60	438	D-045438-00	Spindle	1
(B31)	SP-26	Spring Pin	1	417	D-004417-00	No.1 Internal Gear	1	604	D-082604-00	Dead Handle	1
210	D-020210-00	Cylinder Upper Plate	1	430	D-081430-00	No.1 Gear Case	1	(D01)	CS-825	Cap Screw	1
211	D-080211-00	Cylinder Lower Plate	1	432	D-081432-00	Gear Case Cover	1	(E01)	SW-8	Spring Washer	1
250	W-181250-02	Exhaust Cover	1	438	D-004438-A	Spindle	1	A04	BB-SC0409	Ball Bearing	1
A01	BB-626	Ball Bearing	1	480	D-004480-00	Thrust Washer 	2	A05	BB-EE6	Ball Bearing	1
A02	BB-6200	Ball Bearing	1	486	D-004486-00	Internal Gear Knock	2	B41	NR-419	Needle Roller	2
A03	BB-6002	Ball Bearing	1	604	D-081604-00	Dead Handle	1	B42	NR-422	Needle Roller	2
				(D01)	CS-825	Cap Screw	1	P01	DCK-13	Drill Chuck	1
				(E01)	SW-8	Spring Washer	1	(P01A)	DCK-13H	Drill Chuck Handle	1

Standard Accessories

AC No.	Description	Qty
F-104	Open-End Wrench 12 Hex. (FRD-8PX-1, -2)	1
F-706	Hex Pin Wrench 6 Hex. (FRD-8PX-2, -3)	1
F-105	Open-End Wrench 14 Hex. (FRD-8PX-3)	1

- ☐ The related parts are shown in thick frame.
- ☐ #209, 413, 418 and 604 are supplied together with parts shown in ().
- ☐ Specify parts number and quantity when ordering.