Fuji USER MANUAL

DRILLS

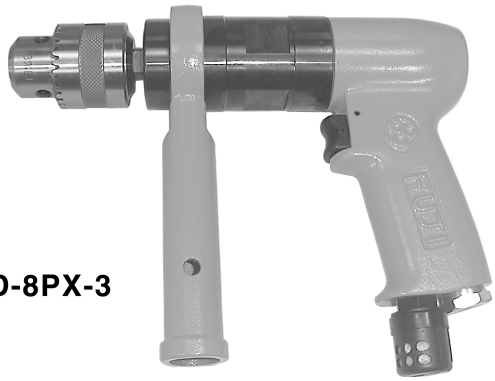
MODELS : FRD-8PX-1, -2, -3



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.

Fuji Industrial Technique Co.,Ltd.

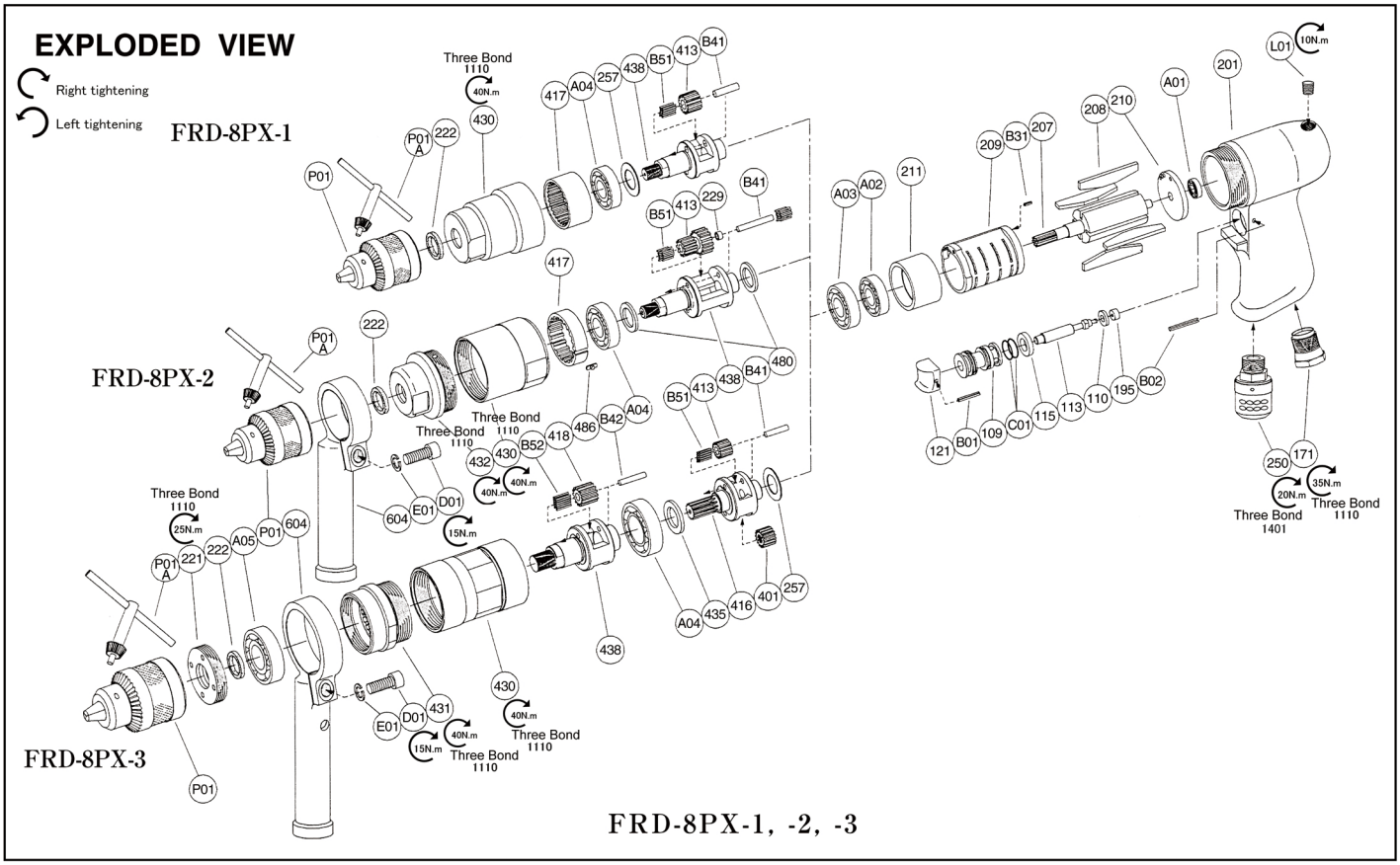
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

Tel : 81-6-6972-2335
Fax : 81-6-6972-2380

Specifications are subjects to change without notice.

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

EXPLODED VIEW



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

PARTS LIST

Index No.	Parts No.	Parts Name	Qty
FRD-8PX-1, -2, -3			
——	D-080006-00	Housing Ass'y 〈PT〉	
——	D-080006-01	Housing Ass'y 〈NPT〉	
109	W-125109-00	Throttle Valve Bushing	1
115	W-125115-00	Throttle Valve Sheet	1
121	W-125121-00	Throttle Valve Lever	1
171	W-017171-02	Inlet Joint 〈PT〉	1
	W-017171-01	Inlet Joint 〈NPT〉	1
201	D-080201-00	Housing	1
B01	SP-2.518	Spring Pin	1
B02	SP-324	Spring Pin	1
C01	O-S15	"O" Ring	2
L01	PL-1/8	Plug	1
——	D-080008-00	Throttle Valve Rod Ass'y	
110	W-125110-00	Throttle Valve	1
113	D-080113-00	Throttle Valve Rod	1
195	W-017195-00	Sub Throttle Valve	1
208	G-042208-00	Rotor Blade	4
209	G-042209-00	Cylinder	1
(B31)	SP-26	Spring Pin	1
210	D-020210-00	Cylinder Upper Plate	1
211	D-080211-00	Cylinder Lower Plate	1
250	W-181250-02	Exhaust Cover	1
A01	BB-626	Ball Bearing	1
A02	BB-6200	Ball Bearing	1
A03	BB-6002	Ball Bearing	1

Index No.	Parts No.	Parts Name	Qty
FRD-8PX-1			
207	D-003207-00	Rotor	1
222	D-020222-00	Felt Ring	1
257	D-045257-00	Washer	1
413	D-003413-00	No.1 Planet Gear	2
(B51)	NR-111.5	Needle Roller	36
417	D-080417-00	No.1 Internal Gear	1
430	D-080430-00	No.1 Gear Case	1
438	D-003438-A	Spindle	1
A04	BB-6002	Ball Bearing	1
B41	NR-520	Needle Roller	2
P01	DCK-8	Drill Chuck	1
(P01A)	DCK-8H	Drill Chuck Handle	1
FRD-8PX-2			
207	D-004207-00	Rotor	1
222	D-020222-00	Felt Ring	1
229	D-004229-00	Bearing Spacer	2
413	D-004413-00	No.1 Planet Gear	2
(B51)	NR-19.5	Needle Roller	60
417	D-004417-00	No.1 Internal Gear	1
430	D-081430-00	No.1 Gear Case	1
432	D-081432-00	Gear Case Cover	1
438	D-004438-A	Spindle	1
480	D-004480-00	Thrust Washer 〈B〉	2
486	D-004486-00	Internal Gear Knock	2
604	D-081604-00	Dead Handle	1
(D01)	CS-825	Cap Screw	1
E01	SW-8	Spring Washer	1

Index No.	Parts No.	Parts Name	Qty
A04	BB-6002	Ball Bearing	1
B41	NR-431	Needle Roller	2
P01	DCK-10	Drill Chuck	1
(P01A)	DCK-10H	Drill Chuck Handle	1
FRD-8PX-3			
207	D-004207-00	Rotor	1
221	D-045221-00	Spindle Bearing Cover	1
222	D-045222-00	Felt Ring	1
257	D-045257-00	Washer	1
401	D-045401-00	No.1 Pinion	1
413	D-045413-00	No.1 Planet Gear	2
(B51)	NR-110.5	Needle Roller	30
416	D-045416-00	No.1 Planet Gear Frame	1
418	D-045418-00	No.2 Planet Gear	2
(B52)	NR-112.5	Needle Roller	30
430	D-082430-00	No.1 Gear Case	1
431	D-045431-00	No.2 Gear Case	1
435	D-045435-00	Thrust Washer	1
438	D-045438-00	Spindle	1
604	D-082604-00	Dead Handle	1
(D01)	CS-825	Cap Screw	1
E01	SW-8	Spring Washer	1
A04	BB-SC0409	Ball Bearing	1
A05	BB-EE6	Ball Bearing	1
B41	NR-419	Needle Roller	2
B42	NR-422	Needle Roller	2
P01	DCK-13	Drill Chuck	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.