

Technical drawing of Johnson Pump F4B-8. The main view shows a circular pump housing with a diameter of 80 mm and a width of 17.5 mm. The top view shows a diameter of 50 ± 0.1 mm. Section A-A shows a height of 75 mm and a width of 57.2 mm. Detail views show port diameters of $\phi 12.4_{\pm 0.01}$ and $\phi 9.53_{\pm 0.03}$.

Serial no. / Drawing no.	Pump ref. / Pump part list	Part type	Material of material / Note on lubrication	Surface	Tolerancing
10-24570-01	F4B-8				
10-24570-02	F4B-89				
10-24570-03	F4B-802				
10-24570-04	F4B-892				
10-24570-05	F4B-803				
10-24570-06	F4B-893				
10-24570-07	F4B-807				
10-24570-08	F4B-809				
10-24570-09	F4B-8077				
10-24570-10	F4B-8077				
10-24570-11	F4B-8077				
10-24570-12	F4B-8977				
10-24570-13	F4B-8				
10-24570-14	F4B-89				
10-24570-15	F4B-802				
10-24570-16	F4B-892				
10-24570-17	F4B-803				
10-24570-18	F4B-893				
10-24570-19	F4B-807				
10-24570-20	F4B-8077				
10-24570-21	F4B-8077				
10-24570-22	F4B-8977				
10-24570-23	F4B-8077				
10-24570-24	F4B-8977				

10-24570-01/-24

10-24570-13/-24

Approved by:	Checked by:	Drawn by:	Scale:
			1:1

Serial no. / Drawing no. 03-24570

Part no. / Drawing no. 981247

Part name: LU

Part description: Surface roughness R_a max. 1.6 μm

Part weight: 1.1 kg

Part material: Steel S235

Part drawing no. A03

Part no. / Drawing no.	Part name	Part description	Part weight
10-24570-01	F4B-8	Johnson Pump F4B-8	1.1 kg

Part no. / Drawing no.	Part name	Part description	Part weight
10-24570-01	F4B-8	Johnson Pump F4B-8	1.1 kg

Multipurpose

Assembly drawing No. 03-24570

F4B-8 Impeller Pump OEM / Art. No. 10-24570-01

Position	Quantity	Part No.	Description
1	1	01-35882-1	BODY F4B-8
2	1	01-46735-1	SHAFT F35/F4B-8
3	1	01-46007-2	ENDCOVER F4/F5B NEUTRAL
4	1	08-810B	IMPELLER
5	1	01-42389	CAM 1/1 F4B-
6	1	01-45542	SPACER F35B-902
7	1	01-42400	PIN F35B-/F7B/F70B
8	1	01-46737-2	WEAR PLATE F4B
9	1	01-45049	PLATE F35/F4B-8
10	1	01-45659	WASHER F4B-8/-9
11	1	01-46797	LABEL
12	1	01-46790-01	WASHER D7.5XD4X1 CU
14	6	0.0279.300	SCREW M4X8 ISO1207 A4
15	1	01-46794-04	SCREW 8-32UNCX10
16	1	0.2173.476	O-RING 59.6X2.4 SS1586 NBR70
17	1	0.2173.432	O-RING 11.3X2.4 SS1586 NBR70
18	2	0.3431.748	BALL BEARING 6001 2 RS1 ST
19	1	0.2247.021	MECH.SEAL COMPL D12
20	1	0.0371.028	INT. CIRCLIP D28 DIN472 ST
21	2	0.0370.012	EXT. CIRCLIP D12 DIN471 ST
0	1	01-46027-1	LABEL DRY RUNNING (4-LANG.)
0	1	0.3444.001	CARTON NO. 1 170X135X 90
0	1	IB-501/01	INSTR.MANUAL FB-8 SERIES

Assembly Drawing No. 03-24570

F4B-8 Impeller pump OEM / Art. No. 10-24570-13

Position	Quantity	Part No.	Description
1	1	01-35882-1	BODY F4B-8
2	1	01-46735-1	SHAFT F35/F4B-8
3	1	01-46007-2	ENDCOVER F4/F5B NEUTRAL
4	1	08-810B	IMPELLER
5	1	01-42389	CAM 1/1 F4B-
6	1	01-45542	SPACER F35B-902
7	1	01-42400	PIN F35B-/F7B/F70B
8	1	01-46737-2	WEAR PLATE F4B
9	1	01-45049	PLATE F35/F4B-8
11	1	01-46797	LABEL
12	1	01-46790-01	WASHER D7.5XD4X1 CU
14	6	0.0279.300	SCREW M4X8 ISO1207 A4
15	1	01-46794-04	SCREW 8-32UNCX10
16	1	0.2173.476	O-RING 59.6X2.4 SS1586 NBR70
17	1	0.2173.432	O-RING 11.3X2.4 SS1586 NBR70
18	2	0.3431.748	BALL BEARING 6001 2 RS1 ST
19	1	0.2233.010	LIP SEAL 12X24X7 DPSPM
20	1	0.0371.028	INT. CIRCLIP D28 DIN472 ST
21	1	0.0370.012	EXT. CIRCLIP D12 DIN471 ST
0	1	0.3444.001	CARTON NO. 1 170X135X 90
0	1	01-46027-1	LABEL DRY RUNNING (4-LANG.)
0	1	IB-501/01	INSTR.MANUAL FB-8 SERIES