

Technical drawing of pump F4B-8. The main drawing shows a front view with dimensions: 80 (width), 175 (height), 50 (radius), and 88 (total height). It also shows a side view with dimensions: 75 (width), 57.2 (height), 52 (radius), and 4.5 (fillet radius). Section views A-A and R 5 (4x) are also provided. Two detail drawings show the inlet and outlet ports with dimensions:  $\phi 12 \pm 0.15$  and  $\phi 9.53 \pm 0.09$ .

Serial no.	Part no.	Description	Material	Quantity	Unit	Remarks
1	10-24570-01	Cast iron housing	Cast iron	1	PC	
2	10-24570-02	Impeller	Brass	1	PC	
3	10-24570-03	Impeller nut	Brass	1	PC	
4	10-24570-04	Impeller lock wash	Brass	1	PC	
5	10-24570-05	Impeller nut	Brass	1	PC	
6	10-24570-06	Impeller lock wash	Brass	1	PC	
7	10-24570-07	Impeller nut	Brass	1	PC	
8	10-24570-08	Impeller lock wash	Brass	1	PC	
9	10-24570-09	Impeller nut	Brass	1	PC	
10	10-24570-10	Impeller lock wash	Brass	1	PC	
11	10-24570-11	Impeller nut	Brass	1	PC	
12	10-24570-12	Impeller lock wash	Brass	1	PC	
13	10-24570-13	Impeller nut	Brass	1	PC	
14	10-24570-14	Impeller lock wash	Brass	1	PC	
15	10-24570-15	Impeller nut	Brass	1	PC	
16	10-24570-16	Impeller lock wash	Brass	1	PC	
17	10-24570-17	Impeller nut	Brass	1	PC	
18	10-24570-18	Impeller lock wash	Brass	1	PC	
19	10-24570-19	Impeller nut	Brass	1	PC	
20	10-24570-20	Impeller lock wash	Brass	1	PC	
21	10-24570-21	Impeller nut	Brass	1	PC	
22	10-24570-22	Impeller lock wash	Brass	1	PC	
23	10-24570-23	Impeller nut	Brass	1	PC	
24	10-24570-24	Impeller lock wash	Brass	1	PC	

Material fill anslutning till port.  
94.2 Measure to the port.  
110.5  
76.7  
30

Part no. 10-24570-01/24 -53/-54

Part no. 10-24570-51/-52

Part no. 10-24570-01/-12

Part no. 10-24570-13/-24

Part no. 10-24570-24

# Multipurpose

A03	000814	UF
A02	939305	UF
A01		UF

Part no.	10-24570-01
Part name	Cast iron housing
Material	Cast iron
Quantity	1
Unit	PC
Remarks	

Part no.	10-24570-02
Part name	Impeller
Material	Brass
Quantity	1
Unit	PC
Remarks	

Part no.	10-24570-03
Part name	Impeller nut
Material	Brass
Quantity	1
Unit	PC
Remarks	

Johnson Pump AB, Göteborg, Sweden

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Drawing no. 10-24570-01

Scale 1:1

Part no. 10-24570-01

Part name Cast iron housing

Material Cast iron

Quantity 1

Unit PC

Remarks

**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