

Technical drawing of the Johnson Pump F7B-8 impeller pump. The drawing includes a front view, a side view, and two cross-sectional views. Dimensions are provided in millimeters. Part numbers for various components are listed, such as 10-24572-01/-24 for bearings and 10-24572-51/-52 for seals. The front view shows a diameter of 120 mm and a width of 93 mm. The side view shows a total height of 90 mm and a base diameter of 50 mm. The cross-sections show the internal impeller assembly with an impeller diameter of 40 mm and a total length of 169.6 mm. The drawing is titled 'Johnson Impellerpump F7B-8' and is identified by article number '10-24572'.

Units of tolerance	Dimension	Tolerance
mm	Diameter	H7/k6
mm	Depth	±0.012
mm	Length	±0.012
mm	Radius	R 10

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS

ISO 2768 MS

ISO 1436

ISO 1437

ISO 2768 MS

ISO 1436

ISO 1437

ISO 2768 MS

ISO 1436

ISO 1437

ISO 2768 MS

ISO 1436

ISO 1437

ISO 2768 MS

ISO 1436

ISO 1437

Drinking or Pumping no.	Pump type	Material	Mounting or effect/lock	Gauge G	Timing
10-24572-01	F7B-8	Br	ISO 7/1 - Rp1	ISO 7/1 - Rp1	Set
10-24572-02	F7B-8	Br			
10-24572-03	F7B-8	Br			
10-24572-04	F7B-8	Br			
10-24572-05	F7B-8	Br			
10-24572-06	F7B-8	Br			
10-24572-07	F7B-8	Br			
10-24572-08	F7B-8	Br			
10-24572-09	F7B-8	Br			
10-24572-10	F7B-8	Br			
10-24572-11	F7B-8	Br			
10-24572-12	F7B-8	Br			
10-24572-13	F7B-8	Br			
10-24572-14	F7B-8	Br			
10-24572-15	F7B-8	Br			
10-24572-16	F7B-8	Br			
10-24572-17	F7B-8	Br			
10-24572-18	F7B-8	Br			
10-24572-19	F7B-8	Br			
10-24572-20	F7B-8	Br			
10-24572-21	F7B-8	Br			
10-24572-22	F7B-8	Br			
10-24572-23	F7B-8	Br			
10-24572-24	F7B-8	Br			

ISO 2768 MS

ISO 1436

ISO 1437

ISO 2768 MS

ISO 1436

ISO 1437

ISO 2768 MS

ISO 1436

ISO 1437

Drawing no.	Revision	Date	Author	Checked
10-24572-01	1	981217	LU	LU

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-01	Impeller pump	Cast iron	None	0.8
10-24572-02	Impeller	Cast iron	None	0.8
10-24572-03	Impeller nut	Cast iron	None	0.8
10-24572-04	Impeller bolt	Cast iron	None	0.8
10-24572-05	Impeller washer	Cast iron	None	0.8
10-24572-06	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-07	Impeller seal	Cast iron	None	0.8
10-24572-08	Impeller seal	Cast iron	None	0.8
10-24572-09	Impeller seal	Cast iron	None	0.8
10-24572-10	Impeller seal	Cast iron	None	0.8
10-24572-11	Impeller seal	Cast iron	None	0.8
10-24572-12	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-13	Impeller seal	Cast iron	None	0.8
10-24572-14	Impeller seal	Cast iron	None	0.8
10-24572-15	Impeller seal	Cast iron	None	0.8
10-24572-16	Impeller seal	Cast iron	None	0.8
10-24572-17	Impeller seal	Cast iron	None	0.8
10-24572-18	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-19	Impeller seal	Cast iron	None	0.8
10-24572-20	Impeller seal	Cast iron	None	0.8
10-24572-21	Impeller seal	Cast iron	None	0.8
10-24572-22	Impeller seal	Cast iron	None	0.8
10-24572-23	Impeller seal	Cast iron	None	0.8
10-24572-24	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-25	Impeller seal	Cast iron	None	0.8
10-24572-26	Impeller seal	Cast iron	None	0.8
10-24572-27	Impeller seal	Cast iron	None	0.8
10-24572-28	Impeller seal	Cast iron	None	0.8
10-24572-29	Impeller seal	Cast iron	None	0.8
10-24572-30	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-31	Impeller seal	Cast iron	None	0.8
10-24572-32	Impeller seal	Cast iron	None	0.8
10-24572-33	Impeller seal	Cast iron	None	0.8
10-24572-34	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-35	Impeller seal	Cast iron	None	0.8
10-24572-36	Impeller seal	Cast iron	None	0.8
10-24572-37	Impeller seal	Cast iron	None	0.8
10-24572-38	Impeller seal	Cast iron	None	0.8
10-24572-39	Impeller seal	Cast iron	None	0.8
10-24572-40	Impeller seal	Cast iron	None	0.8

Part no.	Part name	Material	Surface treatment	Surface roughness
10-24572-41	Impeller seal	Cast iron	None	0.8
10-24572-42	Impeller seal	Cast iron	None	0.8
10-24572-43	Impeller seal	Cast iron	None	0.8
10-24572-44	Impeller seal	Cast iron	None	0.8
10-24572-45	Impeller seal	Cast iron	None	0.8
10-24572-46	Impeller seal	Cast iron	None	0.8

Assembly Drawing No. 03-24572

F7B-8 Impeller Pump OEM / Art. No. 10-24572-01

Position	Quantity	Artikelnummer	Artikelskrivning
1	1	01-24574-3	BODY F7B-8
2	1	01-46744	SHAFT F5/F7B-8
20	1	01-46797	LABEL
3	1	01-46648-3	ENDCOVER F7B
4	1	08-1028B	IMPELLER
5	1	01-42679	CAM 1/1 F7B/F70B
6	1	01-42400	PIN F35B-/F7B/F70B
7	1	01-46798-2	WEAR PLATE F7B
8	1	01-45680	WASHER F5B/F6B/F7B
9	1	01-45047	PLATE F5/F7B-8
10	1	01-46009	SPACER F7B-9
11	6	0.0279.301	SCREW M5X8 ISO1207 A4
12	1	01-46794-01	SCREW 12-24UNCX9.5 BRASS
13	1	0.2172.012	O-RING 63.22X1.78 BS1806 NBR70
14	1	0.2173.402	O-RING 15.3X2.4 SS1586 NBR70
15	2	0.3431.742	BALL BEARING 6203 2 RS1 ST
16	1	0.2247.022	MECH.SEAL COMPL D16
17	1	0.0371.040	INT. CIRCLIP D40 DIN472 ST
18	1	0.0370.017	EXT. CIRCLIP D17 DIN471 ST
19	1	0.0370.516	EXT. CIRCLIP D16 DIN471 ST
0	1	01-46027-1	LABEL DRY RUNNING (4-LANG.)
0	1	0.3444.002	CARTON NO 2 200X155X 95
0	1	IB-501/01	INSTR.MANUAL FB-8 SERIES

Assembly drawing No. 03-24572

F7B-8 Impeller Pump OEM / Art. No. 10-24572-13

Position	Quantity	Part No.	Description
1	1	01-24574-3	BODY F7B-8
2	1	01-46744	SHAFT F5/F7B-8
3	1	01-46648-3	ENDCOVER F7B
4	1	08-1028B	IMPELLER
5	1	01-42679	CAM 1/1 F7B/F70B
6	1	01-42400	PIN F35B-/F7B/F70B
7	1	01-46798-2	WEAR PLATE F7B
9	1	01-45047	PLATE F5/F7B-8
10	1	01-46009	SPACER F7B-9
11	6	0.0279.301	SCREW M5X8 ISO1207 A4
12	1	01-46794-01	SCREW 12-24UNCX9.5 BRASS
13	1	0.2172.012	O-RING 63.22X1.78 BS1806 NBR70
14	1	0.2173.402	O-RING 15.3X2.4 SS1586 NBR70
15	2	0.3431.742	BALL BEARING 6203 2 RS1 ST
16	1	0.2233.012	LIP SEAL 16X30X7 DPSM
17	1	0.0371.040	INT. CIRCLIP D40 DIN472 ST
18	1	0.0370.017	EXT. CIRCLIP D17 DIN471 ST
20	1	01-46797	LABEL
0	1	01-46027-1	LABEL DRY RUNNING (4-LANG.)
0	1	0.3444.002	CARTON NO 2 200X155X 95
0	1	IB-501/01	INSTR.MANUAL FB-8 SERIES