

Test report

Fan type		LKZ-7-7-250W		Test number				Item No.				
Rated speed of fan （r/min）		1250		Test motor type		YDK120-250		Produce date		2023.9.8		
Fan outlet area(m2)		0.0000		Test motor power （W）		250		Testing device				
Test motor speed （r/min）				impeller diameter				Flow test method		2023.9.8		
Nozzle throat diameter		40mm nozzle		50mm nozzle		80mm nozzle		150mm nozzle		189mm nozzle		
Nozzle condition		1		0		0		0		0		
Test record												
Operating or		UNIT	1	2	3	4	5	6	7	8	9	10
Atmospheric		KPa	101.20	101.21	101.20	101.21	101.21	101.20	101.20	101.19	101.19	101.19
Flow pressu		Pa	342.05	299.93	276.31	303.32	190.98	312.29	354.68	409.06	449.81	492.56
Static pressu		Pa	347.45	308.54	285.83	253.06	220.10	183.11	121.40	85.51	52.09	14.19
Air volume		m3/h	103.55	248.70	373.72	642.44	1098.88	1410.61	1774.47	1907.15	2000.56	2094.35
Dynamic pre		Pa	15.95	15.95	15.95	15.96	15.97	15.98	16.00	16.00	16.00	16.00
Total pressu		Pa	363.40	324.49	301.79	269.01	236.07	199.09	137.40	101.51	68.09	30.19
Air chamber		℃	33.81	33.81	33.75	33.68	33.49	33.31	32.97	32.89	32.91	32.91
Input power		W	250.00	262.00	267.00	284.00	316.00	350.00	404.00	435.00	455.00	482.00
voltage		V	220.00	220.00	220.00	220.10	220.20	220.20	220.00	220.00	220.10	220.20
current		A	1.45	1.46	1.47	1.50	1.58	1.69	1.91	2.03	2.11	2.24
frequency		Hz	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
power factor		PF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Impeller pow		W	10.50	22.46	31.39	48.01	72.06	78.83	67.72	54.16	37.84	17.56
Rotational sp		r/min	1456.00	1452.00	1447.00	1430.00	1396.00	1358.00	1295.00	1254.00	1220.00	1165.00

Křivka 7-7-250W-4

