

Model	WQD10-8-0.55A		Product NO			Testing purpose			Source of sample		
Rated flow	10	m ³ /h	Rated head	8	m	Unit efficiency	30.3	%	Rated voltage/Frequency	220/50.01	V/Hz
Rated power	0.55	kW	Set speed.	3450	r/min	Inlet.Dia.	50	mm	Outlet.Dia.	50	mm
Table difference	1.09	m	Atm.Press	102.3	kPa	Water Temp	20.0	℃	Ambient Temp	22.5	℃

No	Test value							
	Flow	Head	Speed	Voltage	Electric current	Shaft Power	Power factor	Pump efficiency
	(m ³ /h)	(m)	(r/min)	(V)	(A)	(kW)	cos ϕ	(%)
1	0.00	11.95	2931.5	221.42	2.95	0.550	0.841	0.00
2	1.96	10.90	2925.6	221.38	3.02	0.573	0.855	10.16
3	3.23	10.35	2920.8	221.39	3.08	0.592	0.868	15.33
4	5.53	9.67	2911.1	221.43	3.23	0.635	0.886	22.87
5	7.00	9.23	2902.4	221.59	3.38	0.673	0.899	26.08
6	8.15	8.86	2896.8	221.60	3.49	0.702	0.908	27.95
7	10.01	8.22	2885.5	221.35	3.61	0.735	0.920	30.41
8	12.05	7.46	2876.5	221.61	3.77	0.776	0.928	31.51
9	13.03	7.10	2874.1	221.54	3.84	0.791	0.932	31.79
10	15.03	6.05	2864.1	221.32	3.95	0.820	0.938	30.11
11	17.11	4.87	2857.6	221.28	4.07	0.849	0.943	26.66
12	20.02	3.20	2848.5	221.69	4.21	0.886	0.948	19.64
13	21.92	1.89	2842.3	221.31	4.28	0.900	0.950	12.50
14								
15								

(Performance curve)

