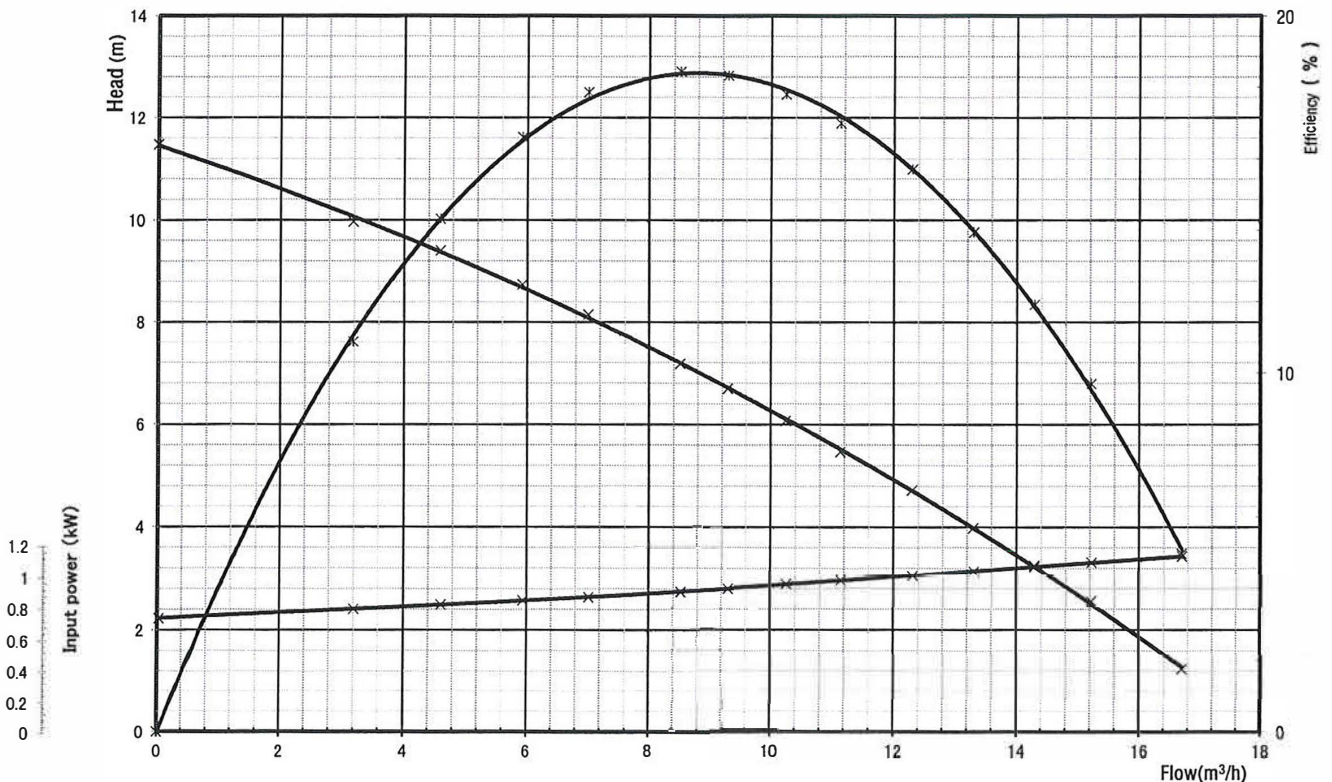


Model	WQD7-8-0.75FQG		Product NO				Testing purpose				Source of sample		
Rated flow	7	m ³ /h	Rated head	8	m	Unit efficiency	27.66	%	Rated voltage/Frequency	220/50.03	V/Hz		
Rated power	0.75	kW	Set speed.	2850	r/min	Inlet.Dia.	50	mm	Outlet.Dia.	50	mm		
Table difference	1.09	m	Atm.Press	102.3	kPa	Water Temp	22.0	℃	Ambient Temp	28.7	℃		

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	11.48	2918.8	222.03	3.56	0.734	0.929	0.00
2	3.18	9.97	2908.6	222.05	3.80	0.792	0.939	10.88
3	4.59	9.41	2902.8	222.03	3.91	0.820	0.944	14.32
4	5.92	8.74	2897.8	222.03	4.03	0.847	0.946	16.60
5	7.00	8.15	2892.7	222.03	4.12	0.868	0.950	17.86
6	8.51	7.19	2887.1	222.03	4.25	0.902	0.956	18.44
7	9.29	6.70	2881.1	222.04	4.34	0.923	0.957	18.33
8	10.24	6.07	2877.5	222.05	4.45	0.949	0.960	17.80
9	11.13	5.47	2871.8	222.03	4.56	0.974	0.962	16.99
10	12.30	4.72	2865.5	222.04	4.69	1.004	0.964	15.72
11	13.30	3.99	2859.3	222.02	4.82	1.034	0.965	13.95
12	14.29	3.26	2850.0	222.03	4.95	1.061	0.966	11.93
13	15.22	2.56	2850.0	222.03	5.08	1.091	0.968	9.71
14	16.70	1.24	2840.1	222.02	5.24	1.129	0.970	4.99
15								

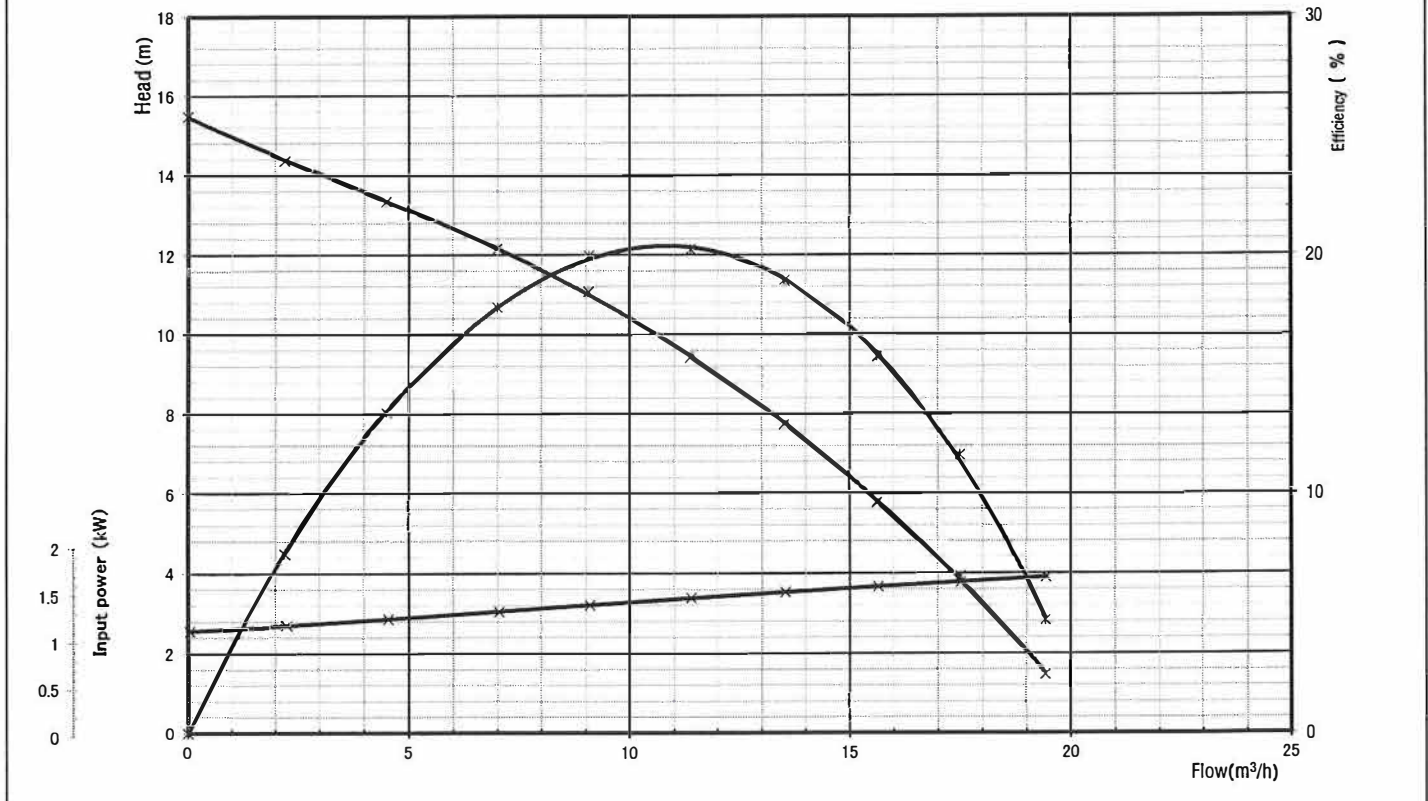
(Performance curve)



Model	WQD7-12-1.1FQG #1				Testing Purpose	/	Source of Sample				
Rated flow	7	m ³ /h	Rated head	12	m	Efficiency	27.59	%	Rated	230/50.02	V/Hz
Rated Power	1.1	kW	Set speed	2850	r/min	Inlet Dial	50	mm	Outlet dial	50	mm
Table difference	1.09	m	Atm press	102.3	kPa	Water Temp	22.4	°C	Ambient Temp	30.0	°C

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	15.48	2922.8	230.00	4.79	1.094	0.994	0.00
2	2.22	14.38	2912.6	230.02	5.04	1.155	0.996	7.51
3	4.51	13.36	2903.0	230.01	5.33	1.221	0.997	13.41
4	7.01	12.16	2888.5	229.99	5.68	1.300	0.995	17.82
5	9.07	11.08	2879.6	230.03	5.97	1.368	0.997	19.97
6	11.38	9.43	2866.0	230.03	6.29	1.442	0.997	20.23
7	13.52	7.75	2857.1	230.00	6.56	1.503	0.996	18.95
8	15.63	5.78	2843.8	229.99	6.80	1.561	0.998	15.73
9	17.50	3.93	2833.5	229.99	7.02	1.609	0.997	11.62
10	19.43	1.48	2824.9	230.00	7.24	1.661	0.997	4.71
11								
12								
13								
14								
15								

Performance Curve



Model	WQD7-16-1.5QG		Product NO			Testing purpose			Source of sample		
Rated flow	7	m ³ /h	Rated head	16	m	Unit efficiency	26.29	%	Rated voltage/Frequency	220/50.03	V/Hz
Rated power	1.5	kW	Set speed.	2850	r/min	Inlet.Dia.	50	mm	Outlet.Dia.	50	mm
Table difference	1.09	m	Atm.Press	102.3	kPa	Water Temp	17.7	℃	Ambient Temp	20.3	℃

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	20.13	2924.4	221.98	6.11	1.270	0.937	0.00
2	1.44	19.31	2917.0	222.10	6.32	1.324	0.943	5.71
3	3.67	18.28	2908.1	222.32	6.67	1.410	0.951	12.94
4	4.92	17.75	2905.2	221.80	6.83	1.450	0.957	16.39
5	6.06	17.10	2899.0	221.80	7.00	1.491	0.961	18.91
6	7.02	16.46	2894.3	221.14	7.16	1.525	0.962	20.61
7	9.10	15.15	2883.1	221.17	7.56	1.620	0.968	23.15
8	11.14	13.88	2876.0	221.54	8.01	1.722	0.971	24.43
9	12.89	12.63	2865.2	221.68	8.34	1.799	0.973	24.62
10	14.80	11.15	2853.3	221.46	8.73	1.887	0.976	23.79
11	16.76	9.44	2843.5	221.30	9.09	1.967	0.978	21.88
12	18.80	7.34	2836.1	221.40	9.40	2.037	0.979	18.43
13	20.22	5.52	2833.6	221.13	9.64	2.088	0.979	14.54
14	22.03	1.93	2823.5	220.96	9.72	2.105	0.981	5.50
15								

(Performance curve)

