ONE PUMP

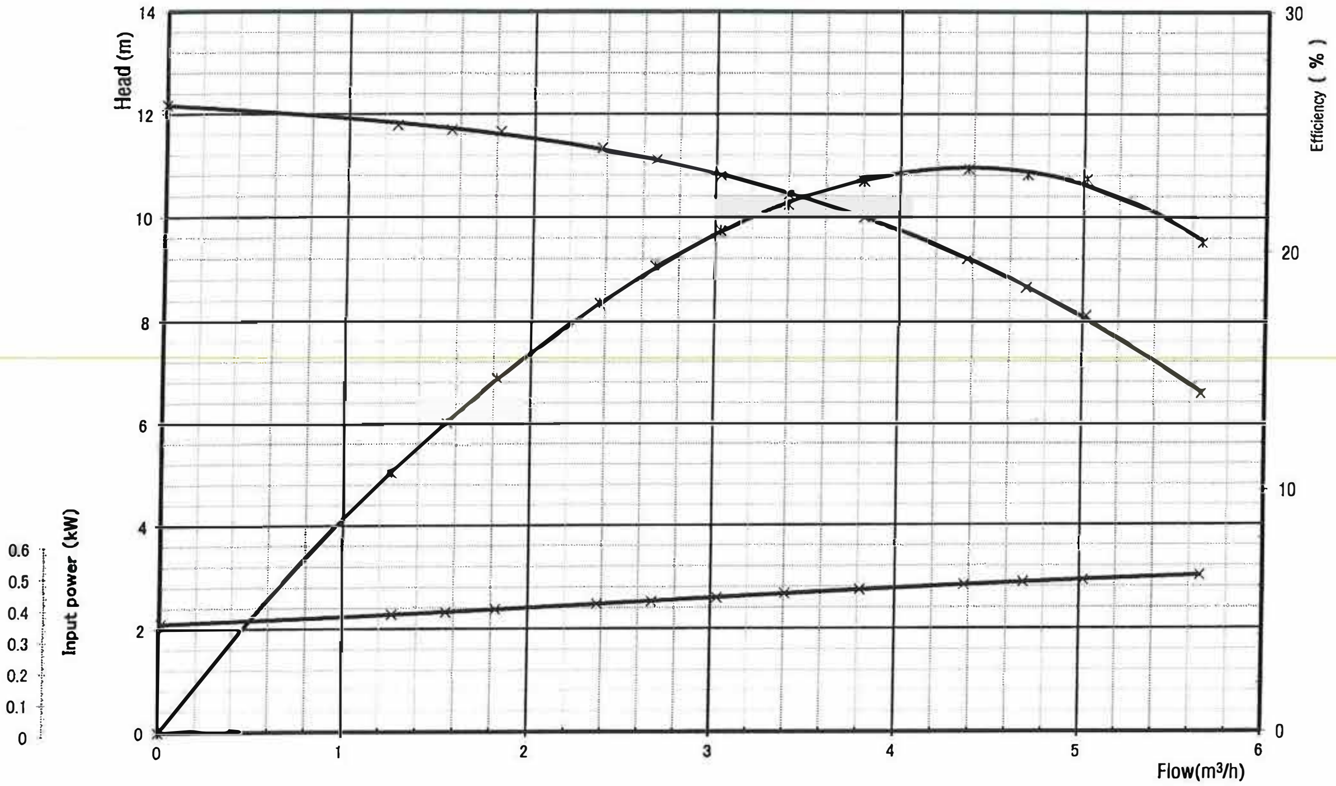
QR/ZD/BZ32-02

(Report No) : ZK2023080701

Model	QDX1.5-12-0.25A		Product NO			Testing purpose			Source of sample		
Rated flow	1.5	m^3/h	Rated head	12	m	Unit efficiency	13				
Rated power	0.25	kW	Set speed.	2850	r/min	Inlet.Dia.	25	mm	Outlet.Dia.	25	mm
Table difference	1.09	m	Atm.Press	102.3	kPa	Water Temp	26.0	℃	Ambient Temp	30.0	℃

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	12.18	2876.6	220.04	1.89	0.347	0.833	0.00
2	1.26	11.79	2858.6	220.03	1.98	0.375	0.863	10.76
3	1.55	11.70	2853.7	220.04	2.00	0.382	0.870	12.89
4	1.82	11.67	2848.1	220.03	2.02	0.391	0.878	14.75
5	2.37	11.34	2834.4	220.04	2.08	0.408	0.892	17.89
6	2.67	11.12	2828.9	220.03	2.10	0.415	0.896	19.43
7	3.03	10.81	2820.9	220.04	2.14	0.426	0.904	20.88
8	3.40	10.44	2812.0	220.02	2.19	0.439	0.912	21.96
9	3.81	9.99	2804.1	220.02	2.23	0.451	0.918	22.92
10	4.37	9.20	2792.4	220.02	2.28	0.466	0.926	23.43
11	4.69	8.65	2785.8	220.03	2.31	0.475	0.935	23.19
12	5.02	8.11	2782.4	220.00	2.34	0.480	0.932	23.03
13	5.66	6.58	2768.1	220.02	2.41	0.496	0.936	20.39
14								
15								

(Performance curve)



ONE PUMP

QR/ZD/BZ32-02 (Report No) : DK2023072604

Model	QDX7-18-0.75A		Product NO			Testing purpose			Source of sample		
Rated flow	7	m^3/h	Rated head	18	m	Unit efficiency	34.5	%	Rated voltage/Frequency	220/49.99	V/Hz
Rated power	0.75	kW	Set speed.	2850	r/min	Inlet.Dia.	40	mm	Outlet.Dia.	40	mm
Table difference	1.09	m	Atm.Press	102.3	kPa	Water Temp	24.6	℃	Ambient Temp	30.0	℃

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	18.12	2942.5	219.97	4.03	0.753	0.850	0.00
2	1.85	18.08	2936.3	218.88	4.19	0.807	0.879	11.24
3	4.70	18.24	2919.7	219.46	4.67	0.934	0.911	24.96
4	5.65	18.24	2912.6	218.82	4.84	0.978	0.924	28.60
5	7.01	18.13	2901.5	220.01	5.13	1.043	0.925	33.08
6	8.47	17.66	2892.3	220.13	5.41	1.117	0.937	36.37
7	9.84	16.99	2883.1	220.12	5.67	1.179	0.944	38.54
8	12.53	14.03	2865.5	219.63	6.19	1.298	0.956	36.79
9	15.28	11.95	2844.0	219.66	6.70	1.413	0.960	35.12
10	19.59	5.13	2820.6	219.48	7.30	1.544	0.963	17.69
11								
12								
13								
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(Performance curve)