

Kawayama Stainless Steel Water-Pumps

Report of Pump Performance

FILE NO.

Date: 2020/1/16

Pump Specification			
Customer	利隆		
Type	S0125		
Outlet	1	Inlet	1"
Read Head	16.0 m	Read Flow	315 L/min
Max. Head	37.55 m	Max. Flow	84 L/min
EFF.	18.34 %	Impeller	123×1
Serial No.	110V		

Motor Specification			
Maker	利隆		
Type		Ins.	E
Rated Out.	1 HP	Freq.	60 HZ
Voltage	110 V	Max Curr.	16.9 A
Phase	1	Pole	2 P
Speed	3450 rpm	EFF.	80.00 %
Serial No.			

Performance

NO	Pump								Motor					
	Flow	Tatol H	Head	Vacuum	H.V.	P.Height	Pump P.	P.EFF.	Voltage	Current	In. Power	Shaft P.	M.EFF.	P.F.
	L/min	m	m	m	m	m	kW	%	V	A	kW	kW	%	%
1	0	37.54	35.00	0.00	0.00	2.55	0.00	0.00	109.7	15.66	1.502	1.20	80.00	87.40
2	20	32.04	29.50	0.00	0.00	2.55	0.11	8.70	110.7	15.80	1.528	1.22	80.00	87.35
3	24	31.24	28.70	0.00	0.00	2.55	0.12	9.62	110.6	16.07	1.559	1.25	80.00	87.65
4	27	30.64	28.10	0.00	0.00	2.55	0.13	10.77	110.6	16.05	1.558	1.25	80.00	87.67
5	30	29.74	27.20	0.00	0.00	2.55	0.15	11.81	110.6	16.11	1.564	1.25	80.00	87.75
6	34	29.04	26.50	0.00	0.00	2.55	0.16	12.91	110.6	16.05	1.558	1.25	80.00	87.69
7	38	28.24	25.70	0.00	0.00	2.55	0.17	13.81	110.6	16.20	1.575	1.26	80.00	87.87
8	42	27.44	24.90	0.00	0.00	2.55	0.19	14.72	110.6	16.28	1.584	1.27	80.00	87.94
9	42	27.44	24.90	0.00	0.00	2.55	0.19	14.82	110.6	16.24	1.581	1.26	80.00	87.95
10	42	27.44	24.90	0.00	0.00	2.55	0.19	14.93	110.6	16.14	1.570	1.26	80.00	87.87
11	45	26.74	24.20	0.00	0.00	2.55	0.20	15.65	110.6	16.28	1.585	1.27	80.00	88.00
12	45	26.64	24.10	0.00	0.00	2.55	0.20	15.54	110.6	16.33	1.590	1.27	80.00	88.05
13	45	26.44	23.90	0.00	0.00	2.55	0.20	15.54	110.6	16.21	1.578	1.26	80.00	87.97
14	49	25.74	23.20	0.00	0.00	2.55	0.21	16.17	110.5	16.41	1.600	1.28	80.00	88.15
15	49	25.84	23.30	0.00	0.00	2.55	0.21	16.33	110.6	16.35	1.594	1.28	80.00	88.11
16	49	25.74	23.20	0.00	0.00	2.55	0.21	16.35	110.6	16.28	1.586	1.27	80.00	88.07
17	54	24.64	22.10	0.00	0.00	2.55	0.22	17.09	110.6	16.39	1.599	1.28	80.00	88.19
18	54	24.54	22.00	0.00	0.00	2.55	0.22	17.05	110.6	16.39	1.599	1.28	80.00	88.20
19	55	24.64	22.10	0.00	0.00	2.55	0.22	17.13	110.5	16.42	1.602	1.28	80.00	88.24
20	59	23.34	20.80	0.00	0.00	2.55	0.23	17.66	110.5	16.43	1.603	1.28	80.00	88.26
21	59	23.34	20.80	0.00	0.00	2.55	0.23	17.63	110.5	16.46	1.607	1.29	80.00	88.30
22	60	23.44	20.90	0.00	0.00	2.55	0.23	17.78	110.5	16.42	1.603	1.28	80.00	88.28
23	64	22.24	19.70	0.00	0.00	2.55	0.23	18.04	110.5	16.56	1.619	1.30	80.00	88.41
24	65	22.14	19.60	0.00	0.00	2.55	0.23	18.07	110.5	16.55	1.617	1.29	80.00	88.40
25	69	20.94	18.40	0.00	0.00	2.55	0.24	18.15	110.5	16.67	1.632	1.31	80.00	88.53
26	69	20.94	18.40	0.00	0.00	2.55	0.24	18.22	110.5	16.61	1.625	1.30	80.00	88.48
27	74	19.84	17.30	0.00	0.00	2.55	0.24	18.34	110.5	16.65	1.629	1.30	80.00	88.53
28	78	18.24	15.70	0.00	0.00	2.55	0.23	17.83	110.5	16.64	1.628	1.30	80.00	88.54
29	82	17.14	14.60	0.00	0.00	2.55	0.23	17.27	110.4	16.92	1.659	1.33	80.00	88.76
30	84	3.25	0.70	0.00	0.00	2.55	0.04	3.72	110.8	15.46	1.499	1.20	80.00	87.49

Approved by:

Reviewed by:

Tested by: