

VS側溝流速・流量表 1100～1500サイズ

H2010.11版

計算表の説明 P1
縦断・横断流速・流量表 P2～21

水深余裕高 $f(m)$ $f = C - 0.8 \times C$ (八割水深で計算)

通水断面積 $A(m^2)$ と潤辺 $P(m)$

f (水深余裕高) $\geq s$ (ハンチ高)のとき

通水断面積 $A = a \times (c - f)$

潤辺 $P = P1 + P2$

(プレキャスト部) $P1 = 2 \times (c - f)$

(現場打ち部) $P2 = a$

$f < s$ のとき

通水断面積 $A = a \times (c - f) + (s - f) \times (a - s + f)$

潤辺 $P = P1 + P2$

(プレキャスト部) $P1 = 2 \times (c - s) + 2\sqrt{2} \times (s - f)$

(現場打ち部) $P2 = a$

粗度係数 n ※道路土工要綱(平成21年度版)より

プレキャスト部 $n1 = 0.013$

現場打ち部 $n2 = 0.015$

粗度係数 $n = \{ 1/P \times (P1 \times n1^{1.5} + P2 \times n2^{1.5}) \}^{2/3}$

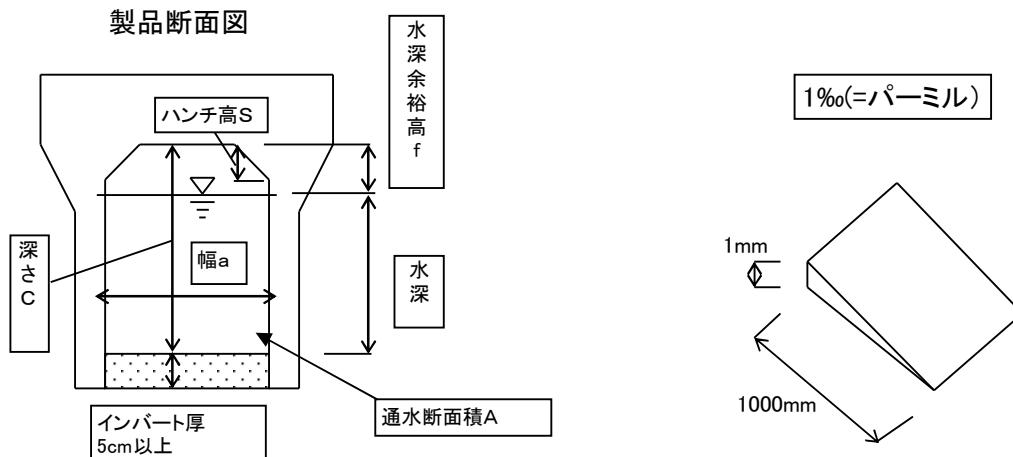
径深 $R(m)$ $R = A / P$

流速 $V(m/s)$ $V = 1/n \times R^{2/3} \times I^{1/2}$

流量 $Q(m^3/s)$ $Q = A \times V$

※流速・流量はマンニング公式に基づいて計算しております。

水路勾配 $I(\%)$ 1‰ (パーミル) $= 0.1\%$



松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1100×600		1100×700		1100×800		1100×900		1100×1000	
幅 a(m)		1.100		1.100		1.100		1.100		1.100	
深さ c(m)		0.600		0.700		0.800		0.900		1.000	
ハンチ高 s(m)		0.110		0.110		0.110		0.110		0.110	
水深余裕高 f(m)		0.120		0.140		0.160		0.180		0.200	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		0.960		1.120		1.280		1.440		1.600	
P2		1.100		1.100		1.100		1.100		1.100	
潤辺 P1+P2(m)		2.060		2.220		2.380		2.540		2.700	
粗度係数n		0.0141		0.0140		0.0139		0.0139		0.0138	
水深(m)		0.480		0.560		0.640		0.720		0.800	
通水断面面積 A(m ²)		0.528		0.616		0.704		0.792		0.880	
潤辺 P(m)		2.060		2.220		2.380		2.540		2.700	
径深 R(m)		0.2563		0.2775		0.2958		0.3118		0.3259	
R ^{2/3}		0.4035		0.4254		0.4439		0.4598		0.4736	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	2.862	1.5111	3.039	1.8720	3.194	2.2486	3.308	2.6199	3.432	3.0202
9.0	0.09487	2.715	1.4335	2.883	1.7759	3.030	2.1331	3.138	2.4853	3.256	2.8653
8.0	0.08944	2.560	1.3517	2.718	1.6743	2.856	2.0106	2.959	2.3435	3.069	2.7007
7.0	0.08367	2.394	1.2640	2.542	1.5659	2.672	1.8811	2.768	2.1923	2.871	2.5265
6.0	0.07746	2.217	1.1706	2.354	1.4501	2.474	1.7417	2.562	2.0291	2.658	2.3390
5.5	0.07416	2.122	1.1204	2.253	1.3878	2.368	1.6671	2.453	1.9428	2.545	2.2396
5.0	0.07071	2.024	1.0687	2.149	1.3238	2.258	1.5896	2.339	1.8525	2.427	2.1358
4.8	0.06928	1.983	1.0470	2.105	1.2967	2.212	1.5572	2.292	1.8153	2.378	2.0926
4.6	0.06782	1.941	1.0248	2.061	1.2696	2.166	1.5249	2.243	1.7765	2.328	2.0486
4.5	0.06708	1.920	1.0138	2.038	1.2554	2.142	1.5080	2.219	1.7574	2.302	2.0258
4.4	0.06633	1.898	1.0021	2.015	1.2412	2.118	1.4911	2.194	1.7376	2.276	2.0029
4.2	0.06481	1.855	0.9794	1.969	1.2129	2.070	1.4573	2.144	1.6980	2.224	1.9571
4.0	0.06325	1.810	0.9557	1.922	1.1840	2.020	1.4221	2.092	1.6569	2.171	1.9105
3.8	0.06164	1.764	0.9314	1.873	1.1538	1.968	1.3855	2.039	1.6149	2.115	1.8612
3.6	0.06000	1.717	0.9066	1.823	1.1230	1.916	1.3489	1.985	1.5721	2.059	1.8119
3.5	0.05916	1.693	0.8939	1.798	1.1076	1.889	1.3299	1.957	1.5499	2.030	1.7864
3.4	0.05831	1.669	0.8812	1.772	1.0916	1.862	1.3108	1.929	1.5278	2.001	1.7609
3.2	0.05657	1.619	0.8548	1.719	1.0589	1.807	1.2721	1.871	1.4818	1.941	1.7081
3.0	0.05477	1.567	0.8274	1.664	1.0250	1.749	1.2313	1.812	1.4351	1.880	1.6544
2.8	0.05292	1.514	0.7994	1.608	0.9905	1.690	1.1898	1.751	1.3868	1.816	1.5981
2.6	0.05099	1.459	0.7704	1.549	0.9542	1.628	1.1461	1.687	1.3361	1.750	1.5400
2.5	0.05000	1.431	0.7556	1.519	0.9357	1.597	1.1243	1.654	1.3100	1.716	1.5101
2.4	0.04899	1.402	0.7403	1.489	0.9172	1.565	1.1018	1.621	1.2838	1.681	1.4793
2.2	0.04690	1.342	0.7086	1.425	0.8778	1.498	1.0546	1.551	1.2284	1.610	1.4168
2.0	0.04472	1.280	0.6758	1.359	0.8371	1.428	1.0053	1.479	1.1714	1.535	1.3508
1.9	0.04359	1.247	0.6584	1.325	0.8162	1.392	0.9800	1.442	1.1421	1.496	1.3165
1.8	0.04243	1.214	0.6410	1.289	0.7940	1.355	0.9539	1.404	1.1120	1.456	1.2813
1.7	0.04123	1.180	0.6230	1.253	0.7718	1.317	0.9272	1.364	1.0803	1.415	1.2452
1.6	0.04000	1.145	0.6046	1.215	0.7484	1.277	0.8990	1.323	1.0478	1.373	1.2082
1.5	0.03873	1.108	0.5850	1.177	0.7250	1.237	0.8708	1.281	1.0146	1.329	1.1695
1.4	0.03742	1.071	0.5655	1.137	0.7004	1.195	0.8413	1.238	0.9805	1.284	1.1299
1.3	0.03606	1.032	0.5449	1.096	0.6751	1.152	0.8110	1.193	0.9449	1.238	1.0894
1.2	0.03464	0.991	0.5232	1.053	0.6486	1.106	0.7786	1.146	0.9076	1.189	1.0463
1.1	0.03317	0.949	0.5011	1.008	0.6209	1.059	0.7455	1.097	0.8688	1.138	1.0014
1.0	0.03162	0.905	0.4778	0.961	0.5920	1.010	0.7110	1.046	0.8284	1.085	0.9548
0.9	0.03000	0.859	0.4536	0.912	0.5618	0.958	0.6744	0.992	0.7857	1.030	0.9064
0.8	0.02828	0.809	0.4272	0.859	0.5291	0.903	0.6357	0.935	0.7405	0.971	0.8545
0.7	0.02646	0.757	0.3997	0.804	0.4953	0.845	0.5949	0.875	0.6930	0.908	0.7990
0.6	0.02449	0.701	0.3701	0.744	0.4583	0.782	0.5505	0.810	0.6415	0.840	0.7392
0.5	0.02236	0.640	0.3379	0.679	0.4183	0.714	0.5027	0.740	0.5861	0.767	0.6750
0.4	0.02000	0.572	0.3020	0.608	0.3745	0.639	0.4499	0.662	0.5243	0.686	0.6037
0.3	0.01732	0.496	0.2619	0.526	0.3240	0.553	0.3893	0.573	0.4538	0.594	0.5227
0.2	0.01414	0.405	0.2138	0.430	0.2649	0.452	0.3182	0.468	0.3707	0.485	0.4268
0.1	0.01000	0.286	0.1510	0.304	0.1873	0.319	0.2246	0.331	0.2622	0.343	0.3018

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

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■流速流量表 (縦断用・横断用共通)

呼び名		1100×1100		1100×1200		1100×1300		1100×1400		1100×1500	
幅 a(m)		1.100		1.100		1.100		1.100		1.100	
深さ c(m)		1.100		1.200		1.300		1.400		1.500	
ハンチ高 s(m)		0.110		0.110		0.110		0.110		0.110	
水深余裕高 f(m)		0.220		0.240		0.260		0.280		0.300	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		1.760		1.920		2.080		2.240		2.400	
P2		1.100		1.100		1.100		1.100		1.100	
潤辺 P1+P2(m)		2.860		3.020		3.180		3.340		3.500	
粗度係数n		0.0138		0.0137		0.0137		0.0137		0.0136	
水深(m)		0.880		0.960		1.040		1.120		1.200	
通水断面積 A(m ²)		0.968		1.056		1.144		1.232		1.320	
潤辺 P(m)		2.860		3.020		3.180		3.340		3.500	
径深 R(m)		0.3385		0.3497		0.3597		0.3689		0.3771	
R ^{2/3}		0.4857		0.4964		0.5058		0.5144		0.5220	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.520	3.4074	3.623	3.8259	3.692	4.2236	3.755	4.6262	3.838	5.0662
9.0	0.09487	3.339	3.2322	3.437	3.6295	3.503	4.0074	3.562	4.3884	3.641	4.8061
8.0	0.08944	3.148	3.0473	3.241	3.4225	3.302	3.7775	3.358	4.1371	3.433	4.5316
7.0	0.08367	2.945	2.8508	3.032	3.2018	3.089	3.5338	3.142	3.8709	3.211	4.2385
6.0	0.07746	2.726	2.6388	2.807	2.9642	2.860	3.2718	2.908	3.5827	2.973	3.9244
5.5	0.07416	2.610	2.5265	2.687	2.8375	2.738	3.1323	2.785	3.4311	2.846	3.7567
5.0	0.07071	2.489	2.4094	2.562	2.7055	2.611	2.9870	2.655	3.2710	2.714	3.5825
4.8	0.06928	2.438	2.3600	2.510	2.6506	2.558	2.9264	2.601	3.2044	2.659	3.5099
4.6	0.06782	2.387	2.3106	2.457	2.5946	2.504	2.8646	2.546	3.1367	2.603	3.4360
4.5	0.06708	2.361	2.2854	2.431	2.5671	2.477	2.8337	2.519	3.1034	2.575	3.3990
4.4	0.06633	2.335	2.2603	2.403	2.5376	2.449	2.8017	2.491	3.0689	2.546	3.3607
4.2	0.06481	2.281	2.2080	2.348	2.4795	2.393	2.7376	2.433	2.9975	2.488	3.2842
4.0	0.06325	2.226	2.1548	2.292	2.4204	2.335	2.6712	2.375	2.9260	2.428	3.2050
3.8	0.06164	2.169	2.0996	2.233	2.3580	2.276	2.6037	2.314	2.8508	2.366	3.1231
3.6	0.06000	2.112	2.0444	2.174	2.2957	2.215	2.5340	2.253	2.7757	2.303	3.0400
3.5	0.05916	2.082	2.0154	2.144	2.2641	2.184	2.4985	2.221	2.7363	2.271	2.9977
3.4	0.05831	2.052	1.9863	2.113	2.2313	2.153	2.4630	2.189	2.6968	2.238	2.9542
3.2	0.05657	1.991	1.9273	2.050	2.1648	2.089	2.3898	2.124	2.6168	2.171	2.8657
3.0	0.05477	1.928	1.8663	1.985	2.0962	2.022	2.3132	2.056	2.5330	2.102	2.7746
2.8	0.05292	1.863	1.8034	1.917	2.0244	1.954	2.2354	1.987	2.4480	2.031	2.6809
2.6	0.05099	1.795	1.7376	1.848	1.9515	1.883	2.1542	1.915	2.3593	1.957	2.5832
2.5	0.05000	1.760	1.7037	1.812	1.9135	1.846	2.1118	1.877	2.3125	1.919	2.5331
2.4	0.04899	1.724	1.6688	1.775	1.8744	1.809	2.0695	1.839	2.2656	1.880	2.4816
2.2	0.04690	1.651	1.5982	1.699	1.7941	1.732	1.9814	1.761	2.1696	1.800	2.3760
2.0	0.04472	1.574	1.5236	1.620	1.7107	1.651	1.8887	1.679	2.0685	1.716	2.2651
1.9	0.04359	1.534	1.4849	1.579	1.6674	1.609	1.8407	1.637	2.0168	1.673	2.2084
1.8	0.04243	1.493	1.4452	1.537	1.6231	1.567	1.7926	1.593	1.9626	1.629	2.1503
1.7	0.04123	1.451	1.4046	1.494	1.5777	1.522	1.7412	1.548	1.9071	1.583	2.0896
1.6	0.04000	1.408	1.3629	1.449	1.5301	1.477	1.6897	1.502	1.8505	1.535	2.0262
1.5	0.03873	1.363	1.3194	1.403	1.4816	1.430	1.6359	1.454	1.7913	1.487	1.9628
1.4	0.03742	1.317	1.2749	1.356	1.4319	1.382	1.5810	1.405	1.7310	1.436	1.8955
1.3	0.03606	1.269	1.2284	1.307	1.3802	1.331	1.5227	1.354	1.6681	1.384	1.8269
1.2	0.03464	1.219	1.1800	1.255	1.3253	1.279	1.4632	1.301	1.6028	1.330	1.7556
1.1	0.03317	1.167	1.1297	1.202	1.2693	1.225	1.4014	1.245	1.5338	1.273	1.6804
1.0	0.03162	1.113	1.0774	1.146	1.2102	1.167	1.3350	1.187	1.4624	1.214	1.6025
0.9	0.03000	1.056	1.0222	1.087	1.1479	1.108	1.2676	1.126	1.3872	1.151	1.5193
0.8	0.02828	0.995	0.9632	1.025	1.0824	1.044	1.1943	1.062	1.3084	1.085	1.4322
0.7	0.02646	0.931	0.9012	0.959	1.0127	0.977	1.1177	0.994	1.2246	1.016	1.3411
0.6	0.02449	0.862	0.8344	0.887	0.9367	0.904	1.0342	0.920	1.1334	0.940	1.2408
0.5	0.02236	0.787	0.7618	0.810	0.8554	0.826	0.9449	0.840	1.0349	0.858	1.1326
0.4	0.02000	0.704	0.6815	0.725	0.7656	0.738	0.8443	0.751	0.9252	0.768	1.0138
0.3	0.01732	0.610	0.5905	0.628	0.6632	0.639	0.7310	0.650	0.8008	0.665	0.8778
0.2	0.01414	0.498	0.4821	0.512	0.5407	0.522	0.5972	0.531	0.6542	0.543	0.7168
0.1	0.01000	0.352	0.3407	0.362	0.3823	0.369	0.4221	0.375	0.4620	0.384	0.5069

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1100×1600		1100×1700		1100×1800		1100×1900		1100×2000	
幅 a(m)		1.100		1.100		1.100		1.100		1.100	
深さ c(m)		1.600		1.700		1.800		1.900		2.000	
ハンチ高 s(m)		0.110		0.110		0.110		0.110		0.110	
水深余裕高 f(m)		0.320		0.340		0.360		0.380		0.400	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		2.560		2.720		2.880		3.040		3.200	
P2		1.100		1.100		1.100		1.100		1.100	
潤辺 P1+P2(m)		3.660		3.820		3.980		4.140		4.300	
粗度係数n		0.0136		0.0136		0.0136		0.0135		0.0135	
水深(m)		1.280		1.360		1.440		1.520		1.600	
通水断面積 A(m ²)		1.408		1.496		1.584		1.672		1.760	
潤辺 P(m)		3.660		3.820		3.980		4.140		4.300	
径深 R(m)		0.3847		0.3916		0.3980		0.4039		0.4093	
R ^{2/3}		0.5290		0.5353		0.5411		0.5464		0.5513	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.890	5.4771	3.936	5.8883	3.979	6.3027	4.047	6.7666	4.084	7.1878
9.0	0.09487	3.690	5.1955	3.734	5.5861	3.775	5.9796	3.840	6.4205	3.874	6.8182
8.0	0.08944	3.479	4.8984	3.520	5.2659	3.559	5.6375	3.620	6.0526	3.652	6.4275
7.0	0.08367	3.255	4.5830	3.293	4.9263	3.329	5.2731	3.386	5.6614	3.417	6.0139
6.0	0.07746	3.013	4.2423	3.049	4.5613	3.082	4.8819	3.135	5.2417	3.163	5.5669
5.5	0.07416	2.885	4.0621	2.919	4.3668	2.951	4.6744	3.002	5.0193	3.028	5.3293
5.0	0.07071	2.750	3.8720	2.783	4.1634	2.813	4.4558	2.862	4.7853	2.888	5.0829
4.8	0.06928	2.695	3.7946	2.727	4.0796	2.756	4.3655	2.804	4.6883	2.829	4.9790
4.6	0.06782	2.638	3.7143	2.669	3.9928	2.698	4.2736	2.745	4.5896	2.770	4.8752
4.5	0.06708	2.609	3.6735	2.640	3.9494	2.669	4.2277	2.715	4.5395	2.739	4.8206
4.4	0.06633	2.580	3.6326	2.611	3.9061	2.639	4.1802	2.685	4.4893	2.709	4.7678
4.2	0.06481	2.521	3.5496	2.551	3.8163	2.579	4.0851	2.623	4.3857	2.647	4.6587
4.0	0.06325	2.460	3.4637	2.490	3.7250	2.517	3.9869	2.560	4.2803	2.583	4.5461
3.8	0.06164	2.398	3.3764	2.426	3.6293	2.452	3.8840	2.495	4.1716	2.517	4.4299
3.6	0.06000	2.334	3.2863	2.362	3.5336	2.387	3.7810	2.428	4.0596	2.450	4.3120
3.5	0.05916	2.301	3.2398	2.329	3.4842	2.354	3.7287	2.394	4.0028	2.416	4.2522
3.4	0.05831	2.268	3.1933	2.295	3.4333	2.320	3.6749	2.360	3.9459	2.381	4.1906
3.2	0.05657	2.200	3.0976	2.227	3.3316	2.251	3.5656	2.290	3.8289	2.310	4.0656
3.0	0.05477	2.130	2.9990	2.156	3.2254	2.179	3.4515	2.217	3.7068	2.237	3.9371
2.8	0.05292	2.058	2.8977	2.083	3.1162	2.106	3.3359	2.142	3.5814	2.161	3.8034
2.6	0.05099	1.983	2.7921	2.007	3.0025	2.029	3.2139	2.064	3.4510	2.082	3.6643
2.5	0.05000	1.945	2.7386	1.968	2.9441	1.989	3.1506	2.024	3.3841	2.042	3.5939
2.4	0.04899	1.906	2.6836	1.928	2.8843	1.949	3.0872	1.983	3.3156	2.001	3.5218
2.2	0.04690	1.824	2.5682	1.846	2.7616	1.866	2.9557	1.898	3.1735	1.915	3.3704
2.0	0.04472	1.739	2.4485	1.760	2.6330	1.779	2.8179	1.810	3.0263	1.826	3.2138
1.9	0.04359	1.696	2.3880	1.716	2.5671	1.734	2.7467	1.764	2.9494	1.780	3.1328
1.8	0.04243	1.650	2.3232	1.670	2.4983	1.688	2.6738	1.717	2.8708	1.733	3.0501
1.7	0.04123	1.604	2.2584	1.623	2.4280	1.640	2.5978	1.669	2.7906	1.684	2.9638
1.6	0.04000	1.556	2.1908	1.574	2.3547	1.591	2.5201	1.619	2.7070	1.633	2.8741
1.5	0.03873	1.506	2.1204	1.524	2.2799	1.541	2.4409	1.568	2.6217	1.582	2.7843
1.4	0.03742	1.456	2.0500	1.473	2.2036	1.489	2.3586	1.515	2.5331	1.528	2.6893
1.3	0.03606	1.403	1.9754	1.419	2.1228	1.435	2.2730	1.459	2.4394	1.473	2.5925
1.2	0.03464	1.347	1.8966	1.363	2.0390	1.378	2.1828	1.402	2.3441	1.415	2.4904
1.1	0.03317	1.290	1.8163	1.306	1.9538	1.320	2.0909	1.343	2.2455	1.355	2.3848
1.0	0.03162	1.230	1.7318	1.245	1.8625	1.258	1.9927	1.280	2.1402	1.291	2.2722
0.9	0.03000	1.167	1.6431	1.181	1.7668	1.194	1.8913	1.214	2.0298	1.225	2.1560
0.8	0.02828	1.100	1.5488	1.113	1.6650	1.125	1.7820	1.145	1.9144	1.155	2.0328
0.7	0.02646	1.029	1.4488	1.041	1.5573	1.053	1.6680	1.071	1.7907	1.081	1.9026
0.6	0.02449	0.953	1.3418	0.964	1.4421	0.974	1.5428	0.991	1.6570	1.000	1.7600
0.5	0.02236	0.870	1.2250	0.880	1.3165	0.890	1.4098	0.905	1.5132	0.913	1.6069
0.4	0.02000	0.778	1.0954	0.787	1.1774	0.796	1.2609	0.809	1.3526	0.817	1.4379
0.3	0.01732	0.674	0.9490	0.682	1.0203	0.689	1.0914	0.701	1.1721	0.707	1.2443
0.2	0.01414	0.550	0.7744	0.557	0.8333	0.563	0.8918	0.572	0.9564	0.577	1.0155
0.1	0.01000	0.389	0.5477	0.394	0.5894	0.398	0.6304	0.405	0.6772	0.408	0.7181

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

■流速流量表 (縦断用・横断用共通)

呼び名		1100×2100		1100×2200	
幅 a(m)		1.100		1.100	
深さ c(m)		2.100		2.200	
ハンチ高 s(m)		0.110		0.110	
水深余裕高 f(m)		0.420		0.440	
粗度係数(プレキャスト部)		0.013		0.013	
粗度係数(現場打部)		0.015		0.015	
P1		3.360		3.520	
P2		1.100		1.100	
潤辺 P1+P2(m)		4.460		4.620	
粗度係数n		0.0135		0.0135	
水深(m)		1.680		1.760	
通水断面積 A(m ²)		1.848		1.936	
潤辺 P(m)		4.460		4.620	
径深 R(m)		0.4143		0.4190	
R ^{2/3}		0.5557		0.5599	
I(‰)	I ^{1/2}	V	Q	V	Q
10.0	0.10000	4.116	7.6064	4.147	8.0286
9.0	0.09487	3.905	7.2164	3.935	7.6182
8.0	0.08944	3.682	6.8043	3.709	7.1806
7.0	0.08367	3.444	6.3645	3.470	6.7179
6.0	0.07746	3.188	5.8914	3.213	6.2204
5.5	0.07416	3.053	5.6419	3.076	5.9551
5.0	0.07071	2.911	5.3795	2.933	5.6783
4.8	0.06928	2.852	5.2705	2.873	5.5621
4.6	0.06782	2.792	5.1596	2.813	5.4460
4.5	0.06708	2.761	5.1023	2.782	5.3860
4.4	0.06633	2.730	5.0450	2.751	5.3259
4.2	0.06481	2.668	4.9305	2.688	5.2040
4.0	0.06325	2.604	4.8122	2.623	5.0781
3.8	0.06164	2.537	4.6884	2.556	4.9484
3.6	0.06000	2.470	4.5646	2.488	4.8168
3.5	0.05916	2.435	4.4999	2.454	4.7509
3.4	0.05831	2.400	4.4352	2.418	4.6812
3.2	0.05657	2.329	4.3040	2.346	4.5419
3.0	0.05477	2.254	4.1654	2.272	4.3986
2.8	0.05292	2.178	4.0249	2.195	4.2495
2.6	0.05099	2.099	3.8790	2.115	4.0946
2.5	0.05000	2.058	3.8032	2.074	4.0153
2.4	0.04899	2.017	3.7274	2.032	3.9340
2.2	0.04690	1.931	3.5685	1.945	3.7655
2.0	0.04472	1.841	3.4022	1.855	3.5913
1.9	0.04359	1.794	3.3153	1.808	3.5003
1.8	0.04243	1.747	3.2285	1.760	3.4074
1.7	0.04123	1.697	3.1361	1.710	3.3106
1.6	0.04000	1.647	3.0437	1.659	3.2118
1.5	0.03873	1.594	2.9457	1.606	3.1092
1.4	0.03742	1.540	2.8459	1.552	3.0047
1.3	0.03606	1.484	2.7424	1.496	2.8963
1.2	0.03464	1.426	2.6352	1.437	2.7820
1.1	0.03317	1.365	2.5225	1.376	2.6639
1.0	0.03162	1.302	2.4061	1.311	2.5381
0.9	0.03000	1.235	2.2823	1.244	2.4084
0.8	0.02828	1.164	2.1511	1.173	2.2709
0.7	0.02646	1.089	2.0125	1.097	2.1238
0.6	0.02449	1.008	1.8628	1.016	1.9670
0.5	0.02236	0.920	1.7002	0.927	1.7947
0.4	0.02000	0.823	1.5209	0.829	1.6049
0.3	0.01732	0.713	1.3176	0.718	1.3900
0.2	0.01414	0.582	1.0755	0.586	1.1345
0.1	0.01000	0.412	0.7614	0.415	0.8034

※Iは勾配(‰)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1200×600		1200×700		1200×800		1200×900		1200×1000	
幅 a(m)		1.200		1.200		1.200		1.200		1.200	
深さ c(m)		0.600		0.700		0.800		0.900		1.000	
ハンチ高 s(m)		0.120		0.120		0.120		0.120		0.120	
水深余裕高 f(m)		0.120		0.140		0.160		0.180		0.200	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		0.960		1.120		1.280		1.440		1.600	
P2		1.200		1.200		1.200		1.200		1.200	
潤辺 P1+P2(m)		2.16		2.32		2.48		2.64		2.8	
粗度係数n		0.0141		0.0141		0.0140		0.0139		0.0139	
水深(m)		0.480		0.560		0.640		0.720		0.800	
通水断面積 A(m ²)		0.576		0.672		0.768		0.864		0.960	
潤辺 P(m)		2.160		2.320		2.480		2.640		2.800	
径深 R(m)		0.2667		0.2897		0.3097		0.3273		0.3429	
R ^{2/3}		0.4143		0.4378		0.4577		0.4749		0.4899	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	2.938	1.6923	3.105	2.0866	3.269	2.5106	3.417	2.9523	3.524	3.3830
9.0	0.09487	2.788	1.6059	2.946	1.9797	3.102	2.3823	3.241	2.8002	3.344	3.2102
8.0	0.08944	2.628	1.5137	2.777	1.8661	2.924	2.2456	3.056	2.6404	3.152	3.0259
7.0	0.08367	2.458	1.4158	2.598	1.7459	2.735	2.1005	2.859	2.4702	2.949	2.8310
6.0	0.07746	2.276	1.3110	2.405	1.6162	2.532	1.9446	2.646	2.2861	2.730	2.6208
5.5	0.07416	2.179	1.2551	2.303	1.5476	2.425	1.8624	2.534	2.1894	2.614	2.5094
5.0	0.07071	2.078	1.1969	2.196	1.4757	2.312	1.7756	2.416	2.0874	2.492	2.3923
4.8	0.06928	2.036	1.1727	2.151	1.4455	2.265	1.7395	2.367	2.0451	2.442	2.3443
4.6	0.06782	1.993	1.1480	2.106	1.4152	2.217	1.7027	2.317	2.0019	2.390	2.2944
4.5	0.06708	1.971	1.1353	2.083	1.3998	2.193	1.6842	2.292	1.9803	2.364	2.2694
4.4	0.06633	1.949	1.1226	2.060	1.3843	2.169	1.6658	2.266	1.9578	2.338	2.2445
4.2	0.06481	1.904	1.0967	2.012	1.3521	2.119	1.6274	2.214	1.9129	2.284	2.1926
4.0	0.06325	1.858	1.0702	1.964	1.3198	2.068	1.5882	2.161	1.8671	2.229	2.1398
3.8	0.06164	1.811	1.0431	1.914	1.2862	2.015	1.5475	2.106	1.8196	2.172	2.0851
3.6	0.06000	1.763	1.0155	1.863	1.2519	1.962	1.5068	2.050	1.7712	2.115	2.0304
3.5	0.05916	1.738	1.0011	1.837	1.2345	1.934	1.4853	2.021	1.7461	2.085	2.0016
3.4	0.05831	1.713	0.9867	1.811	1.2170	1.906	1.4638	1.992	1.7211	2.055	1.9728
3.2	0.05657	1.662	0.9573	1.756	1.1800	1.849	1.4200	1.933	1.6701	1.994	1.9142
3.0	0.05477	1.609	0.9268	1.701	1.1431	1.791	1.3755	1.871	1.6165	1.930	1.8528
2.8	0.05292	1.555	0.8957	1.643	1.1041	1.730	1.3286	1.808	1.5621	1.865	1.7904
2.6	0.05099	1.498	0.8628	1.583	1.0638	1.667	1.2803	1.742	1.5051	1.797	1.7251
2.5	0.05000	1.469	0.8461	1.552	1.0429	1.635	1.2557	1.708	1.4757	1.762	1.6915
2.4	0.04899	1.439	0.8289	1.521	1.0221	1.602	1.2303	1.674	1.4463	1.727	1.6579
2.2	0.04690	1.378	0.7937	1.456	0.9784	1.533	1.1773	1.602	1.3841	1.653	1.5869
2.0	0.04472	1.314	0.7569	1.389	0.9334	1.462	1.1228	1.528	1.3202	1.576	1.5130
1.9	0.04359	1.281	0.7379	1.353	0.9092	1.425	1.0944	1.489	1.2865	1.536	1.4746
1.8	0.04243	1.247	0.7183	1.317	0.8850	1.387	1.0652	1.450	1.2528	1.495	1.4352
1.7	0.04123	1.211	0.6975	1.280	0.8602	1.348	1.0353	1.409	1.2174	1.453	1.3949
1.6	0.04000	1.175	0.6768	1.242	0.8346	1.308	1.0045	1.367	1.1811	1.410	1.3536
1.5	0.03873	1.138	0.6555	1.203	0.8084	1.266	0.9723	1.323	1.1431	1.365	1.3104
1.4	0.03742	1.100	0.6336	1.162	0.7809	1.223	0.9393	1.278	1.1042	1.319	1.2662
1.3	0.03606	1.060	0.6106	1.120	0.7526	1.179	0.9055	1.232	1.0644	1.271	1.2202
1.2	0.03464	1.018	0.5864	1.076	0.7231	1.132	0.8694	1.183	1.0221	1.221	1.1722
1.1	0.03317	0.975	0.5616	1.030	0.6922	1.084	0.8325	1.133	0.9789	1.169	1.1222
1.0	0.03162	0.929	0.5351	0.982	0.6599	1.034	0.7941	1.080	0.9331	1.114	1.0694
0.9	0.03000	0.881	0.5075	0.931	0.6256	0.981	0.7534	1.025	0.8856	1.057	1.0147
0.8	0.02828	0.831	0.4787	0.878	0.5900	0.925	0.7104	0.966	0.8346	0.997	0.9571
0.7	0.02646	0.777	0.4476	0.822	0.5524	0.865	0.6643	0.904	0.7811	0.933	0.8957
0.6	0.02449	0.720	0.4147	0.760	0.5107	0.801	0.6152	0.837	0.7232	0.863	0.8285
0.5	0.02236	0.657	0.3784	0.694	0.4664	0.731	0.5614	0.764	0.6601	0.788	0.7565
0.4	0.02000	0.588	0.3387	0.621	0.4173	0.654	0.5023	0.683	0.5901	0.705	0.6768
0.3	0.01732	0.509	0.2932	0.538	0.3615	0.566	0.4347	0.592	0.5115	0.610	0.5856
0.2	0.01414	0.415	0.2390	0.439	0.2950	0.462	0.3548	0.483	0.4173	0.498	0.4781
0.1	0.01000	0.294	0.1693	0.310	0.2083	0.327	0.2511	0.342	0.2955	0.352	0.3379

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1200×1100		1200×1200		1200×1300		1200×1400		1200×1500	
幅 a(m)		1.200		1.200		1.200		1.200		1.200	
深さ c(m)		1.100		1.200		1.300		1.400		1.500	
ハンチ高 s(m)		0.120		0.120		0.120		0.120		0.120	
水深余裕高 f(m)		0.220		0.240		0.260		0.280		0.300	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		1.760		1.920		2.080		2.240		2.400	
P2		1.200		1.200		1.200		1.200		1.200	
潤辺 P1+P2(m)		2.960		3.120		3.280		3.440		3.600	
粗度係数n		0.0138		0.0138		0.0137		0.0137		0.0137	
水深(m)		0.880		0.960		1.040		1.120		1.200	
通水断面積 A(m ²)		1.056		1.152		1.248		1.344		1.440	
潤辺 P(m)		2.960		3.120		3.280		3.440		3.600	
径深 R(m)		0.3568		0.3692		0.3805		0.3907		0.4000	
R ^{2/3}		0.5031		0.5146		0.5251		0.5344		0.5429	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.646	3.8502	3.729	4.2958	3.833	4.7836	3.901	5.2429	3.963	5.7067
9.0	0.09487	3.459	3.6527	3.538	4.0758	3.636	4.5377	3.701	4.9741	3.759	5.4130
8.0	0.08944	3.261	3.4436	3.335	3.8419	3.428	4.2781	3.489	4.6892	3.544	5.1034
7.0	0.08367	3.050	3.2208	3.120	3.5942	3.207	4.0023	3.264	4.3868	3.316	4.7750
6.0	0.07746	2.824	2.9821	2.888	3.3270	2.969	3.7053	3.022	4.0616	3.070	4.4208
5.5	0.07416	2.704	2.8554	2.765	3.1853	2.842	3.5468	2.893	3.8882	2.939	4.2322
5.0	0.07071	2.578	2.7224	2.637	3.0378	2.710	3.3821	2.758	3.7068	2.802	4.0349
4.8	0.06928	2.526	2.6675	2.583	2.9756	2.655	3.3134	2.702	3.6315	2.745	3.9528
4.6	0.06782	2.472	2.6104	2.529	2.9134	2.599	3.2436	2.645	3.5549	2.688	3.8707
4.5	0.06708	2.446	2.5830	2.501	2.8812	2.571	3.2086	2.617	3.5172	2.658	3.8275
4.4	0.06633	2.418	2.5534	2.473	2.8489	2.542	3.1724	2.587	3.4769	2.629	3.7858
4.2	0.06481	2.363	2.4953	2.417	2.7844	2.484	3.1000	2.528	3.3976	2.568	3.6979
4.0	0.06325	2.306	2.4351	2.359	2.7176	2.424	3.0252	2.467	3.3156	2.506	3.6086
3.8	0.06164	2.247	2.3728	2.299	2.6484	2.363	2.9490	2.404	3.2310	2.443	3.5179
3.6	0.06000	2.187	2.3095	2.237	2.5770	2.300	2.8704	2.340	3.1450	2.378	3.4243
3.5	0.05916	2.157	2.2778	2.206	2.5413	2.268	2.8305	2.308	3.1020	2.344	3.3754
3.4	0.05831	2.126	2.2451	2.174	2.5044	2.235	2.7893	2.275	3.0576	2.311	3.3278
3.2	0.05657	2.062	2.1775	2.109	2.4296	2.168	2.7057	2.207	2.9662	2.242	3.2285
3.0	0.05477	1.997	2.1088	2.042	2.3524	2.099	2.6196	2.136	2.8708	2.170	3.1248
2.8	0.05292	1.929	2.0370	1.973	2.2729	2.028	2.5309	2.064	2.7740	2.097	3.0197
2.6	0.05099	1.859	1.9631	1.901	2.1900	1.954	2.4386	1.989	2.6732	2.021	2.9102
2.5	0.05000	1.823	1.9251	1.864	2.1473	1.916	2.3912	1.950	2.6208	1.981	2.8526
2.4	0.04899	1.786	1.8860	1.827	2.1047	1.878	2.3437	1.911	2.5684	1.941	2.7950
2.2	0.04690	1.710	1.8058	1.749	2.0148	1.798	2.2439	1.829	2.4582	1.859	2.6770
2.0	0.04472	1.630	1.7213	1.668	1.9215	1.714	2.1391	1.744	2.3439	1.772	2.5517
1.9	0.04359	1.589	1.6780	1.625	1.8720	1.671	2.0854	1.700	2.2848	1.727	2.4869
1.8	0.04243	1.547	1.6336	1.582	1.8225	1.626	2.0292	1.655	2.2243	1.681	2.4206
1.7	0.04123	1.503	1.5872	1.537	1.7706	1.580	1.9718	1.608	2.1612	1.634	2.3530
1.6	0.04000	1.458	1.5396	1.492	1.7188	1.533	1.9132	1.560	2.0966	1.585	2.2824
1.5	0.03873	1.412	1.4911	1.444	1.6635	1.484	1.8520	1.511	2.0308	1.535	2.2104
1.4	0.03742	1.364	1.4404	1.395	1.6070	1.434	1.7896	1.460	1.9622	1.483	2.1355
1.3	0.03606	1.315	1.3886	1.345	1.5494	1.382	1.7247	1.407	1.8910	1.429	2.0578
1.2	0.03464	1.263	1.3337	1.292	1.4884	1.328	1.6573	1.351	1.8157	1.373	1.9771
1.1	0.03317	1.209	1.2767	1.237	1.4250	1.271	1.5862	1.294	1.7391	1.314	1.8922
1.0	0.03162	1.153	1.2176	1.179	1.3582	1.212	1.5126	1.233	1.6572	1.253	1.8043
0.9	0.03000	1.094	1.1553	1.119	1.2891	1.150	1.4352	1.170	1.5725	1.189	1.7122
0.8	0.02828	1.031	1.0887	1.055	1.2154	1.084	1.3528	1.103	1.4824	1.121	1.6142
0.7	0.02646	0.965	1.0190	0.987	1.1370	1.014	1.2655	1.032	1.3870	1.049	1.5106
0.6	0.02449	0.893	0.9430	0.913	1.0518	0.939	1.1719	0.955	1.2835	0.970	1.3968
0.5	0.02236	0.815	0.8606	0.834	0.9608	0.857	1.0695	0.872	1.1720	0.886	1.2758
0.4	0.02000	0.729	0.7698	0.746	0.8594	0.767	0.9572	0.780	1.0483	0.793	1.1419
0.3	0.01732	0.631	0.6663	0.646	0.7442	0.664	0.8287	0.676	0.9085	0.686	0.9878
0.2	0.01414	0.515	0.5438	0.527	0.6071	0.542	0.6764	0.552	0.7419	0.560	0.8064
0.1	0.01000	0.365	0.3854	0.373	0.4297	0.383	0.4780	0.390	0.5242	0.396	0.5702

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1200×1600		1200×1700		1200×1800		1200×1900		1200×2000	
幅 a(m)		1.200		1.200		1.200		1.200		1.200	
深さ c(m)		1.600		1.700		1.800		1.900		2.000	
ハンチ高 s(m)		0.120		0.120		0.120		0.120		0.120	
水深余裕高 f(m)		0.320		0.340		0.360		0.380		0.400	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		2.560		2.720		2.880		3.040		3.200	
P2		1.200		1.200		1.200		1.200		1.200	
潤辺 P1+P2(m)		3.760		3.920		4.080		4.240		4.400	
粗度係数n		0.0137		0.0136		0.0136		0.0136		0.0136	
水深(m)		1.280		1.360		1.440		1.520		1.600	
通水断面積 A(m ²)		1.536		1.632		1.728		1.824		1.920	
潤辺 P(m)		3.760		3.920		4.080		4.240		4.400	
径深 R(m)		0.4085		0.4163		0.4235		0.4302		0.4364	
R ^{2/3}		0.5505		0.5575		0.5639		0.5699		0.5753	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	4.018	6.1716	4.099	6.6896	4.146	7.1643	4.190	7.6426	4.230	8.1216
9.0	0.09487	3.812	5.8552	3.889	6.3468	3.934	6.7980	3.975	7.2504	4.013	7.7050
8.0	0.08944	3.594	5.5204	3.666	5.9829	3.708	6.4074	3.748	6.8364	3.783	7.2634
7.0	0.08367	3.362	5.1640	3.430	5.5978	3.469	5.9944	3.506	6.3949	3.539	6.7949
6.0	0.07746	3.113	4.7816	3.175	5.1816	3.212	5.5503	3.246	5.9207	3.277	6.2918
5.5	0.07416	2.980	4.5773	3.040	4.9613	3.075	5.3136	3.108	5.6690	3.137	6.0230
5.0	0.07071	2.841	4.3638	2.899	4.7312	2.932	5.0665	2.963	5.4045	2.991	5.7427
4.8	0.06928	2.784	4.2762	2.840	4.6349	2.873	4.9645	2.903	5.2951	2.931	5.6275
4.6	0.06782	2.725	4.1856	2.780	4.5370	2.812	4.8591	2.842	5.1838	2.869	5.5085
4.5	0.06708	2.695	4.1395	2.750	4.4880	2.781	4.8056	2.811	5.1273	2.838	5.4490
4.4	0.06633	2.665	4.0934	2.719	4.4374	2.750	4.7520	2.780	5.0707	2.806	5.3875
4.2	0.06481	2.604	3.9997	2.657	4.3362	2.687	4.6431	2.716	4.9540	2.742	5.2646
4.0	0.06325	2.542	3.9045	2.593	4.2318	2.623	4.5325	2.650	4.8336	2.676	5.1379
3.8	0.06164	2.477	3.8047	2.527	4.1241	2.556	4.4168	2.583	4.7114	2.607	5.0054
3.6	0.06000	2.411	3.7033	2.460	4.0147	2.488	4.2993	2.514	4.5855	2.538	4.8730
3.5	0.05916	2.377	3.6511	2.425	3.9576	2.453	4.2388	2.479	4.5217	2.503	4.8058
3.4	0.05831	2.343	3.5988	2.390	3.9005	2.418	4.1783	2.443	4.4560	2.467	4.7366
3.2	0.05657	2.273	3.4913	2.319	3.7846	2.346	4.0539	2.371	4.3247	2.393	4.5946
3.0	0.05477	2.201	3.3807	2.245	3.6638	2.271	3.9243	2.295	4.1861	2.317	4.4486
2.8	0.05292	2.126	3.2655	2.169	3.5398	2.194	3.7912	2.218	4.0456	2.239	4.2989
2.6	0.05099	2.049	3.1473	2.090	3.4109	2.114	3.6530	2.137	3.8979	2.157	4.1414
2.5	0.05000	2.009	3.0858	2.050	3.3456	2.073	3.5821	2.095	3.8213	2.115	4.0608
2.4	0.04899	1.969	3.0244	2.008	3.2771	2.031	3.5096	2.053	3.7447	2.072	3.9782
2.2	0.04690	1.885	2.8954	1.923	3.1383	1.945	3.3610	1.965	3.5842	1.984	3.8093
2.0	0.04472	1.797	2.7602	1.833	2.9915	1.854	3.2037	1.874	3.4182	1.892	3.6326
1.9	0.04359	1.752	2.6911	1.787	2.9164	1.807	3.1225	1.827	3.3324	1.844	3.5405
1.8	0.04243	1.705	2.6189	1.739	2.8380	1.759	3.0396	1.778	3.2431	1.795	3.4464
1.7	0.04123	1.657	2.5452	1.690	2.7581	1.710	2.9549	1.728	3.1519	1.744	3.3485
1.6	0.04000	1.607	2.4684	1.640	2.6765	1.659	2.8668	1.676	3.0570	1.692	3.2486
1.5	0.03873	1.556	2.3900	1.588	2.5916	1.606	2.7752	1.623	2.9604	1.638	3.1450
1.4	0.03742	1.504	2.3101	1.534	2.5035	1.552	2.6819	1.568	2.8600	1.583	3.0394
1.3	0.03606	1.449	2.2257	1.478	2.4121	1.495	2.5834	1.511	2.7561	1.525	2.9280
1.2	0.03464	1.392	2.1381	1.420	2.3174	1.436	2.4814	1.452	2.6484	1.465	2.8128
1.1	0.03317	1.333	2.0475	1.360	2.2195	1.375	2.3760	1.390	2.5354	1.403	2.6938
1.0	0.03162	1.271	1.9523	1.296	2.1151	1.311	2.2654	1.325	2.4168	1.338	2.5690
0.9	0.03000	1.205	1.8509	1.230	2.0074	1.244	2.1496	1.257	2.2928	1.269	2.4365
0.8	0.02828	1.136	1.7449	1.159	1.8915	1.173	2.0269	1.185	2.1614	1.196	2.2963
0.7	0.02646	1.063	1.6328	1.085	1.7707	1.097	1.8956	1.109	2.0228	1.119	2.1485
0.6	0.02449	0.984	1.5114	1.004	1.6385	1.015	1.7539	1.026	1.8714	1.036	1.9891
0.5	0.02236	0.898	1.3793	0.917	1.4965	0.927	1.6019	0.937	1.7091	0.946	1.8163
0.4	0.02000	0.804	1.2349	0.820	1.3382	0.829	1.4325	0.838	1.5285	0.846	1.6243
0.3	0.01732	0.696	1.0691	0.710	1.1587	0.718	1.2407	0.726	1.3242	0.733	1.4074
0.2	0.01414	0.568	0.8724	0.580	0.9466	0.586	1.0126	0.593	1.0816	0.598	1.1482
0.1	0.01000	0.402	0.6175	0.410	0.6691	0.415	0.7171	0.419	0.7643	0.423	0.8122

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

■流速流量表 (縦断用・横断用共通)

呼び名		1200×2100		1200×2200	
幅 a(m)		1.200		1.200	
深さ c(m)		2.100		2.200	
ハンチ高 s(m)		0.120		0.120	
水深余裕高 f(m)		0.420		0.440	
粗度係数(プレキャスト部)		0.013		0.013	
粗度係数(現場打部)		0.015		0.015	
P1		3.360		3.520	
P2		1.200		1.200	
潤辺 P1+P2(m)		4.560		4.720	
粗度係数n		0.0135		0.0135	
水深(m)		1.680		1.760	
通水断面積 A(m ²)		2.016		2.112	
潤辺 P(m)		4.560		4.720	
径深 R(m)		0.4421		0.4475	
R ^{2/3}		0.5803		0.5851	
I(%)	I ^{1/2}	V	Q	V	Q
10.0	0.10000	4.299	8.6668	4.334	9.1534
9.0	0.09487	4.078	8.2212	4.112	8.6845
8.0	0.08944	3.845	7.7515	3.876	8.1861
7.0	0.08367	3.597	7.2516	3.626	7.6581
6.0	0.07746	3.330	6.7133	3.357	7.0900
5.5	0.07416	3.188	6.4270	3.214	6.7880
5.0	0.07071	3.039	6.1266	3.065	6.4733
4.8	0.06928	2.978	6.0036	3.003	6.3423
4.6	0.06782	2.915	5.8766	2.939	6.2072
4.5	0.06708	2.883	5.8121	2.907	6.1396
4.4	0.06633	2.851	5.7476	2.875	6.0720
4.2	0.06481	2.786	5.6166	2.809	5.9326
4.0	0.06325	2.719	5.4815	2.741	5.7890
3.8	0.06164	2.650	5.3424	2.672	5.6433
3.6	0.06000	2.579	5.1993	2.600	5.4912
3.5	0.05916	2.543	5.1267	2.564	5.4152
3.4	0.05831	2.506	5.0521	2.527	5.3370
3.2	0.05657	2.432	4.9029	2.452	5.1786
3.0	0.05477	2.354	4.7457	2.374	5.0139
2.8	0.05292	2.275	4.5864	2.294	4.8449
2.6	0.05099	2.192	4.4191	2.210	4.6675
2.5	0.05000	2.149	4.3324	2.167	4.5767
2.4	0.04899	2.106	4.2457	2.123	4.4838
2.2	0.04690	2.016	4.0643	2.033	4.2937
2.0	0.04472	1.922	3.8748	1.938	4.0931
1.9	0.04359	1.874	3.7780	1.889	3.9896
1.8	0.04243	1.824	3.6772	1.839	3.8840
1.7	0.04123	1.772	3.5724	1.787	3.7741
1.6	0.04000	1.719	3.4655	1.734	3.6622
1.5	0.03873	1.665	3.3566	1.679	3.5460
1.4	0.03742	1.609	3.2437	1.622	3.4257
1.3	0.03606	1.550	3.1248	1.563	3.3011
1.2	0.03464	1.489	3.0018	1.501	3.1701
1.1	0.03317	1.426	2.8748	1.438	3.0371
1.0	0.03162	1.359	2.7397	1.370	2.8934
0.9	0.03000	1.290	2.6006	1.300	2.7456
0.8	0.02828	1.216	2.4515	1.226	2.5893
0.7	0.02646	1.137	2.2922	1.147	2.4225
0.6	0.02449	1.053	2.1228	1.061	2.2408
0.5	0.02236	0.961	1.9374	0.969	2.0465
0.4	0.02000	0.860	1.7338	0.867	1.8311
0.3	0.01732	0.745	1.5019	0.751	1.5861
0.2	0.01414	0.608	1.2257	0.613	1.2947
0.1	0.01000	0.430	0.8669	0.433	0.9145

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1300×600		1300×700		1300×800		1300×900		1300×1000	
幅 a(m)		1.300		1.300		1.300		1.300		1.300	
深さ c(m)		0.600		0.700		0.800		0.900		1.000	
ハンチ高 s(m)		0.130		0.130		0.130		0.130		0.130	
水深余裕高 f(m)		0.120		0.140		0.160		0.180		0.200	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		0.960		1.120		1.280		1.440		1.600	
P2		1.300		1.300		1.300		1.300		1.300	
潤辺 P1+P2(m)		2.26		2.42		2.58		2.74		2.9	
粗度係数n		0.0142		0.0141		0.0140		0.0140		0.0139	
水深(m)		0.480		0.560		0.640		0.720		0.800	
通水断面積 A(m ²)		0.624		0.728		0.832		0.936		1.040	
潤辺 P(m)		2.260		2.420		2.580		2.740		2.900	
径深 R(m)		0.2761		0.3008		0.3225		0.3416		0.3586	
R ^{2/3}		0.4240		0.4489		0.4703		0.4887		0.5047	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	2.986	1.8633	3.184	2.3180	3.359	2.7947	3.491	3.2676	3.631	3.7762
9.0	0.09487	2.833	1.7678	3.020	2.1986	3.187	2.6516	3.312	3.1000	3.445	3.5828
8.0	0.08944	2.671	1.6667	2.847	2.0726	3.005	2.5002	3.122	2.9222	3.248	3.3779
7.0	0.08367	2.498	1.5588	2.664	1.9394	2.811	2.3388	2.921	2.7341	3.038	3.1595
6.0	0.07746	2.313	1.4433	2.466	1.7952	2.602	2.1649	2.704	2.5309	2.813	2.9255
5.5	0.07416	2.214	1.3815	2.361	1.7188	2.491	2.0725	2.589	2.4233	2.693	2.8007
5.0	0.07071	2.111	1.3173	2.251	1.6387	2.375	1.9760	2.468	2.3100	2.567	2.6697
4.8	0.06928	2.069	1.2911	2.206	1.6060	2.327	1.9361	2.418	2.2632	2.516	2.6166
4.6	0.06782	2.025	1.2636	2.159	1.5718	2.278	1.8953	2.367	2.2155	2.463	2.5615
4.5	0.06708	2.003	1.2499	2.136	1.5550	2.253	1.8745	2.342	2.1921	2.436	2.5334
4.4	0.06633	1.981	1.2361	2.112	1.5375	2.228	1.8537	2.315	2.1668	2.408	2.5043
4.2	0.06481	1.935	1.2074	2.063	1.5019	2.177	1.8113	2.262	2.1172	2.353	2.4471
4.0	0.06325	1.889	1.1787	2.014	1.4662	2.125	1.7680	2.208	2.0667	2.297	2.3889
3.8	0.06164	1.841	1.1488	1.962	1.4283	2.071	1.7231	2.152	2.0143	2.238	2.3275
3.6	0.06000	1.792	1.1182	1.910	1.3905	2.016	1.6773	2.094	1.9600	2.179	2.2662
3.5	0.05916	1.766	1.1020	1.883	1.3708	1.987	1.6532	2.065	1.9328	2.148	2.2339
3.4	0.05831	1.741	1.0864	1.856	1.3512	1.959	1.6299	2.035	1.9048	2.117	2.2017
3.2	0.05657	1.689	1.0539	1.801	1.3111	1.900	1.5808	1.975	1.8486	2.054	2.1362
3.0	0.05477	1.635	1.0202	1.744	1.2696	1.840	1.5309	1.912	1.7896	1.989	2.0686
2.8	0.05292	1.580	0.9859	1.685	1.2267	1.778	1.4793	1.847	1.7288	1.921	1.9978
2.6	0.05099	1.523	0.9504	1.623	1.1815	1.713	1.4252	1.780	1.6661	1.851	1.9250
2.5	0.05000	1.493	0.9316	1.592	1.1590	1.680	1.3978	1.745	1.6333	1.815	1.8876
2.4	0.04899	1.463	0.9129	1.560	1.1357	1.646	1.3695	1.710	1.6006	1.779	1.8502
2.2	0.04690	1.400	0.8736	1.493	1.0869	1.576	1.3112	1.637	1.5322	1.703	1.7711
2.0	0.04472	1.335	0.8330	1.424	1.0367	1.502	1.2497	1.561	1.4611	1.624	1.6890
1.9	0.04359	1.302	0.8124	1.388	1.0105	1.464	1.2180	1.522	1.4246	1.583	1.6463
1.8	0.04243	1.267	0.7906	1.351	0.9835	1.425	1.1856	1.481	1.3862	1.541	1.6026
1.7	0.04123	1.231	0.7681	1.313	0.9559	1.385	1.1523	1.439	1.3469	1.497	1.5569
1.6	0.04000	1.194	0.7451	1.273	0.9267	1.344	1.1182	1.396	1.3067	1.452	1.5101
1.5	0.03873	1.156	0.7213	1.233	0.8976	1.301	1.0824	1.352	1.2655	1.406	1.4622
1.4	0.03742	1.117	0.6970	1.191	0.8670	1.257	1.0458	1.306	1.2224	1.359	1.4134
1.3	0.03606	1.077	0.6720	1.148	0.8357	1.211	1.0076	1.259	1.1784	1.309	1.3614
1.2	0.03464	1.034	0.6452	1.103	0.8030	1.164	0.9684	1.209	1.1316	1.258	1.3083
1.1	0.03317	0.990	0.6178	1.056	0.7688	1.114	0.9268	1.158	1.0839	1.204	1.2522
1.0	0.03162	0.944	0.5891	1.007	0.7331	1.062	0.8836	1.104	1.0333	1.148	1.1939
0.9	0.03000	0.896	0.5591	0.955	0.6952	1.008	0.8387	1.047	0.9800	1.089	1.1326
0.8	0.02828	0.844	0.5267	0.900	0.6552	0.950	0.7904	0.987	0.9238	1.027	1.0681
0.7	0.02646	0.790	0.4930	0.842	0.6130	0.889	0.7396	0.924	0.8649	0.961	0.9994
0.6	0.02449	0.731	0.4561	0.780	0.5678	0.823	0.6847	0.855	0.8003	0.889	0.9246
0.5	0.02236	0.668	0.4168	0.712	0.5183	0.751	0.6248	0.781	0.7310	0.812	0.8445
0.4	0.02000	0.597	0.3725	0.637	0.4637	0.672	0.5591	0.698	0.6533	0.726	0.7550
0.3	0.01732	0.517	0.3226	0.551	0.4011	0.582	0.4842	0.605	0.5663	0.629	0.6542
0.2	0.01414	0.422	0.2633	0.450	0.3276	0.475	0.3952	0.494	0.4624	0.513	0.5335
0.1	0.01000	0.299	0.1866	0.318	0.2315	0.336	0.2796	0.349	0.3267	0.363	0.3775

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1300×1100		1300×1200		1300×1300		1300×1400		1300×1500	
幅 a(m)		1.300		1.300		1.300		1.300		1.300	
深さ c(m)		1.100		1.200		1.300		1.400		1.500	
ハンチ高 s(m)		0.130		0.130		0.130		0.130		0.130	
水深余裕高 f(m)		0.220		0.240		0.260		0.280		0.300	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		1.760		1.920		2.080		2.240		2.400	
P2		1.300		1.300		1.300		1.300		1.300	
潤辺 P1+P2(m)		3.060		3.220		3.380		3.540		3.700	
粗度係数n		0.0139		0.0138		0.0138		0.0138		0.0137	
水深(m)		0.880		0.960		1.040		1.120		1.200	
通水断面積 A(m ²)		1.144		1.248		1.352		1.456		1.560	
潤辺 P(m)		3.060		3.220		3.380		3.540		3.700	
径深 R(m)		0.3739		0.3876		0.4000		0.4113		0.4216	
R ^{2/3}		0.5190		0.5316		0.5429		0.5531		0.5623	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.734	4.2717	3.852	4.8073	3.934	5.3188	4.008	5.8356	4.104	6.4022
9.0	0.09487	3.542	4.0520	3.655	4.5614	3.732	5.0457	3.802	5.5357	3.894	6.0746
8.0	0.08944	3.340	3.8210	3.445	4.2994	3.519	4.7577	3.585	5.2198	3.671	5.7268
7.0	0.08367	3.124	3.5739	3.223	4.0223	3.292	4.4508	3.353	4.8820	3.434	5.3570
6.0	0.07746	2.892	3.3084	2.984	3.7240	3.047	4.1195	3.105	4.5209	3.179	4.9592
5.5	0.07416	2.769	3.1677	2.857	3.5655	2.917	3.9438	2.972	4.3272	3.044	4.7486
5.0	0.07071	2.640	3.0202	2.724	3.3996	2.782	3.7613	2.834	4.1263	2.902	4.5271
4.8	0.06928	2.587	2.9595	2.669	3.3309	2.726	3.6856	2.777	4.0433	2.844	4.4366
4.6	0.06782	2.532	2.8966	2.613	3.2610	2.668	3.6071	2.718	3.9574	2.784	4.3430
4.5	0.06708	2.505	2.8657	2.584	3.2248	2.639	3.5679	2.689	3.9152	2.753	4.2947
4.4	0.06633	2.477	2.8337	2.555	3.1886	2.609	3.5274	2.658	3.8700	2.722	4.2463
4.2	0.06481	2.420	2.7685	2.497	3.1163	2.550	3.4476	2.598	3.7827	2.660	4.1496
4.0	0.06325	2.362	2.7021	2.437	3.0414	2.488	3.3638	2.535	3.6910	2.596	4.0498
3.8	0.06164	2.302	2.6335	2.374	2.9628	2.425	3.2786	2.471	3.5978	2.530	3.9468
3.6	0.06000	2.240	2.5626	2.311	2.8841	2.360	3.1907	2.405	3.5017	2.463	3.8423
3.5	0.05916	2.209	2.5271	2.279	2.8442	2.327	3.1461	2.371	3.4522	2.428	3.7877
3.4	0.05831	2.177	2.4905	2.246	2.8030	2.294	3.1015	2.337	3.4027	2.393	3.7331
3.2	0.05657	2.112	2.4161	2.179	2.7194	2.225	3.0082	2.267	3.3008	2.322	3.6223
3.0	0.05477	2.045	2.3395	2.110	2.6333	2.155	2.9136	2.195	3.1959	2.248	3.5069
2.8	0.05292	1.976	2.2605	2.039	2.5447	2.082	2.8149	2.121	3.0882	2.172	3.3883
2.6	0.05099	1.904	2.1782	1.964	2.4511	2.006	2.7121	2.044	2.9761	2.093	3.2651
2.5	0.05000	1.867	2.1358	1.926	2.4036	1.967	2.6594	2.004	2.9178	2.052	3.2011
2.4	0.04899	1.829	2.0924	1.887	2.3550	1.927	2.6053	1.964	2.8596	2.011	3.1372
2.2	0.04690	1.751	2.0031	1.807	2.2551	1.845	2.4944	1.880	2.7373	1.925	3.0030
2.0	0.04472	1.670	1.9105	1.723	2.1503	1.759	2.3782	1.792	2.6092	1.835	2.8626
1.9	0.04359	1.628	1.8624	1.679	2.0954	1.715	2.3187	1.747	2.5436	1.789	2.7908
1.8	0.04243	1.584	1.8121	1.634	2.0392	1.669	2.2565	1.701	2.4767	1.741	2.7160
1.7	0.04123	1.539	1.7606	1.588	1.9818	1.622	2.1929	1.652	2.4053	1.692	2.6395
1.6	0.04000	1.494	1.7091	1.541	1.9232	1.574	2.1280	1.603	2.3340	1.642	2.5615
1.5	0.03873	1.446	1.6542	1.492	1.8620	1.524	2.0604	1.552	2.2597	1.590	2.4804
1.4	0.03742	1.397	1.5982	1.441	1.7984	1.472	1.9901	1.500	2.1840	1.536	2.3962
1.3	0.03606	1.346	1.5398	1.389	1.7335	1.419	1.9185	1.445	2.1039	1.480	2.3088
1.2	0.03464	1.293	1.4792	1.334	1.6648	1.363	1.8428	1.388	2.0209	1.422	2.2183
1.1	0.03317	1.239	1.4174	1.278	1.5949	1.305	1.7644	1.329	1.9350	1.361	2.1232
1.0	0.03162	1.181	1.3511	1.218	1.5201	1.244	1.6819	1.267	1.8448	1.298	2.0249
0.9	0.03000	1.120	1.2813	1.156	1.4427	1.180	1.5954	1.202	1.7501	1.231	1.9204
0.8	0.02828	1.056	1.2081	1.089	1.3591	1.113	1.5048	1.133	1.6496	1.161	1.8112
0.7	0.02646	0.988	1.1303	1.019	1.2717	1.041	1.4074	1.061	1.5448	1.086	1.6942
0.6	0.02449	0.914	1.0456	0.943	1.1769	0.963	1.3020	0.982	1.4298	1.005	1.5678
0.5	0.02236	0.835	0.9552	0.861	1.0745	0.880	1.1898	0.896	1.3046	0.918	1.4321
0.4	0.02000	0.747	0.8546	0.770	0.9610	0.787	1.0640	0.802	1.1677	0.821	1.2808
0.3	0.01732	0.647	0.7402	0.667	0.8324	0.681	0.9207	0.694	1.0105	0.711	1.1092
0.2	0.01414	0.528	0.6040	0.545	0.6802	0.556	0.7517	0.567	0.8256	0.580	0.9048
0.1	0.01000	0.373	0.4267	0.385	0.4805	0.393	0.5313	0.401	0.5839	0.410	0.6396

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1300×1600		1300×1700		1300×1800		1300×1900		1300×2000	
幅 a(m)		1.300		1.300		1.300		1.300		1.300	
深さ c(m)		1.600		1.700		1.800		1.900		2.000	
ハンチ高 s(m)		0.130		0.130		0.130		0.130		0.130	
水深余裕高 f(m)		0.320		0.340		0.360		0.380		0.400	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		2.560		2.720		2.880		3.040		3.200	
P2		1.300		1.300		1.300		1.300		1.300	
潤辺 P1+P2(m)		3.860		4.020		4.180		4.340		4.500	
粗度係数n		0.0137		0.0137		0.0136		0.0136		0.0136	
水深(m)		1.280		1.360		1.440		1.520		1.600	
通水断面積 A(m ²)		1.664		1.768		1.872		1.976		2.080	
潤辺 P(m)		3.860		4.020		4.180		4.340		4.500	
径深 R(m)		0.4311		0.4398		0.4478		0.4553		0.4622	
R ^{2/3}		0.5707		0.5783		0.5853		0.5918		0.5978	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	4.166	6.9322	4.221	7.4627	4.304	8.0571	4.351	8.5976	4.396	9.1437
9.0	0.09487	3.952	6.5761	4.005	7.0808	4.083	7.6434	4.128	8.1569	4.170	8.6736
8.0	0.08944	3.726	6.2001	3.775	6.6742	3.849	7.2053	3.892	7.6906	3.931	8.1765
7.0	0.08367	3.485	5.7990	3.532	6.2446	3.601	6.7411	3.641	7.1946	3.678	7.6502
6.0	0.07746	3.227	5.3697	3.270	5.7814	3.334	6.2412	3.371	6.6611	3.405	7.0824
5.5	0.07416	3.089	5.1401	3.130	5.5338	3.192	5.9754	3.227	6.3766	3.260	6.7808
5.0	0.07071	2.946	4.9021	2.985	5.2775	3.043	5.6965	3.077	6.0802	3.108	6.4646
4.8	0.06928	2.886	4.8023	2.924	5.1696	2.982	5.5823	3.015	5.9576	3.045	6.3336
4.6	0.06782	2.825	4.7008	2.863	5.0618	2.919	5.4644	2.951	5.8312	2.981	6.2005
4.5	0.06708	2.794	4.6492	2.832	5.0070	2.887	5.4045	2.919	5.7679	2.949	6.1339
4.4	0.06633	2.763	4.5976	2.800	4.9504	2.855	5.3446	2.886	5.7027	2.916	6.0653
4.2	0.06481	2.700	4.4928	2.736	4.8372	2.789	5.2210	2.820	5.5723	2.849	5.9259
4.0	0.06325	2.635	4.3846	2.670	4.7206	2.722	5.0956	2.752	5.4380	2.780	5.7824
3.8	0.06164	2.568	4.2732	2.602	4.6003	2.653	4.9664	2.682	5.2996	2.709	5.6347
3.6	0.06000	2.499	4.1583	2.533	4.4783	2.582	4.8335	2.611	5.1593	2.637	5.4850
3.5	0.05916	2.464	4.1001	2.497	4.4147	2.546	4.7661	2.574	5.0862	2.600	5.4080
3.4	0.05831	2.429	4.0419	2.461	4.3510	2.509	4.6968	2.537	5.0131	2.563	5.3310
3.2	0.05657	2.357	3.9220	2.388	4.2220	2.435	4.5583	2.462	4.8649	2.487	5.1730
3.0	0.05477	2.282	3.7972	2.312	4.0876	2.357	4.4123	2.383	4.7088	2.407	5.0066
2.8	0.05292	2.204	3.6675	2.234	3.9497	2.278	4.2644	2.303	4.5507	2.326	4.8381
2.6	0.05099	2.124	3.5343	2.152	3.8047	2.194	4.1072	2.219	4.3847	2.241	4.6613
2.5	0.05000	2.083	3.4661	2.111	3.7322	2.152	4.0285	2.176	4.2998	2.198	4.5718
2.4	0.04899	2.041	3.3962	2.068	3.6562	2.108	3.9462	2.132	4.2128	2.153	4.4782
2.2	0.04690	1.954	3.2515	1.980	3.5006	2.018	3.7777	2.041	4.0330	2.062	4.2890
2.0	0.04472	1.863	3.1000	1.888	3.3380	1.925	3.6036	1.946	3.8453	1.966	4.0893
1.9	0.04359	1.816	3.0218	1.840	3.2531	1.876	3.5119	1.897	3.7485	1.916	3.9853
1.8	0.04243	1.768	2.9420	1.791	3.1665	1.826	3.4183	1.846	3.6477	1.865	3.8792
1.7	0.04123	1.718	2.8588	1.740	3.0763	1.774	3.3209	1.794	3.5449	1.812	3.7690
1.6	0.04000	1.666	2.7722	1.688	2.9844	1.721	3.2217	1.741	3.4402	1.758	3.6566
1.5	0.03873	1.613	2.6840	1.635	2.8907	1.667	3.1206	1.685	3.3296	1.702	3.5402
1.4	0.03742	1.559	2.5942	1.580	2.7934	1.610	3.0139	1.628	3.2169	1.645	3.4216
1.3	0.03606	1.502	2.4993	1.522	2.6909	1.552	2.9053	1.569	3.1003	1.585	3.2968
1.2	0.03464	1.443	2.4012	1.462	2.5848	1.491	2.7912	1.507	2.9778	1.523	3.1678
1.1	0.03317	1.382	2.2996	1.400	2.4752	1.428	2.6732	1.443	2.8514	1.458	3.0326
1.0	0.03162	1.317	2.1915	1.335	2.3603	1.361	2.5478	1.376	2.7190	1.390	2.8912
0.9	0.03000	1.250	2.0800	1.266	2.2383	1.291	2.4168	1.305	2.5787	1.319	2.7435
0.8	0.02828	1.178	1.9602	1.194	2.1110	1.217	2.2782	1.231	2.4325	1.243	2.5854
0.7	0.02646	1.102	1.8337	1.117	1.9749	1.139	2.1322	1.151	2.2744	1.163	2.4190
0.6	0.02449	1.020	1.6973	1.034	1.8281	1.054	1.9731	1.066	2.1064	1.076	2.2381
0.5	0.02236	0.931	1.5492	0.944	1.6690	0.962	1.8009	0.973	1.9226	0.983	2.0446
0.4	0.02000	0.833	1.3861	0.844	1.4922	0.861	1.6118	0.870	1.7191	0.879	1.8283
0.3	0.01732	0.721	1.1997	0.731	1.2924	0.745	1.3946	0.754	1.4899	0.761	1.5829
0.2	0.01414	0.589	0.9801	0.597	1.0555	0.609	1.1400	0.615	1.2152	0.622	1.2938
0.1	0.01000	0.417	0.6939	0.422	0.7461	0.430	0.8050	0.435	0.8596	0.440	0.9152

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

■流速流量表 (縦断用・横断用共通)

呼び名		1300×2100		1300×2200	
幅 a(m)		1.300		1.300	
深さ c(m)		2.100		2.200	
ハンチ高 s(m)		0.130		0.130	
水深余裕高 f(m)		0.420		0.440	
粗度係数(プレキャスト部)		0.013		0.013	
粗度係数(現場打部)		0.015		0.015	
P1		3.360		3.520	
P2		1.300		1.300	
潤辺 P1+P2(m)		4.660		4.820	
粗度係数n		0.0136		0.0136	
水深(m)		1.680		1.760	
通水断面積 A(m ²)		2.184		2.288	
潤辺 P(m)		4.660		4.820	
径深 R(m)		0.4687		0.4747	
R ^{2/3}		0.6034		0.6085	
I(%)	I ^{1/2}	V	Q	V	Q
10.0	0.10000	4.437	9.6904	4.474	10.2365
9.0	0.09487	4.209	9.1925	4.245	9.7126
8.0	0.08944	3.968	8.6661	4.002	9.1566
7.0	0.08367	3.712	8.1070	3.744	8.5663
6.0	0.07746	3.437	7.5064	3.466	7.9302
5.5	0.07416	3.290	7.1854	3.318	7.5916
5.0	0.07071	3.137	6.8512	3.164	7.2392
4.8	0.06928	3.074	6.7136	3.100	7.0928
4.6	0.06782	3.009	6.5717	3.034	6.9418
4.5	0.06708	2.976	6.4996	3.001	6.8663
4.4	0.06633	2.943	6.4275	2.968	6.7908
4.2	0.06481	2.875	6.2790	2.900	6.6352
4.0	0.06325	2.806	6.1283	2.830	6.4750
3.8	0.06164	2.735	5.9732	2.758	6.3103
3.6	0.06000	2.662	5.8138	2.685	6.1433
3.5	0.05916	2.625	5.7330	2.647	6.0563
3.4	0.05831	2.587	5.6500	2.609	5.9694
3.2	0.05657	2.510	5.4818	2.531	5.7909
3.0	0.05477	2.430	5.3071	2.451	5.6079
2.8	0.05292	2.348	5.1280	2.368	5.4180
2.6	0.05099	2.262	4.9402	2.281	5.2189
2.5	0.05000	2.218	4.8441	2.237	5.1183
2.4	0.04899	2.174	4.7480	2.192	5.0153
2.2	0.04690	2.081	4.5449	2.098	4.8002
2.0	0.04472	1.984	4.3331	2.001	4.5783
1.9	0.04359	1.934	4.2239	1.950	4.4616
1.8	0.04243	1.883	4.1125	1.898	4.3426
1.7	0.04123	1.829	3.9945	1.845	4.2214
1.6	0.04000	1.775	3.8766	1.790	4.0955
1.5	0.03873	1.718	3.7521	1.733	3.9651
1.4	0.03742	1.660	3.6254	1.674	3.8301
1.3	0.03606	1.600	3.4944	1.613	3.6905
1.2	0.03464	1.537	3.3568	1.550	3.5464
1.1	0.03317	1.472	3.2148	1.484	3.3954
1.0	0.03162	1.403	3.0642	1.415	3.2375
0.9	0.03000	1.331	2.9069	1.342	3.0705
0.8	0.02828	1.255	2.7409	1.265	2.8943
0.7	0.02646	1.174	2.5640	1.184	2.7090
0.6	0.02449	1.087	2.3740	1.096	2.5076
0.5	0.02236	0.992	2.1665	1.000	2.2880
0.4	0.02000	0.887	1.9372	0.895	2.0478
0.3	0.01732	0.768	1.6773	0.775	1.7732
0.2	0.01414	0.627	1.3694	0.633	1.4483
0.1	0.01000	0.444	0.9697	0.447	1.0227

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■ 流速流量表 (縦断用・横断用共通)

呼び名		1400×600		1400×700		1400×800		1400×900		1400×1000	
幅 a(m)		1.400		1.400		1.400		1.400		1.400	
深さ c(m)		0.600		0.700		0.800		0.900		1.000	
ハンチ高 s(m)		0.140		0.140		0.140		0.140		0.140	
水深余裕高 f(m)		0.120		0.140		0.160		0.180		0.200	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		0.960		1.120		1.280		1.440		1.600	
P2		1.400		1.400		1.400		1.400		1.400	
潤辺 P1+P2(m)		2.36		2.52		2.68		2.84		3	
粗度係数n		0.0142		0.0141		0.0141		0.0140		0.0140	
水深(m)		0.480		0.560		0.640		0.720		0.800	
通水断面積 A(m ²)		0.672		0.784		0.896		1.008		1.120	
潤辺 P(m)		2.360		2.520		2.680		2.840		3.000	
径深 R(m)		0.2847		0.3111		0.3343		0.3549		0.3733	
R ^{2/3}		0.4328		0.4591		0.4817		0.5013		0.5184	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.048	2.0483	3.256	2.5527	3.416	3.0607	3.581	3.6096	3.703	4.1474
9.0	0.09487	2.892	1.9434	3.089	2.4218	3.241	2.9039	3.397	3.4242	3.513	3.9346
8.0	0.08944	2.726	1.8319	2.912	2.2830	3.056	2.7382	3.203	3.2286	3.312	3.7094
7.0	0.08367	2.550	1.7136	2.724	2.1356	2.858	2.5608	2.996	3.0200	3.098	3.4698
6.0	0.07746	2.361	1.5866	2.522	1.9772	2.646	2.3708	2.774	2.7962	2.868	3.2122
5.5	0.07416	2.260	1.5187	2.415	1.8934	2.534	2.2705	2.655	2.6762	2.746	3.0755
5.0	0.07071	2.155	1.4482	2.302	1.8048	2.416	2.1647	2.532	2.5523	2.618	2.9322
4.8	0.06928	2.112	1.4193	2.256	1.7687	2.367	2.1208	2.481	2.5008	2.565	2.8728
4.6	0.06782	2.067	1.3890	2.208	1.7311	2.317	2.0760	2.428	2.4474	2.511	2.8123
4.5	0.06708	2.045	1.3742	2.184	1.7123	2.292	2.0536	2.402	2.4212	2.484	2.7821
4.4	0.06633	2.022	1.3588	2.160	1.6934	2.266	2.0303	2.375	2.3940	2.456	2.7507
4.2	0.06481	1.975	1.3272	2.110	1.6542	2.214	1.9837	2.321	2.3396	2.400	2.6880
4.0	0.06325	1.928	1.2956	2.059	1.6143	2.161	1.9363	2.265	2.2831	2.342	2.6230
3.8	0.06164	1.879	1.2627	2.007	1.5735	2.106	1.8870	2.207	2.2247	2.282	2.5558
3.6	0.06000	1.829	1.2291	1.954	1.5319	2.050	1.8368	2.148	2.1652	2.222	2.4886
3.5	0.05916	1.803	1.2116	1.926	1.5100	2.021	1.8108	2.118	2.1349	2.191	2.4539
3.4	0.05831	1.777	1.1941	1.899	1.4888	1.992	1.7848	2.088	2.1047	2.159	2.4181
3.2	0.05657	1.724	1.1585	1.842	1.4441	1.933	1.7320	2.026	2.0422	2.095	2.3464
3.0	0.05477	1.669	1.1216	1.783	1.3979	1.871	1.6764	1.961	1.9767	2.028	2.2714
2.8	0.05292	1.613	1.0839	1.723	1.3508	1.808	1.6200	1.895	1.9102	1.960	2.1952
2.6	0.05099	1.554	1.0443	1.660	1.3014	1.742	1.5608	1.826	1.8406	1.888	2.1146
2.5	0.05000	1.524	1.0241	1.628	1.2764	1.708	1.5304	1.790	1.8043	1.851	2.0731
2.4	0.04899	1.493	1.0033	1.595	1.2505	1.674	1.4999	1.754	1.7680	1.814	2.0317
2.2	0.04690	1.429	0.9603	1.527	1.1972	1.602	1.4354	1.679	1.6924	1.737	1.9454
2.0	0.04472	1.363	0.9159	1.456	1.1415	1.528	1.3691	1.601	1.6138	1.656	1.8547
1.9	0.04359	1.329	0.8931	1.419	1.1125	1.489	1.3341	1.561	1.5735	1.614	1.8077
1.8	0.04243	1.293	0.8689	1.382	1.0835	1.450	1.2992	1.519	1.5312	1.571	1.7595
1.7	0.04123	1.257	0.8447	1.342	1.0521	1.409	1.2625	1.476	1.4878	1.527	1.7102
1.6	0.04000	1.219	0.8192	1.302	1.0208	1.367	1.2248	1.432	1.4435	1.481	1.6587
1.5	0.03873	1.180	0.7930	1.261	0.9886	1.323	1.1854	1.387	1.3981	1.434	1.6061
1.4	0.03742	1.141	0.7668	1.218	0.9549	1.278	1.1451	1.340	1.3507	1.386	1.5523
1.3	0.03606	1.099	0.7385	1.174	0.9204	1.232	1.1039	1.291	1.3013	1.335	1.4952
1.2	0.03464	1.056	0.7096	1.128	0.8844	1.183	1.0600	1.240	1.2499	1.283	1.4370
1.1	0.03317	1.011	0.6794	1.080	0.8467	1.133	1.0152	1.188	1.1975	1.228	1.3754
1.0	0.03162	0.964	0.6478	1.030	0.8075	1.080	0.9677	1.132	1.1411	1.171	1.3115
0.9	0.03000	0.914	0.6142	0.977	0.7660	1.025	0.9184	1.074	1.0826	1.111	1.2443
0.8	0.02828	0.862	0.5793	0.921	0.7221	0.966	0.8655	1.013	1.0211	1.047	1.1726
0.7	0.02646	0.806	0.5416	0.862	0.6758	0.904	0.8100	0.947	0.9546	0.980	1.0976
0.6	0.02449	0.746	0.5013	0.797	0.6248	0.837	0.7500	0.877	0.8840	0.907	1.0158
0.5	0.02236	0.682	0.4583	0.728	0.5708	0.764	0.6845	0.801	0.8074	0.828	0.9274
0.4	0.02000	0.610	0.4099	0.651	0.5104	0.683	0.6120	0.716	0.7217	0.741	0.8299
0.3	0.01732	0.528	0.3548	0.564	0.4422	0.592	0.5304	0.620	0.6250	0.641	0.7179
0.2	0.01414	0.431	0.2896	0.460	0.3606	0.483	0.4328	0.506	0.5100	0.524	0.5869
0.1	0.01000	0.305	0.2050	0.326	0.2556	0.342	0.3064	0.358	0.3609	0.370	0.4144

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1400×1100		1400×1200		1400×1300		1400×1400		1400×1500	
幅 a(m)		1.400		1.400		1.400		1.400		1.400	
深さ c(m)		1.100		1.200		1.300		1.400		1.500	
ハンチ高 s(m)		0.140		0.140		0.140		0.140		0.140	
水深余裕高 f(m)		0.220		0.240		0.260		0.280		0.300	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		1.760		1.920		2.080		2.240		2.400	
P2		1.400		1.400		1.400		1.400		1.400	
潤辺 P1+P2(m)		3.160		3.320		3.480		3.640		3.800	
粗度係数n		0.0139		0.0139		0.0138		0.0138		0.0138	
水深(m)		0.880		0.960		1.040		1.120		1.200	
通水断面積 A(m ²)		1.232		1.344		1.456		1.568		1.680	
潤辺 P(m)		3.160		3.320		3.480		3.640		3.800	
径深 R(m)		0.3899		0.4048		0.4184		0.4308		0.4421	
R ^{2/3}		0.5337		0.5472		0.5594		0.5704		0.5803	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.840	4.7309	3.937	5.2913	4.054	5.9026	4.133	6.4805	4.205	7.0644
9.0	0.09487	3.643	4.4882	3.735	5.0198	3.846	5.5998	3.921	6.1481	3.989	6.7015
8.0	0.08944	3.434	4.2307	3.521	4.7322	3.626	5.2795	3.697	5.7969	3.761	6.3185
7.0	0.08367	3.213	3.9584	3.294	4.4271	3.392	4.9388	3.458	5.4221	3.518	5.9102
6.0	0.07746	2.974	3.6640	3.049	4.0979	3.140	4.5718	3.202	5.0207	3.257	5.4718
5.5	0.07416	2.847	3.5075	2.919	3.9231	3.006	4.3767	3.065	4.8059	3.118	5.2382
5.0	0.07071	2.715	3.3449	2.784	3.7417	2.866	4.1729	2.923	4.5833	2.973	4.9946
4.8	0.06928	2.660	3.2771	2.727	3.6651	2.808	4.0884	2.864	4.4908	2.913	4.8938
4.6	0.06782	2.604	3.2081	2.670	3.5885	2.749	4.0025	2.803	4.3951	2.852	4.7914
4.5	0.06708	2.576	3.1736	2.641	3.5495	2.719	3.9589	2.773	4.3481	2.821	4.7393
4.4	0.06633	2.547	3.1379	2.611	3.5092	2.689	3.9152	2.742	4.2995	2.789	4.6855
4.2	0.06481	2.488	3.0652	2.551	3.4285	2.627	3.8249	2.679	4.2007	2.725	4.5780
4.0	0.06325	2.429	2.9925	2.490	3.3466	2.564	3.7332	2.614	4.0988	2.660	4.4688
3.8	0.06164	2.367	2.9161	2.427	3.2619	2.499	3.6385	2.548	3.9953	2.592	4.3546
3.6	0.06000	2.304	2.8385	2.362	3.1745	2.432	3.5410	2.480	3.8886	2.523	4.2386
3.5	0.05916	2.271	2.7979	2.329	3.1302	2.398	3.4915	2.445	3.8338	2.488	4.1798
3.4	0.05831	2.239	2.7584	2.295	3.0845	2.364	3.4420	2.410	3.7789	2.452	4.1194
3.2	0.05657	2.172	2.6759	2.227	2.9931	2.293	3.3386	2.338	3.6660	2.379	3.9967
3.0	0.05477	2.103	2.5909	2.156	2.8977	2.220	3.2323	2.264	3.5500	2.303	3.8690
2.8	0.05292	2.032	2.5034	2.083	2.7996	2.145	3.1231	2.187	3.4292	2.225	3.7380
2.6	0.05099	1.958	2.4123	2.007	2.6974	2.067	3.0096	2.108	3.3053	2.144	3.6019
2.5	0.05000	1.920	2.3654	1.968	2.6450	2.027	2.9513	2.067	3.2411	2.103	3.5330
2.4	0.04899	1.881	2.3174	1.929	2.5926	1.986	2.8916	2.025	3.1752	2.060	3.4608
2.2	0.04690	1.801	2.2188	1.846	2.4810	1.901	2.7679	1.939	3.0404	1.972	3.3130
2.0	0.04472	1.717	2.1153	1.760	2.3654	1.813	2.6397	1.848	2.8977	1.881	3.1601
1.9	0.04359	1.674	2.0624	1.716	2.3063	1.767	2.5728	1.802	2.8255	1.833	3.0794
1.8	0.04243	1.629	2.0069	1.670	2.2445	1.720	2.5043	1.754	2.7503	1.784	2.9971
1.7	0.04123	1.583	1.9503	1.623	2.1813	1.671	2.4330	1.704	2.6719	1.734	2.9131
1.6	0.04000	1.536	1.8924	1.575	2.1168	1.621	2.3602	1.653	2.5919	1.682	2.8258
1.5	0.03873	1.487	1.8320	1.525	2.0496	1.570	2.2859	1.601	2.5104	1.629	2.7367
1.4	0.03742	1.437	1.7704	1.473	1.9797	1.517	2.2088	1.547	2.4257	1.574	2.6443
1.3	0.03606	1.385	1.7063	1.420	1.9085	1.462	2.1287	1.490	2.3363	1.516	2.5469
1.2	0.03464	1.330	1.6386	1.364	1.8332	1.404	2.0442	1.432	2.2454	1.457	2.4478
1.1	0.03317	1.274	1.5696	1.306	1.7553	1.345	1.9583	1.371	2.1497	1.395	2.3436
1.0	0.03162	1.214	1.4956	1.245	1.6733	1.282	1.8666	1.307	2.0494	1.330	2.2344
0.9	0.03000	1.152	1.4193	1.181	1.5873	1.216	1.7705	1.240	1.9443	1.262	2.1202
0.8	0.02828	1.086	1.3380	1.113	1.4959	1.146	1.6686	1.169	1.8330	1.189	1.9975
0.7	0.02646	1.016	1.2517	1.042	1.4004	1.073	1.5623	1.094	1.7154	1.113	1.8698
0.6	0.02449	0.940	1.1581	0.964	1.2956	0.993	1.4458	1.012	1.5868	1.030	1.7304
0.5	0.02236	0.859	1.0583	0.880	1.1827	0.906	1.3191	0.924	1.4488	0.940	1.5792
0.4	0.02000	0.768	0.9462	0.787	1.0577	0.811	1.1808	0.827	1.2967	0.841	1.4129
0.3	0.01732	0.665	0.8193	0.682	0.9166	0.702	1.0221	0.716	1.1227	0.728	1.2230
0.2	0.01414	0.543	0.6690	0.557	0.7486	0.573	0.8343	0.584	0.9157	0.595	0.9996
0.1	0.01000	0.384	0.4731	0.394	0.5295	0.405	0.5897	0.413	0.6476	0.421	0.7073

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1400×1600		1400×1700		1400×1800		1400×1900		1400×2000	
幅 a(m)		1.400		1.400		1.400		1.400		1.400	
深さ c(m)		1.600		1.700		1.800		1.900		2.000	
ハンチ高 s(m)		0.140		0.140		0.140		0.140		0.140	
水深余裕高 f(m)		0.320		0.340		0.360		0.380		0.400	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		2.560		2.720		2.880		3.040		3.200	
P2		1.400		1.400		1.400		1.400		1.400	
潤辺 P1+P2(m)		3.960		4.120		4.280		4.440		4.600	
粗度係数n		0.0137		0.0137		0.0137		0.0136		0.0136	
水深(m)		1.280		1.360		1.440		1.520		1.600	
通水断面積 A(m ²)		1.792		1.904		2.016		2.128		2.240	
潤辺 P(m)		3.960		4.120		4.280		4.440		4.600	
径深 R(m)		0.4525		0.4621		0.471		0.4793		0.487	
R ^{2/3}		0.5894		0.5977		0.6054		0.6125		0.6190	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	4.302	7.7092	4.363	8.3072	4.419	8.9087	4.504	9.5845	4.551	10.1942
9.0	0.09487	4.081	7.3132	4.139	7.8807	4.192	8.4511	4.273	9.0929	4.318	9.6723
8.0	0.08944	3.848	6.8956	3.902	7.4294	3.952	7.9672	4.028	8.5716	4.071	9.1190
7.0	0.08367	3.600	6.4512	3.650	6.9496	3.697	7.4532	3.768	8.0183	3.808	8.5299
6.0	0.07746	3.332	5.9709	3.379	6.4336	3.423	6.9008	3.489	7.4246	3.526	7.8982
5.5	0.07416	3.191	5.7183	3.235	6.1594	3.277	6.6064	3.340	7.1075	3.375	7.5600
5.0	0.07071	3.042	5.4513	3.085	5.8738	3.125	6.3000	3.185	6.7777	3.218	7.2083
4.8	0.06928	2.981	5.3420	3.023	5.7558	3.061	6.1710	3.120	6.6394	3.153	7.0627
4.6	0.06782	2.918	5.2291	2.959	5.6339	2.997	6.0420	3.054	6.4989	3.087	6.9149
4.5	0.06708	2.886	5.1717	2.927	5.5730	2.964	5.9754	3.021	6.4287	3.053	6.8387
4.4	0.06633	2.854	5.1144	2.894	5.5102	2.931	5.9089	2.987	6.3563	3.019	6.7626
4.2	0.06481	2.788	4.9961	2.828	5.3845	2.864	5.7738	2.919	6.2116	2.950	6.6080
4.0	0.06325	2.721	4.8760	2.759	5.2531	2.795	5.6347	2.849	6.0627	2.879	6.4490
3.8	0.06164	2.652	4.7524	2.689	5.1199	2.724	5.4916	2.776	5.9073	2.806	6.2854
3.6	0.06000	2.581	4.6252	2.618	4.9847	2.651	5.3444	2.702	5.7499	2.731	6.1174
3.5	0.05916	2.545	4.5606	2.581	4.9142	2.614	5.2698	2.664	5.6690	2.693	6.0323
3.4	0.05831	2.509	4.4961	2.544	4.8438	2.577	5.1952	2.626	5.5881	2.654	5.9450
3.2	0.05657	2.434	4.3617	2.468	4.6991	2.500	5.0400	2.548	5.4221	2.575	5.7680
3.0	0.05477	2.356	4.2220	2.389	4.5487	2.420	4.8787	2.467	5.2498	2.493	5.5843
2.8	0.05292	2.277	4.0804	2.309	4.3963	2.339	4.7154	2.383	5.0710	2.409	5.3962
2.6	0.05099	2.194	3.9316	2.225	4.2364	2.253	4.5420	2.296	4.8859	2.321	5.1990
2.5	0.05000	2.151	3.8546	2.181	4.1526	2.209	4.4533	2.252	4.7923	2.276	5.0982
2.4	0.04899	2.108	3.7775	2.137	4.0688	2.165	4.3646	2.206	4.6944	2.230	4.9952
2.2	0.04690	2.018	3.6163	2.046	3.8956	2.073	4.1792	2.112	4.4943	2.135	4.7824
2.0	0.04472	1.924	3.4478	1.951	3.7147	1.976	3.9836	2.014	4.2858	2.035	4.5584
1.9	0.04359	1.875	3.3600	1.902	3.6214	1.926	3.8828	1.963	4.1773	1.984	4.4442
1.8	0.04243	1.825	3.2704	1.851	3.5243	1.875	3.7800	1.911	4.0666	1.931	4.3254
1.7	0.04123	1.774	3.1790	1.799	3.4253	1.822	3.6732	1.857	3.9517	1.877	4.2045
1.6	0.04000	1.721	3.0840	1.745	3.3225	1.768	3.5643	1.801	3.8325	1.821	4.0790
1.5	0.03873	1.666	2.9855	1.690	3.2178	1.711	3.4494	1.744	3.7112	1.763	3.9491
1.4	0.03742	1.610	2.8851	1.633	3.1092	1.654	3.3345	1.685	3.5857	1.703	3.8147
1.3	0.03606	1.551	2.7794	1.573	2.9950	1.593	3.2115	1.624	3.4559	1.641	3.6758
1.2	0.03464	1.490	2.6701	1.511	2.8769	1.531	3.0865	1.560	3.3197	1.577	3.5325
1.1	0.03317	1.427	2.5572	1.447	2.7551	1.466	2.9555	1.494	3.1792	1.510	3.3824
1.0	0.03162	1.360	2.4371	1.380	2.6275	1.397	2.8164	1.424	3.0303	1.439	3.2234
0.9	0.03000	1.291	2.3135	1.309	2.4923	1.326	2.6732	1.351	2.8749	1.365	3.0576
0.8	0.02828	1.217	2.1809	1.234	2.3495	1.250	2.5200	1.274	2.7111	1.287	2.8829
0.7	0.02646	1.138	2.0393	1.154	2.1972	1.169	2.3567	1.192	2.5366	1.204	2.6970
0.6	0.02449	1.054	1.8888	1.068	2.0335	1.082	2.1813	1.103	2.3472	1.115	2.4976
0.5	0.02236	0.962	1.7239	0.976	1.8583	0.988	1.9918	1.007	2.1429	1.018	2.2803
0.4	0.02000	0.860	1.5411	0.873	1.6622	0.884	1.7821	0.901	1.9173	0.910	2.0384
0.3	0.01732	0.745	1.3350	0.756	1.4394	0.765	1.5422	0.780	1.6598	0.788	1.7651
0.2	0.01414	0.608	1.0895	0.617	1.1748	0.625	1.2600	0.637	1.3555	0.644	1.4426
0.1	0.01000	0.430	0.7706	0.436	0.8301	0.442	0.8911	0.450	0.9576	0.455	1.0192

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

■流速流量表 (縦断用・横断用共通)

呼び名		1400×2100		1400×2200	
幅 a(m)		1.400		1.400	
深さ c(m)		2.100		2.200	
ハンチ高 s(m)		0.140		0.140	
水深余裕高 f(m)		0.420		0.440	
粗度係数(プレキャスト部)		0.013		0.013	
粗度係数(現場打部)		0.015		0.015	
P1		3.360		3.520	
P2		1.400		1.400	
潤辺 P1+P2(m)		4.760		4.920	
粗度係数n		0.0136		0.0136	
水深(m)		1.680		1.760	
通水断面積 A(m ²)		2.352		2.464	
潤辺 P(m)		4.760		4.920	
径深 R(m)		0.4941		0.5008	
R ^{2/3}		0.6250		0.6306	
I(%)	I ^{1/2}	V	Q	V	Q
10.0	0.10000	4.596	10.8098	4.637	11.4256
9.0	0.09487	4.360	10.2547	4.399	10.8391
8.0	0.08944	4.110	9.6667	4.147	10.2182
7.0	0.08367	3.845	9.0434	3.880	9.5603
6.0	0.07746	3.560	8.3731	3.592	8.8507
5.5	0.07416	3.408	8.0156	3.439	8.4737
5.0	0.07071	3.250	7.6440	3.279	8.0795
4.8	0.06928	3.184	7.4888	3.212	7.9144
4.6	0.06782	3.117	7.3312	3.145	7.7493
4.5	0.06708	3.083	7.2512	3.110	7.6630
4.4	0.06633	3.048	7.1689	3.076	7.5793
4.2	0.06481	2.978	7.0043	3.005	7.4043
4.0	0.06325	2.907	6.8373	2.933	7.2269
3.8	0.06164	2.833	6.6632	2.858	7.0421
3.6	0.06000	2.757	6.4845	2.782	6.8548
3.5	0.05916	2.719	6.3951	2.743	6.7588
3.4	0.05831	2.680	6.3034	2.704	6.6627
3.2	0.05657	2.600	6.1152	2.623	6.4631
3.0	0.05477	2.517	5.9200	2.540	6.2586
2.8	0.05292	2.432	5.7201	2.454	6.0467
2.6	0.05099	2.343	5.5107	2.364	5.8249
2.5	0.05000	2.298	5.4049	2.318	5.7116
2.4	0.04899	2.251	5.2944	2.272	5.5982
2.2	0.04690	2.155	5.0686	2.175	5.3592
2.0	0.04472	2.055	4.8334	2.074	5.1103
1.9	0.04359	2.003	4.7111	2.021	4.9797
1.8	0.04243	1.950	4.5864	1.967	4.8467
1.7	0.04123	1.895	4.4570	1.912	4.7112
1.6	0.04000	1.838	4.3230	1.855	4.5707
1.5	0.03873	1.780	4.1866	1.796	4.4253
1.4	0.03742	1.720	4.0454	1.735	4.2750
1.3	0.03606	1.657	3.8973	1.672	4.1198
1.2	0.03464	1.592	3.7444	1.606	3.9572
1.1	0.03317	1.524	3.5844	1.538	3.7896
1.0	0.03162	1.453	3.4175	1.466	3.6122
0.9	0.03000	1.379	3.2434	1.391	3.4274
0.8	0.02828	1.300	3.0576	1.311	3.2303
0.7	0.02646	1.216	2.8600	1.227	3.0233
0.6	0.02449	1.125	2.6460	1.136	2.7991
0.5	0.02236	1.028	2.4179	1.037	2.5552
0.4	0.02000	0.919	2.1615	0.927	2.2841
0.3	0.01732	0.796	1.8722	0.803	1.9786
0.2	0.01414	0.650	1.5288	0.656	1.6164
0.1	0.01000	0.460	1.0819	0.464	1.1433

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■ 流速流量表 (縦断用・横断用共通)

呼び名		1500×600		1500×700		1500×800		1500×900		1500×1000	
幅 a(m)		1.500		1.500		1.500		1.500		1.500	
深さ c(m)		0.600		0.700		0.800		0.900		1.000	
ハンチ高 s(m)		0.150		0.150		0.150		0.150		0.150	
水深余裕高 f(m)		0.120		0.140		0.160		0.180		0.200	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		0.960		1.120		1.280		1.440		1.600	
P2		1.500		1.500		1.500		1.500		1.500	
潤辺 P1+P2(m)		2.46		2.62		2.78		2.94		3.1	
粗度係数n		0.0142		0.0142		0.0141		0.0140		0.0140	
水深(m)		0.480		0.560		0.640		0.720		0.800	
通水断面積 A(m ²)		0.720		0.840		0.960		1.080		1.200	
潤辺 P(m)		2.460		2.620		2.780		2.940		3.100	
径深 R(m)		0.2927		0.3206		0.3453		0.3673		0.3871	
R ^{2/3}		0.4408		0.4684		0.4922		0.5129		0.5311	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.104	2.2349	3.299	2.7712	3.491	3.3514	3.664	3.9571	3.794	4.5528
9.0	0.09487	2.945	2.1204	3.129	2.6284	3.312	3.1795	3.476	3.7541	3.599	4.3188
8.0	0.08944	2.776	1.9987	2.950	2.4780	3.122	2.9971	3.277	3.5392	3.393	4.0716
7.0	0.08367	2.597	1.8698	2.760	2.3184	2.921	2.8042	3.065	3.3102	3.174	3.8088
6.0	0.07746	2.405	1.7316	2.555	2.1462	2.704	2.5958	2.838	3.0650	2.939	3.5268
5.5	0.07416	2.302	1.6574	2.446	2.0546	2.589	2.4854	2.717	2.9344	2.813	3.3756
5.0	0.07071	2.195	1.5804	2.332	1.9589	2.468	2.3693	2.591	2.7983	2.682	3.2184
4.8	0.06928	2.151	1.5487	2.285	1.9194	2.418	2.3213	2.538	2.7410	2.628	3.1536
4.6	0.06782	2.105	1.5156	2.237	1.8791	2.367	2.2723	2.485	2.6838	2.573	3.0876
4.5	0.06708	2.082	1.4990	2.213	1.8589	2.342	2.2483	2.458	2.6546	2.545	3.0540
4.4	0.06633	2.059	1.4825	2.188	1.8379	2.315	2.2224	2.430	2.6244	2.516	3.0192
4.2	0.06481	2.012	1.4486	2.138	1.7959	2.262	2.1715	2.374	2.5639	2.459	2.9508
4.0	0.06325	1.963	1.4134	2.086	1.7522	2.208	2.1197	2.317	2.5024	2.399	2.8788
3.8	0.06164	1.913	1.3774	2.033	1.7077	2.152	2.0659	2.258	2.4386	2.338	2.8056
3.6	0.06000	1.863	1.3414	1.979	1.6624	2.094	2.0102	2.198	2.3738	2.276	2.7312
3.5	0.05916	1.836	1.3219	1.951	1.6388	2.065	1.9824	2.167	2.3404	2.244	2.6928
3.4	0.05831	1.810	1.3032	1.923	1.6153	2.035	1.9536	2.136	2.3069	2.212	2.6544
3.2	0.05657	1.756	1.2643	1.866	1.5674	1.975	1.8960	2.072	2.2378	2.146	2.5752
3.0	0.05477	1.700	1.2240	1.807	1.5179	1.912	1.8355	2.007	2.1676	2.078	2.4936
2.8	0.05292	1.643	1.1830	1.746	1.4666	1.847	1.7731	1.939	2.0941	2.008	2.4096
2.6	0.05099	1.583	1.1398	1.682	1.4129	1.780	1.7088	1.868	2.0174	1.934	2.3208
2.5	0.05000	1.552	1.1174	1.649	1.3852	1.745	1.6752	1.832	1.9786	1.897	2.2764
2.4	0.04899	1.521	1.0951	1.616	1.3574	1.710	1.6416	1.795	1.9386	1.858	2.2296
2.2	0.04690	1.456	1.0483	1.547	1.2995	1.637	1.5715	1.718	1.8554	1.779	2.1348
2.0	0.04472	1.388	0.9994	1.475	1.2390	1.561	1.4986	1.638	1.7690	1.696	2.0352
1.9	0.04359	1.353	0.9742	1.438	1.2079	1.522	1.4611	1.597	1.7248	1.654	1.9848
1.8	0.04243	1.317	0.9482	1.400	1.1760	1.481	1.4218	1.554	1.6783	1.610	1.9320
1.7	0.04123	1.280	0.9216	1.360	1.1424	1.439	1.3814	1.510	1.6308	1.564	1.8768
1.6	0.04000	1.242	0.8942	1.319	1.1080	1.396	1.3402	1.465	1.5822	1.517	1.8204
1.5	0.03873	1.202	0.8654	1.278	1.0735	1.352	1.2979	1.419	1.5325	1.469	1.7628
1.4	0.03742	1.162	0.8366	1.234	1.0366	1.306	1.2538	1.371	1.4807	1.420	1.7040
1.3	0.03606	1.119	0.8057	1.189	0.9988	1.259	1.2086	1.321	1.4267	1.368	1.6416
1.2	0.03464	1.075	0.7740	1.143	0.9601	1.209	1.1606	1.269	1.3705	1.314	1.5768
1.1	0.03317	1.030	0.7416	1.094	0.9190	1.158	1.1117	1.215	1.3122	1.258	1.5096
1.0	0.03162	0.982	0.7070	1.043	0.8761	1.104	1.0598	1.158	1.2506	1.200	1.4400
0.9	0.03000	0.931	0.6703	0.990	0.8316	1.047	1.0051	1.099	1.1869	1.138	1.3656
0.8	0.02828	0.878	0.6322	0.933	0.7837	0.987	0.9475	1.036	1.1189	1.073	1.2876
0.7	0.02646	0.821	0.5911	0.873	0.7333	0.924	0.8870	0.969	1.0465	1.004	1.2048
0.6	0.02449	0.760	0.5472	0.808	0.6787	0.855	0.8208	0.897	0.9688	0.929	1.1148
0.5	0.02236	0.694	0.4997	0.738	0.6199	0.781	0.7498	0.819	0.8845	0.848	1.0176
0.4	0.02000	0.621	0.4471	0.660	0.5544	0.698	0.6701	0.733	0.7916	0.759	0.9108
0.3	0.01732	0.538	0.3874	0.571	0.4796	0.605	0.5808	0.635	0.6858	0.657	0.7884
0.2	0.01414	0.439	0.3161	0.466	0.3914	0.494	0.4742	0.518	0.5594	0.536	0.6432
0.1	0.01000	0.310	0.2232	0.330	0.2772	0.349	0.3350	0.366	0.3953	0.379	0.4548

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1500×1100		1500×1200		1500×1300		1500×1400		1500×1500	
幅 a(m)		1.500		1.500		1.500		1.500		1.500	
深さ c(m)		1.100		1.200		1.300		1.400		1.500	
ハンチ高 s(m)		0.150		0.150		0.150		0.150		0.150	
水深余裕高 f(m)		0.220		0.240		0.260		0.280		0.300	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		1.760		1.920		2.080		2.240		2.400	
P2		1.500		1.500		1.500		1.500		1.500	
潤辺 P1+P2(m)		3.260		3.420		3.580		3.740		3.900	
粗度係数n		0.0139		0.0139		0.0139		0.0138		0.0138	
水深(m)		0.880		0.960		1.040		1.120		1.200	
通水断面積 A(m ²)		1.320		1.440		1.560		1.680		1.800	
潤辺 P(m)		3.260		3.420		3.580		3.740		3.900	
径深 R(m)		0.4049		0.4211		0.4358		0.4492		0.4615	
R ^{2/3}		0.5473		0.5618		0.5748		0.5865		0.5972	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	3.937	5.1968	4.042	5.8205	4.135	6.4506	4.250	7.1400	4.328	7.7904
9.0	0.09487	3.735	4.9302	3.834	5.5210	3.923	6.1199	4.032	6.7738	4.106	7.3908
8.0	0.08944	3.522	4.6490	3.615	5.2056	3.699	5.7704	3.801	6.3857	3.871	6.9678
7.0	0.08367	3.294	4.3481	3.382	4.8701	3.460	5.3976	3.556	5.9741	3.621	6.5178
6.0	0.07746	3.050	4.0260	3.131	4.5086	3.203	4.9967	3.292	5.5306	3.352	6.0336
5.5	0.07416	2.920	3.8544	2.997	4.3157	3.067	4.7845	3.152	5.2954	3.209	5.7762
5.0	0.07071	2.784	3.6749	2.858	4.1155	2.924	4.5614	3.005	5.0484	3.060	5.5080
4.8	0.06928	2.728	3.6010	2.800	4.0320	2.865	4.4694	2.944	4.9459	2.998	5.3964
4.6	0.06782	2.670	3.5244	2.741	3.9470	2.805	4.3758	2.882	4.8418	2.935	5.2830
4.5	0.06708	2.641	3.4861	2.711	3.9038	2.774	4.3274	2.851	4.7897	2.903	5.2254
4.4	0.06633	2.612	3.4478	2.681	3.8606	2.743	4.2791	2.819	4.7359	2.870	5.1660
4.2	0.06481	2.552	3.3686	2.619	3.7714	2.680	4.1808	2.754	4.6267	2.805	5.0490
4.0	0.06325	2.490	3.2868	2.556	3.6806	2.616	4.0810	2.688	4.5158	2.737	4.9266
3.8	0.06164	2.427	3.2036	2.491	3.5870	2.549	3.9764	2.620	4.4016	2.667	4.8006
3.6	0.06000	2.362	3.1178	2.425	3.4920	2.481	3.8704	2.550	4.2840	2.597	4.6746
3.5	0.05916	2.329	3.0743	2.391	3.4430	2.446	3.8158	2.514	4.2235	2.560	4.6080
3.4	0.05831	2.296	3.0307	2.357	3.3941	2.411	3.7612	2.478	4.1630	2.523	4.5414
3.2	0.05657	2.227	2.9396	2.286	3.2918	2.339	3.6488	2.404	4.0387	2.448	4.4064
3.0	0.05477	2.157	2.8472	2.214	3.1882	2.265	3.5334	2.328	3.9110	2.370	4.2660
2.8	0.05292	2.084	2.7509	2.139	3.0802	2.188	3.4133	2.249	3.7783	2.290	4.1220
2.6	0.05099	2.008	2.6506	2.061	2.9678	2.109	3.2900	2.167	3.6406	2.207	3.9726
2.5	0.05000	1.969	2.5991	2.021	2.9102	2.068	3.2261	2.125	3.5700	2.164	3.8952
2.4	0.04899	1.929	2.5463	1.980	2.8512	2.026	3.1606	2.082	3.4978	2.120	3.8160
2.2	0.04690	1.847	2.4380	1.896	2.7302	1.939	3.0248	1.993	3.3482	2.030	3.6540
2.0	0.04472	1.761	2.3245	1.807	2.6021	1.849	2.8844	1.901	3.1937	1.935	3.4830
1.9	0.04359	1.716	2.2651	1.762	2.5373	1.803	2.8127	1.853	3.1130	1.886	3.3948
1.8	0.04243	1.671	2.2057	1.715	2.4696	1.755	2.7378	1.803	3.0290	1.836	3.3048
1.7	0.04123	1.623	2.1424	1.666	2.3990	1.705	2.6598	1.752	2.9434	1.784	3.2112
1.6	0.04000	1.575	2.0790	1.617	2.3285	1.654	2.5802	1.700	2.8560	1.731	3.1158
1.5	0.03873	1.525	2.0130	1.565	2.2536	1.602	2.4991	1.646	2.7653	1.676	3.0168
1.4	0.03742	1.473	1.9444	1.512	2.1773	1.547	2.4133	1.590	2.6712	1.619	2.9142
1.3	0.03606	1.420	1.8744	1.457	2.0981	1.491	2.3260	1.533	2.5754	1.561	2.8098
1.2	0.03464	1.364	1.8005	1.400	2.0160	1.432	2.2339	1.472	2.4730	1.499	2.6982
1.1	0.03317	1.306	1.7239	1.341	1.9310	1.372	2.1403	1.410	2.3688	1.435	2.5830
1.0	0.03162	1.245	1.6434	1.278	1.8403	1.308	2.0405	1.344	2.2579	1.368	2.4624
0.9	0.03000	1.181	1.5589	1.213	1.7467	1.241	1.9360	1.275	2.1420	1.298	2.3364
0.8	0.02828	1.113	1.4692	1.143	1.6459	1.169	1.8236	1.202	2.0194	1.224	2.2032
0.7	0.02646	1.042	1.3754	1.069	1.5394	1.094	1.7066	1.125	1.8900	1.145	2.0610
0.6	0.02449	0.964	1.2725	0.990	1.4256	1.013	1.5803	1.041	1.7489	1.060	1.9080
0.5	0.02236	0.880	1.1616	0.904	1.3018	0.925	1.4430	0.950	1.5960	0.968	1.7424
0.4	0.02000	0.787	1.0388	0.808	1.1635	0.827	1.2901	0.850	1.4280	0.866	1.5588
0.3	0.01732	0.682	0.9002	0.700	1.0080	0.716	1.1170	0.736	1.2365	0.750	1.3500
0.2	0.01414	0.557	0.7352	0.572	0.8237	0.585	0.9126	0.601	1.0097	0.612	1.1016
0.1	0.01000	0.394	0.5201	0.404	0.5818	0.414	0.6458	0.425	0.7140	0.433	0.7794

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

松阪興産株式会社

■流速流量表 (縦断用・横断用共通)

呼び名		1500×1600		1500×1700		1500×1800		1500×1900		1500×2000	
幅 a(m)		1.500		1.500		1.500		1.500		1.500	
深さ c(m)		1.600		1.700		1.800		1.900		2.000	
ハンチ高 s(m)		0.150		0.150		0.150		0.150		0.150	
水深余裕高 f(m)		0.320		0.340		0.360		0.380		0.400	
粗度係数(プレキャスト部)		0.013		0.013		0.013		0.013		0.013	
粗度係数(現場打部)		0.015		0.015		0.015		0.015		0.015	
P1		2.560		2.720		2.880		3.040		3.200	
P2		1.500		1.500		1.500		1.500		1.500	
潤辺 P1+P2(m)		4.060		4.220		4.380		4.540		4.700	
粗度係数n		0.0138		0.0137		0.0137		0.0137		0.0137	
水深(m)		1.280		1.360		1.440		1.520		1.600	
通水断面積 A(m ²)		1.920		2.040		2.160		2.280		2.400	
潤辺 P(m)		4.060		4.220		4.380		4.540		4.700	
径深 R(m)		0.4729		0.4834		0.4932		0.5022		0.5106	
R ^{2/3}		0.6070		0.6159		0.6242		0.6318		0.6388	
I(%)	I ^{1/2}	V	Q	V	Q	V	Q	V	Q	V	Q
10.0	0.10000	4.399	8.4461	4.496	9.1718	4.556	9.8410	4.612	10.5154	4.663	11.1912
9.0	0.09487	4.173	8.0122	4.265	8.7006	4.322	9.3355	4.375	9.9750	4.424	10.6176
8.0	0.08944	3.934	7.5533	4.021	8.2028	4.075	8.8020	4.125	9.4050	4.170	10.0080
7.0	0.08367	3.680	7.0656	3.761	7.6724	3.812	8.2339	3.859	8.7985	3.901	9.3624
6.0	0.07746	3.407	6.5414	3.482	7.1033	3.529	7.6226	3.572	8.1442	3.612	8.6688
5.5	0.07416	3.262	6.2630	3.334	6.8014	3.379	7.2986	3.420	7.7976	3.458	8.2992
5.0	0.07071	3.110	5.9712	3.179	6.4852	3.222	6.9595	3.261	7.4351	3.297	7.9128
4.8	0.06928	3.047	5.8502	3.115	6.3546	3.157	6.8191	3.195	7.2846	3.230	7.7520
4.6	0.06782	2.983	5.7274	3.049	6.2200	3.090	6.6744	3.128	7.1318	3.162	7.5888
4.5	0.06708	2.951	5.6659	3.016	6.1526	3.056	6.6010	3.094	7.0543	3.128	7.5072
4.4	0.06633	2.918	5.6026	2.982	6.0833	3.022	6.5275	3.059	6.9745	3.093	7.4232
4.2	0.06481	2.851	5.4739	2.914	5.9446	2.953	6.3785	2.989	6.8149	3.022	7.2528
4.0	0.06325	2.782	5.3414	2.843	5.7997	2.882	6.2251	2.917	6.6508	2.949	7.0776
3.8	0.06164	2.711	5.2051	2.771	5.6528	2.808	6.0653	2.843	6.4820	2.874	6.8976
3.6	0.06000	2.639	5.0669	2.697	5.5019	2.734	5.9054	2.767	6.3088	2.798	6.7152
3.5	0.05916	2.602	4.9958	2.660	5.4264	2.695	5.8212	2.728	6.2198	2.758	6.6192
3.4	0.05831	2.565	4.9248	2.621	5.3468	2.657	5.7391	2.689	6.1309	2.719	6.5256
3.2	0.05657	2.488	4.7770	2.543	5.1877	2.577	5.5663	2.609	5.9485	2.638	6.3312
3.0	0.05477	2.409	4.6253	2.462	5.0225	2.495	5.3892	2.526	5.7593	2.554	6.1296
2.8	0.05292	2.328	4.4698	2.379	4.8532	2.411	5.2078	2.441	5.5655	2.468	5.9232
2.6	0.05099	2.243	4.3066	2.292	4.6757	2.323	5.0177	2.351	5.3603	2.378	5.7072
2.5	0.05000	2.199	4.2221	2.248	4.5859	2.278	4.9205	2.306	5.2577	2.331	5.5944
2.4	0.04899	2.155	4.1376	2.202	4.4921	2.232	4.8211	2.259	5.1505	2.284	5.4816
2.2	0.04690	2.063	3.9610	2.108	4.3003	2.137	4.6159	2.163	4.9316	2.187	5.2488
2.0	0.04472	1.967	3.7766	2.010	4.1004	2.038	4.4021	2.062	4.7014	2.085	5.0040
1.9	0.04359	1.917	3.6806	1.960	3.9984	1.986	4.2898	2.010	4.5828	2.033	4.8792
1.8	0.04243	1.866	3.5827	1.907	3.8903	1.933	4.1753	1.957	4.4620	1.978	4.7472
1.7	0.04123	1.814	3.4829	1.854	3.7822	1.879	4.0586	1.901	4.3343	1.922	4.6128
1.6	0.04000	1.759	3.3773	1.798	3.6679	1.822	3.9355	1.845	4.2066	1.865	4.4760
1.5	0.03873	1.704	3.2717	1.741	3.5516	1.765	3.8124	1.786	4.0721	1.806	4.3344
1.4	0.03742	1.646	3.1603	1.682	3.4313	1.705	3.6828	1.726	3.9353	1.745	4.1880
1.3	0.03606	1.586	3.0451	1.621	3.3068	1.643	3.5489	1.663	3.7916	1.681	4.0344
1.2	0.03464	1.524	2.9261	1.557	3.1763	1.578	3.4085	1.597	3.6412	1.615	3.8760
1.1	0.03317	1.459	2.8013	1.491	3.0416	1.511	3.2638	1.530	3.4884	1.547	3.7128
1.0	0.03162	1.391	2.6707	1.422	2.9009	1.441	3.1126	1.458	3.3242	1.474	3.5376
0.9	0.03000	1.320	2.5344	1.349	2.7520	1.367	2.9527	1.384	3.1555	1.399	3.3576
0.8	0.02828	1.244	2.3885	1.271	2.5928	1.288	2.7821	1.304	2.9731	1.319	3.1656
0.7	0.02646	1.164	2.2349	1.190	2.4276	1.206	2.6050	1.220	2.7816	1.234	2.9616
0.6	0.02449	1.077	2.0678	1.101	2.2460	1.116	2.4106	1.129	2.5741	1.142	2.7408
0.5	0.02236	0.984	1.8893	1.005	2.0502	1.019	2.2010	1.031	2.3507	1.043	2.5032
0.4	0.02000	0.880	1.6896	0.899	1.8340	0.911	1.9678	0.922	2.1022	0.933	2.2392
0.3	0.01732	0.762	1.4630	0.779	1.5892	0.789	1.7042	0.799	1.8217	0.808	1.9392
0.2	0.01414	0.622	1.1942	0.636	1.2974	0.644	1.3910	0.652	1.4866	0.659	1.5816
0.1	0.01000	0.440	0.8448	0.450	0.9180	0.456	0.9850	0.461	1.0511	0.466	1.1184

※Iは勾配(%)、Vは流速(m/s)、Qは流量(m³/s)

■ 流速流量表 (縦断用・横断用共通)

呼び名		1500×2100		1500×2200	
幅 a(m)		1.500		1.500	
深さ c(m)		2.100		2.200	
ハンチ高 s(m)		0.150		0.150	
水深余裕高 f(m)		0.420		0.440	
粗度係数(プレキャスト部)		0.013		0.013	
粗度係数(現場打部)		0.015		0.015	
P1		3.360		3.520	
P2		1.500		1.500	
潤辺 P1+P2(m)		4.860		5.020	
粗度係数n		0.0136		0.0136	
水深(m)		1.680		1.760	
通水断面積 A(m ²)		2.520		2.640	
潤辺 P(m)		4.860		5.020	
径深 R(m)		0.5185		0.5259	
R ^{2/3}		0.6454		0.6515	
I(‰)	I ^{1/2}	V	Q	V	Q
10.0	0.10000	4.746	11.9599	4.790	12.6456
9.0	0.09487	4.502	11.3450	4.545	11.9988
8.0	0.08944	4.244	10.6949	4.285	11.3124
7.0	0.08367	3.971	10.0069	4.008	10.5811
6.0	0.07746	3.676	9.2635	3.711	9.7970
5.5	0.07416	3.519	8.8679	3.553	9.3799
5.0	0.07071	3.356	8.4571	3.387	8.9417
4.8	0.06928	3.288	8.2858	3.319	8.7622
4.6	0.06782	3.218	8.1094	3.249	8.5774
4.5	0.06708	3.183	8.0212	3.213	8.4823
4.4	0.06633	3.148	7.9330	3.177	8.3873
4.2	0.06481	3.076	7.7515	3.105	8.1972
4.0	0.06325	3.002	7.5650	3.030	7.9992
3.8	0.06164	2.925	7.3710	2.953	7.7959
3.6	0.06000	2.847	7.1744	2.874	7.5874
3.5	0.05916	2.807	7.0736	2.834	7.4818
3.4	0.05831	2.767	6.9728	2.793	7.3735
3.2	0.05657	2.685	6.7662	2.710	7.1544
3.0	0.05477	2.599	6.5495	2.624	6.9274
2.8	0.05292	2.511	6.3277	2.535	6.6924
2.6	0.05099	2.420	6.0984	2.443	6.4495
2.5	0.05000	2.373	5.9800	2.395	6.3228
2.4	0.04899	2.325	5.8590	2.347	6.1961
2.2	0.04690	2.226	5.6095	2.247	5.9321
2.0	0.04472	2.122	5.3474	2.142	5.6549
1.9	0.04359	2.069	5.2139	2.088	5.5123
1.8	0.04243	2.014	5.0753	2.033	5.3671
1.7	0.04123	1.957	4.9316	1.975	5.2140
1.6	0.04000	1.898	4.7830	1.916	5.0582
1.5	0.03873	1.838	4.6318	1.855	4.8972
1.4	0.03742	1.776	4.4755	1.793	4.7335
1.3	0.03606	1.711	4.3117	1.727	4.5593
1.2	0.03464	1.644	4.1429	1.659	4.3798
1.1	0.03317	1.574	3.9665	1.589	4.1950
1.0	0.03162	1.501	3.7825	1.515	3.9996
0.9	0.03000	1.424	3.5885	1.437	3.7937
0.8	0.02828	1.342	3.3818	1.355	3.5772
0.7	0.02646	1.256	3.1651	1.268	3.3475
0.6	0.02449	1.162	2.9282	1.173	3.0967
0.5	0.02236	1.061	2.6737	1.071	2.8274
0.4	0.02000	0.949	2.3915	0.958	2.5291
0.3	0.01732	0.822	2.0714	0.830	2.1912
0.2	0.01414	0.671	1.6909	0.677	1.7873
0.1	0.01000	0.475	1.1970	0.479	1.2646

※Iは勾配(‰)、Vは流速(m/s)、Qは流量(m³/s)