

落差工水理計算（水クッション型）

比較検討一覧表

$Q = 5.000$ $x = 0.840$ $y = 0.427$ $z = 1.200$
 $B = 3.800$ $= 1.021$ $v = 4.850$ $d = 0.254$

B0	hD	B B0 2・B	Hn	Hn Z/3	S	Vm	L	L0	P	3・M	P>3・M	d2	hf
4.200	0.500	OK	1.410	OK	1.654	4.580	1.705	4.263	4.175	7.010	OUT	0.156	1.337
4.200	0.600	OK	1.510	OK	1.772	4.425	1.766	4.415	4.788	6.773	OUT	0.156	1.337
4.200	0.700	OK	1.610	OK	1.889	4.286	1.828	4.570	5.443	6.560	OUT	0.156	1.337
4.200	0.800	OK	1.710	OK	2.006	4.159	1.889	4.723	6.141	6.366	OUT	0.156	1.337
4.300	0.500	OK	1.410	OK	1.654	4.580	1.705	4.263	4.274	7.010	OUT	0.156	1.337
4.300	0.600	OK	1.510	OK	1.772	4.425	1.766	4.415	4.902	6.773	OUT	0.156	1.337
4.300	0.700	OK	1.610	OK	1.889	4.286	1.828	4.570	5.573	6.560	OUT	0.156	1.337
4.300	0.800	OK	1.710	OK	2.006	4.159	1.889	4.723	6.287	6.366	OUT	0.156	1.337
4.400	0.500	OK	1.410	OK	1.654	4.580	1.705	4.263	4.374	7.010	OUT	0.156	1.337
4.400	0.600	OK	1.510	OK	1.772	4.425	1.766	4.415	5.016	6.773	OUT	0.156	1.337
4.400	0.700	OK	1.610	OK	1.889	4.286	1.828	4.570	5.703	6.560	OUT	0.156	1.337
4.400	0.800	OK	1.710	OK	2.006	4.159	1.889	4.723	6.433	6.366	OK	0.156	1.337
4.500	0.500	OK	1.410	OK	1.654	4.580	1.705	4.263	4.473	7.010	OUT	0.156	1.337
4.500	0.600	OK	1.510	OK	1.772	4.425	1.766	4.415	5.130	6.773	OUT	0.156	1.337
4.500	0.700	OK	1.610	OK	1.889	4.286	1.828	4.570	5.832	6.560	OUT	0.156	1.337
4.500	0.800	OK	1.710	OK	2.006	4.159	1.889	4.723	6.579	6.366	OK	0.156	1.337

落差工水理計算 (水クッション型)

比較検討一覧表

$Q = 5.000$ $x = 0.899$ $y = 0.527$ $z = 1.300$
 $B = 3.800$ $= 1.050$ $v = 5.048$ $d = 0.245$

B0	hD	B B0 2・B	Hn	Hn Z/3	S	Vm	L	L0	P	3・M	P>3・M	d2	hf
4.200	0.500	OK	1.410	OK	1.625	4.724	1.707	4.268	4.175	7.231	OUT	0.156	1.437
4.200	0.600	OK	1.510	OK	1.740	4.565	1.765	4.413	4.788	6.987	OUT	0.156	1.437
4.200	0.700	OK	1.610	OK	1.856	4.420	1.822	4.555	5.443	6.765	OUT	0.156	1.437
4.200	0.800	OK	1.710	OK	1.971	4.289	1.879	4.698	6.141	6.565	OUT	0.156	1.437
4.300	0.500	OK	1.410	OK	1.625	4.724	1.707	4.268	4.274	7.231	OUT	0.156	1.437
4.300	0.600	OK	1.510	OK	1.740	4.565	1.765	4.413	4.902	6.987	OUT	0.156	1.437
4.300	0.700	OK	1.610	OK	1.856	4.420	1.822	4.555	5.573	6.765	OUT	0.156	1.437
4.300	0.800	OK	1.710	OK	1.971	4.289	1.879	4.698	6.287	6.565	OUT	0.156	1.437
4.400	0.500	OK	1.410	OK	1.625	4.724	1.707	4.268	4.374	7.231	OUT	0.156	1.437
4.400	0.600	OK	1.510	OK	1.740	4.565	1.765	4.413	5.016	6.987	OUT	0.156	1.437
4.400	0.700	OK	1.610	OK	1.856	4.420	1.822	4.555	5.703	6.765	OUT	0.156	1.437
4.400	0.800	OK	1.710	OK	1.971	4.289	1.879	4.698	6.433	6.565	OUT	0.156	1.437
4.500	0.500	OK	1.410	OK	1.625	4.724	1.707	4.268	4.473	7.231	OUT	0.156	1.437
4.500	0.600	OK	1.510	OK	1.740	4.565	1.765	4.413	5.130	6.987	OUT	0.156	1.437
4.500	0.700	OK	1.610	OK	1.856	4.420	1.822	4.555	5.832	6.765	OUT	0.156	1.437
4.500	0.800	OK	1.710	OK	1.971	4.289	1.879	4.698	6.579	6.565	OK	0.156	1.437

落差工水理計算（水クッション型）

比較検討一覧表

$Q = 5.000$ $x = 0.955$ $y = 0.627$ $z = 1.400$
 $B = 3.800$ $= 1.076$ $v = 5.238$ $d = 0.236$

B0	hD	B B0 2・B	Hn	Hn Z/3	S	Vm	L	L0	P	3・M	P>3・M	d2	hf
4.200	0.500	OK	1.410	OK	1.602	4.845	1.716	4.290	4.175	7.416	OUT	0.156	1.537
4.200	0.600	OK	1.510	OK	1.716	4.681	1.770	4.425	4.788	7.165	OUT	0.156	1.537
4.200	0.700	OK	1.610	OK	1.829	4.535	1.824	4.560	5.443	6.941	OUT	0.156	1.537
4.200	0.800	OK	1.710	OK	1.943	4.399	1.878	4.695	6.141	6.733	OUT	0.156	1.537
4.300	0.500	OK	1.410	OK	1.602	4.845	1.716	4.290	4.274	7.416	OUT	0.156	1.537
4.300	0.600	OK	1.510	OK	1.716	4.681	1.770	4.425	4.902	7.165	OUT	0.156	1.537
4.300	0.700	OK	1.610	OK	1.829	4.535	1.824	4.560	5.573	6.941	OUT	0.156	1.537
4.300	0.800	OK	1.710	OK	1.943	4.399	1.878	4.695	6.287	6.733	OUT	0.156	1.537
4.400	0.500	OK	1.410	OK	1.602	4.845	1.716	4.290	4.374	7.416	OUT	0.156	1.537
4.400	0.600	OK	1.510	OK	1.716	4.681	1.770	4.425	5.016	7.165	OUT	0.156	1.537
4.400	0.700	OK	1.610	OK	1.829	4.535	1.824	4.560	5.703	6.941	OUT	0.156	1.537
4.400	0.800	OK	1.710	OK	1.943	4.399	1.878	4.695	6.433	6.733	OUT	0.156	1.537
4.500	0.500	OK	1.410	OK	1.602	4.845	1.716	4.290	4.473	7.416	OUT	0.156	1.537
4.500	0.600	OK	1.510	OK	1.716	4.681	1.770	4.425	5.130	7.165	OUT	0.156	1.537
4.500	0.700	OK	1.610	OK	1.829	4.535	1.824	4.560	5.832	6.941	OUT	0.156	1.537
4.500	0.800	OK	1.710	OK	1.943	4.399	1.878	4.695	6.579	6.733	OUT	0.156	1.537

落差工水理計算 (水クッション型)

比較検討一覧表

$Q = 5.000$ $x = 1.008$ $y = 0.727$ $z = 1.500$
 $B = 3.800$ $= 1.098$ $v = 5.422$ $d = 0.229$

B0	hD	B B0 2・B	Hn	Hn Z/3	S	Vm	L	L0	P	3・M	P>3・M	d2	hf
4.200	0.500	OK	1.410	OK	1.584	4.968	1.729	4.323	4.175	7.604	OUT	0.156	1.637
4.200	0.600	OK	1.510	OK	1.696	4.802	1.780	4.450	4.788	7.350	OUT	0.156	1.637
4.200	0.700	OK	1.610	OK	1.808	4.650	1.831	4.578	5.443	7.117	OUT	0.156	1.637
4.200	0.800	OK	1.710	OK	1.921	4.512	1.882	4.705	6.141	6.906	OUT	0.156	1.637
4.300	0.500	OK	1.410	OK	1.584	4.968	1.729	4.323	4.274	7.604	OUT	0.156	1.637
4.300	0.600	OK	1.510	OK	1.696	4.802	1.780	4.450	4.902	7.350	OUT	0.156	1.637
4.300	0.700	OK	1.610	OK	1.808	4.650	1.831	4.578	5.573	7.117	OUT	0.156	1.637
4.300	0.800	OK	1.710	OK	1.921	4.512	1.882	4.705	6.287	6.906	OUT	0.156	1.637
4.400	0.500	OK	1.410	OK	1.584	4.968	1.729	4.323	4.374	7.604	OUT	0.156	1.637
4.400	0.600	OK	1.510	OK	1.696	4.802	1.780	4.450	5.016	7.350	OUT	0.156	1.637
4.400	0.700	OK	1.610	OK	1.808	4.650	1.831	4.578	5.703	7.117	OUT	0.156	1.637
4.400	0.800	OK	1.710	OK	1.921	4.512	1.882	4.705	6.433	6.906	OUT	0.156	1.637
4.500	0.500	OK	1.410	OK	1.584	4.968	1.729	4.323	4.473	7.604	OUT	0.156	1.637
4.500	0.600	OK	1.510	OK	1.696	4.802	1.780	4.450	5.130	7.350	OUT	0.156	1.637
4.500	0.700	OK	1.610	OK	1.808	4.650	1.831	4.578	5.832	7.117	OUT	0.156	1.637
4.500	0.800	OK	1.710	OK	1.921	4.512	1.882	4.705	6.579	6.906	OUT	0.156	1.637