



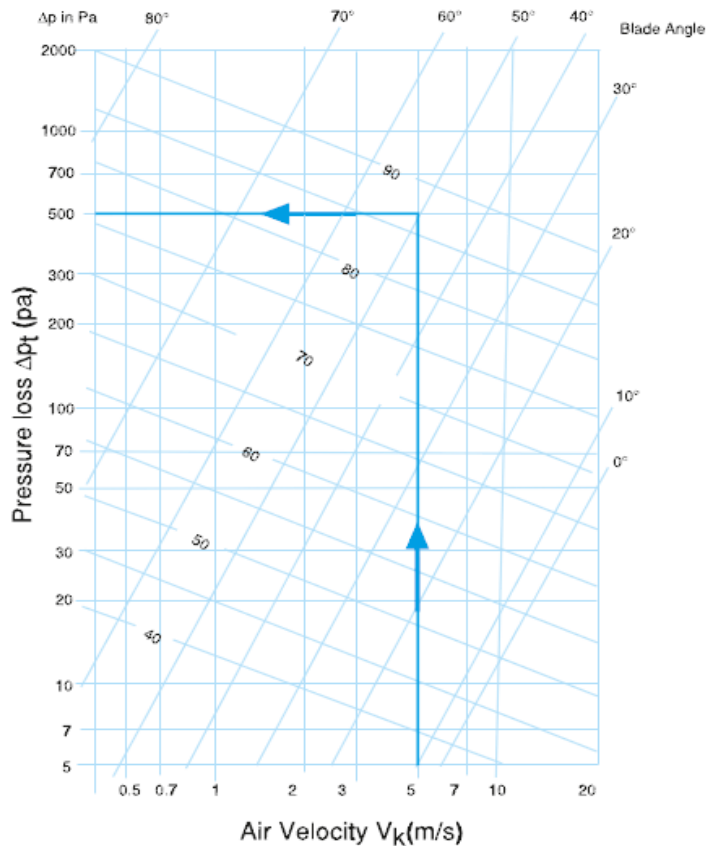
MODEL BDD-1

Back Draft Damper Performance Data

Rectangular Back Draft Damper Standard Sizes
Ak(m2) Values

H	200	300	400	500	600	800	1000	1200	1400	1600	1800	2000
105	0.021	0.031	0.041	0.052	0.062	0.083	0.103	0.124	0.144	0.165	0.186	0.206
205	0.040	0.060	0.081	0.101	0.121	0.161	0.201	0.242	0.282	0.322	0.363	0.403
305	0.060	0.090	0.120	0.150	0.180	0.240	0.300	0.360	0.419	0.479	0.539	0.599
405	0.080	0.119	0.159	0.199	0.239	0.318	0.398	0.477	0.557	0.636	0.716	0.796
505	0.099	0.149	0.198	0.248	0.298	0.397	0.496	0.595	0.694	0.794	0.893	0.992
605	0.119	0.178	0.238	0.297	0.357	0.475	0.594	0.713	0.832	0.951	1.070	1.188
705	0.138	0.208	0.277	0.346	0.415	0.554	0.692	0.831	0.969	1.108	1.246	1.385
805	0.158	0.237	0.316	0.395	0.474	0.632	0.791	0.949	1.107	1.265	1.423	1.581
905	0.178	0.267	0.356	0.444	0.533	0.711	0.889	1.067	1.244	1.422	1.600	1.778
1005	0.197	0.296	0.395	0.494	0.592	0.790	0.987	1.184	1.382	1.579	1.777	1.974
1105	0.217	0.326	0.434	0.543	0.651	0.868	1.085	1.302	1.519	1.736	1.953	2.170
1205	0.237	0.355	0.473	0.592	0.710	0.947	1.183	1.420	1.657	1.893	2.130	2.367
1305	0.256	0.384	0.513	0.641	0.769	1.025	1.282	1.538	1.794	2.051	2.307	2.563
1405	0.276	0.414	0.552	0.690	0.828	1.104	1.330	1.656	1.932	2.208	2.484	2.760
1505	0.296	0.443	0.591	0.739	0.887	1.181	1.478	1.774	2.069	2.365	2.660	2.956
1605	0.315	0.473	0.630	0.788	0.946	1.261	1.576	1.891	2.207	2.522	2.837	3.152
1705	0.335	0.502	0.670	0.837	1.005	1.340	1.640	2.009	2.344	2.679	3.014	3.349

1 m2 Damper For Ak(m2) Value For Pressure Drop Diagram



Submittal No.

Revision:

Date: 01/01/2019

Submitted by:

Date submitted: