



KINGSTON

Manufacturing reliable industrial valves for industry since 1908.

KNG Series Flow Coefficient Kd Chart

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Model No.	Orifice Size	Inlet x Outlet (inches)	Flow Area		Flow Coefficient Kd			
					in ²	cm ²	Section I Steam	Section VIII Steam
KNG560/KNG563	D	1/2" x 3/4" 3/4" x 3/4"	0.125	0.806	0.856	-	-	-
	E	3/4" X 1" 1" X 1"	0.221	1.426	0.856	-	-	-
	F	1" X 1-1/4" 1-1/4" X 1-1/4"	0.352	2.271	0.856	-	-	-
	G	1-1/4" x 1-1/2" 1-1/2" x 1-1/2"	0.567	3.658	0.856	-	-	-
	H	1-1/2" x 2" 2" x 2"	0.899	5.8	0.856	-	-	-
	J	2" x 2-1/2" 2-1/2" x 2-1/2"	1.463	9.439	0.856	-	-	-
KNG570/KNG573	D	1/2" x 3/4" 3/4" x 3/4"	0.125	0.806	-	0.856	0.856	-
	E	3/4" X 1" 1" X 1"	0.221	1.426	-	0.856	0.856	-
	F	1" X 1-1/4" 1-1/4" X 1-1/4"	0.352	2.271	-	0.856	0.856	-
	G	1-1/4" x 1-1/2" 1-1/2" x 1-1/2"	0.567	3.658	-	0.856	0.856	-
	H	1-1/2" x 2" 2" x 2"	0.899	5.8	-	0.856	0.856	-
	J	2" x 2-1/2" 2-1/2" x 2-1/2"	1.463	9.439	-	0.856	0.856	-
KNG740/ KNG741/ KNG742/KNG743	D	1/2" x 3/4" 1/2" x 1" 3/4" x 3/4" 3/4" x 1" 1" x 1"	0.126	0.813	-	0.878	0.878	0.791
	E	3/4" x 1" 3/4" x 1-1/4" 1" x 1" 1" x 1-1/4"	0.217	1.400	-	0.878	0.878	0.791
	F	1" x 1-1/2" 1-1/4" x 1-1/2" 1-1/2" x 1-1/2"	0.353	2.277	-	0.878	0.878	0.791
	G	1-1/4" x 2" 1-1/2" x 2" 2" x 2"	0.554	3.574	-	0.878	0.878	0.791
	H	1-1/2" x 2-1/2"	0.923	5.955	-	0.878	0.878	0.791
	J	2" x 3"	1.418	9.148	-	0.878	0.878	0.791



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