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Performance Low Flow Configuration - DT1-55, 20-200 bar ΔP

Cv Plot

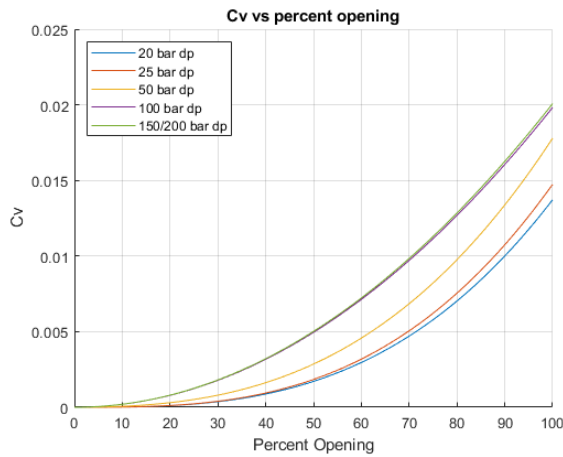


Figure 1: Cv Values 5-15bar ΔP

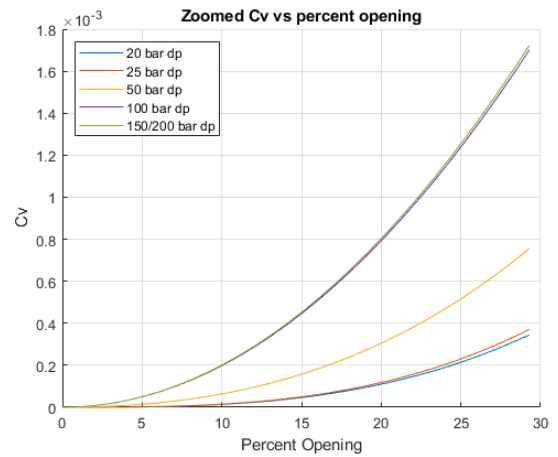


Figure 2: Zoomed Cv Values 5-15bar ΔP

Flow Plot

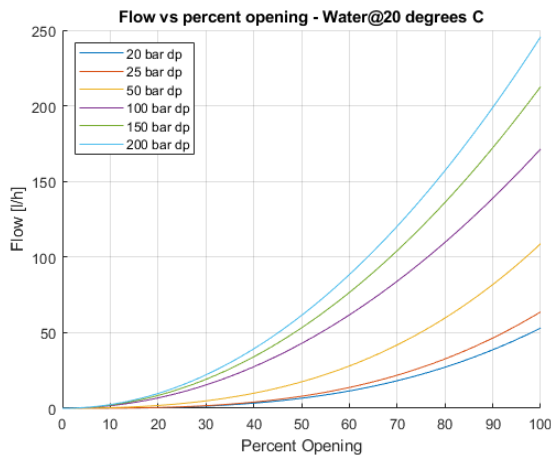


Figure 3: Percent opening flow [l/h]

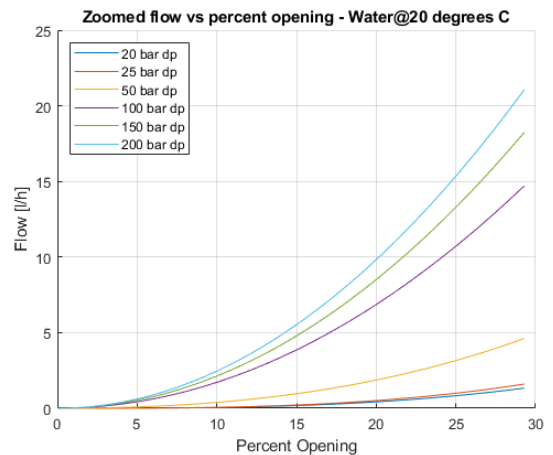


Figure 4: Zoomed percent opening flow [l/h]

Tables

DT1-55 Flow performance vs Percent opening - [l/h]

ΔP [bar]	5%	10%	25%	50%	75%	100%
20	0.004	0.04	0.76	6.43	22.17	53.08
25	0.004	0.05	0.91	7.73	26.62	63.74
50	0.056	0.32	2.93	17.04	49.82	108.79
100	0.28	1.42	10.08	42.00	95.79	171.45
150	0.35	1.76	12.50	52.10	118.82	212.67
200	0.40	2.03	14.43	60.15	137.20	245.57

Cv performance vs Percent opening

ΔP [bar]	5%	10%	25%	50%	75%	100%
20	9.1×10^{-7}	1.1×10^{-5}	1.9×10^{-4}	0.0017	0.0057	0.0137
25	9.7×10^{-7}	1.1×10^{-5}	2.1×10^{-4}	0.0018	0.0062	0.0147
50	9.1×10^{-6}	5.2×10^{-5}	4.8×10^{-4}	0.0028	0.0081	0.0178
100	3.2×10^{-5}	1.6×10^{-4}	0.0012	0.0049	0.0111	0.0198
150	3.3×10^{-5}	1.7×10^{-4}	0.0012	0.0049	0.0112	0.02
200	3.3×10^{-5}	1.7×10^{-4}	0.0012	0.0049	0.0112	0.02

For more info or other configurations
Please contact us at ems@droptech.no
Yours sincerely
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