

Pressure reducer

AFD / VFG 2 (VFG 21), VFGS 2 DN 15 - 250



Valves

Valves VFG 2 (metallic sealing cone)

	DN mm	k _{vs} m ³ /h	t _{max.} °C		Code No.		
					PN 16	PN 25	PN 40
	15	4.0	150	200*	065B2388	065B2401	065B2411
	20	6.3	150	200*	065B2389	065B2402	065B2412
	25	8.0	150	200*	065B2390	065B2403	065B2413
	32	16	150	200*	065B2391	065B2404	065B2414
	40	20	150	200*	065B2392	065B2405	065B2415
	50	32	150	200*	065B2393	065B2406	065B2416
	65	50	150	200*	065B2394	065B2407	065B2417
	80	80	150	200*	065B2395	065B2408	065B2418
	100	125	150	200*	065B2396	065B2409	065B2419
	125	160	150	200*	065B2397	065B2410	065B2420
	150	280	140	-	065B2398	-	065B2421
	200	320	140	-	065B2399	-	065B2422
	250	400	140	-	065B2400	-	065B2423
	150	280	-	200*	on request		
	200	320	-	200*			
	250	400	-	200*			

* temperatures up to 200 °C only with seal pot, mounted in the impulse tube to the flow

Valves VFG 21 (soft sealing cone)

	DN mm	k _{vs} m ³ /h	t _{max.} °C	Code No.		
				PN 16	PN 25	PN 40
	15	4.0	150	065B2502	065B2515	065B2525
	20	6.3	150	065B2503	065B2516	065B2526
	25	8.0	150	065B2504	065B2517	065B2527
	32	16	150	065B2505	065B2518	065B2528
	40	20	150	065B2506	065B2519	065B2529
	50	32	150	065B2507	065B2520	065B2530
	65	50	150	065B2508	065B2521	065B2531
	80	80	150	065B2509	065B2522	065B2532
	100	125	150	065B2510	065B2523	065B2533
	125	160	150	065B2511	065B2524	065B2534
	150	280	140	065B2512	-	065B2535
	200	320	140	065B2513	-	065B2536
	250	400	140	065B2514	-	065B2537

Valves VFGS 2 - steam

	DN mm	k _{vs} m ³ /h	t _{max.} ¹⁾ °C	Code No.		
				PN 16	PN 25	PN 40
	15	4.0	350	065B2430	065B2443	065B2453
	20	6.3	350	065B2431	065B2444	065B2454
	25	8.0	350	065B2432	065B2445	065B2455
	32	16	350	065B2433	065B2446	065B2456
	40	20	350	065B2434	065B2447	065B2457
	50	32	350	065B2435	065B2448	065B2458
	65	50	350	065B2436	065B2449	065B2459
	80	80	350	065B2437	065B2450	065B2460
	100	125	350	065B2438	065B2451	065B2461
	125	160	350	065B2439	065B2452	065B2462
	150	280	300	065B2440	-	065B2463
	200	320	300	065B2441	-	065B2464
	250	400	300	065B2442	-	065B2465


Valves (continued)

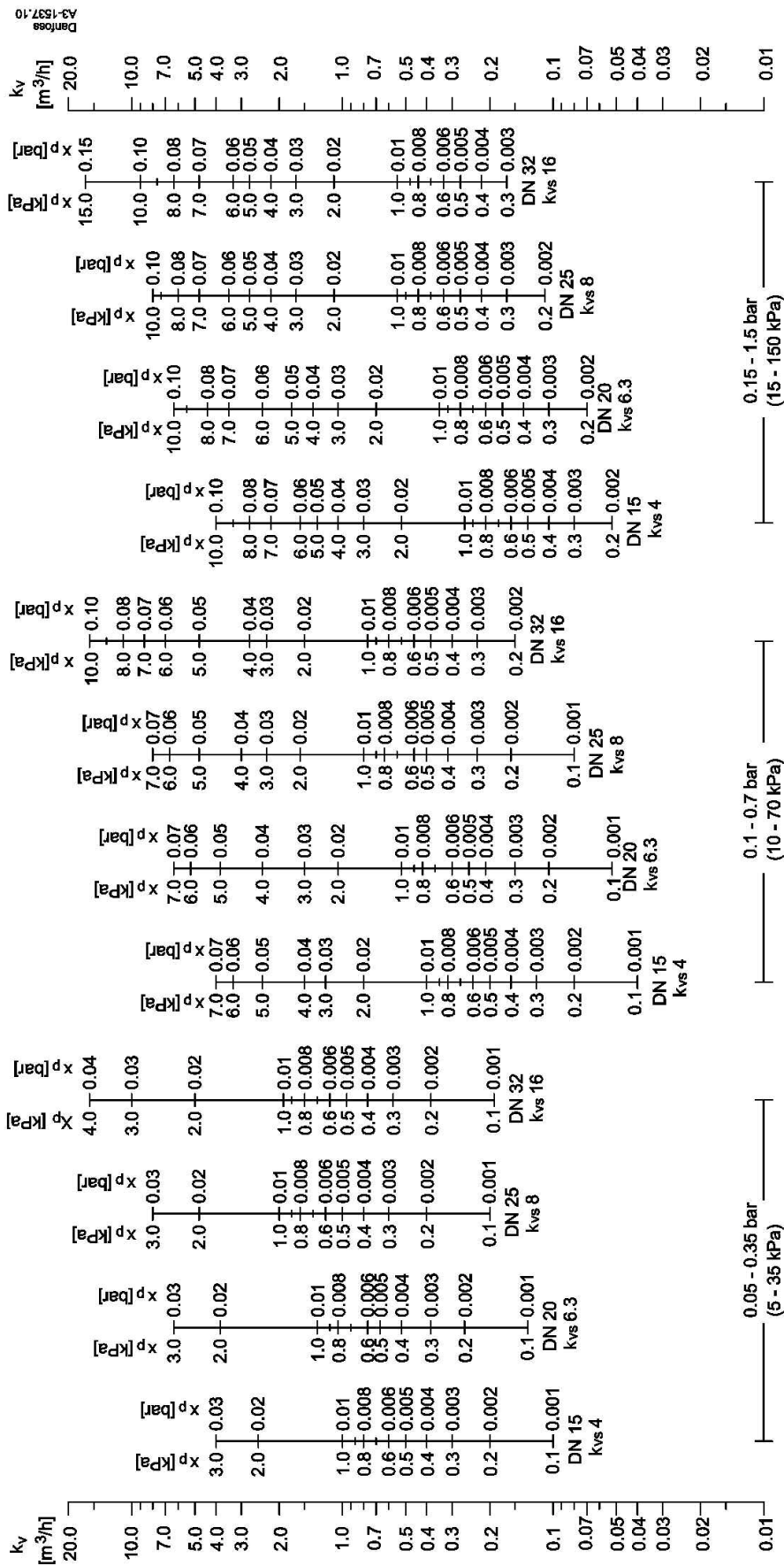
¹⁾ Max. medium temperatures for valves VFGS 2

	PN	DN 15 - 125	DN 150 - 250
Steam, max. 200 °C	16, 25, 40	with seal pot	-
Steam, max. 300 °C	16, 40	-	with seal pot
Steam, max. 300 °C	16	with seal pot and stem extension ZF4	-
Steam, max. 350 °C	25, 40	with seal pot and stem extension ZF4	-

Actuators

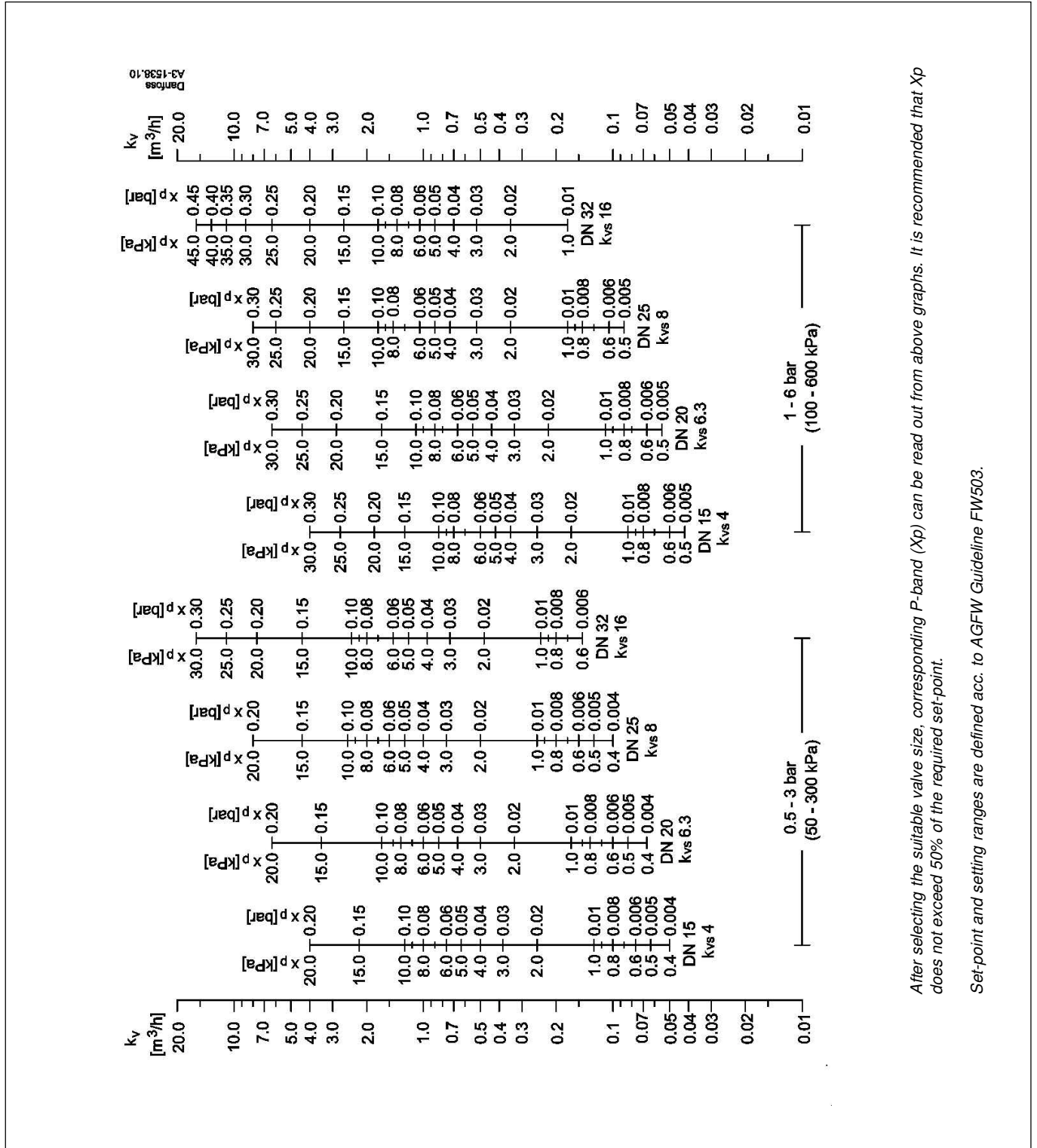
AFD Actuators

	Pressure setpoint (bar)	For DN	Code No.
	8 - 16	DN 15 - 125	DN 15 - 250
3 - 12	003G1001		
1 - 6	DN 15 - 250	DN 15 - 250	003G1002
0.5 - 3			003G1003
0.1 - 0.7			003G1004
0.15 - 1.5			003G1005
0.05 - 0.35 (630 cm ²)			003G1006



After selecting the suitable valve size, corresponding P-band (Xp) can be read out from above graphs. It is recommended that Xp does not exceed 50% of the required set-point.

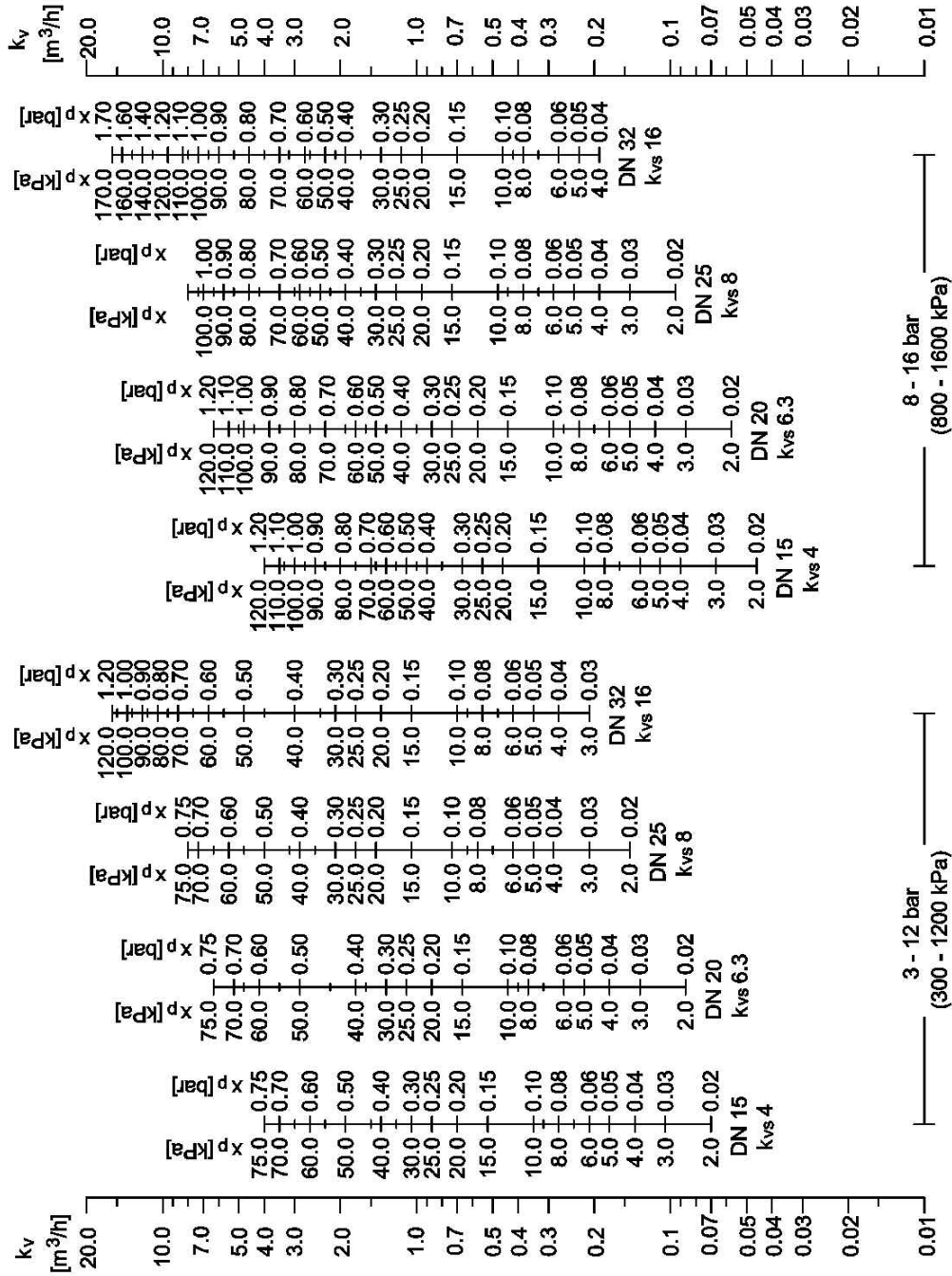
Set-point and setting ranges are defined acc. to AGFW Guideline FW503.



After selecting the suitable valve size, corresponding P-band (X_p) can be read out from above graphs. It is recommended that X_p does not exceed 50% of the required set-point.

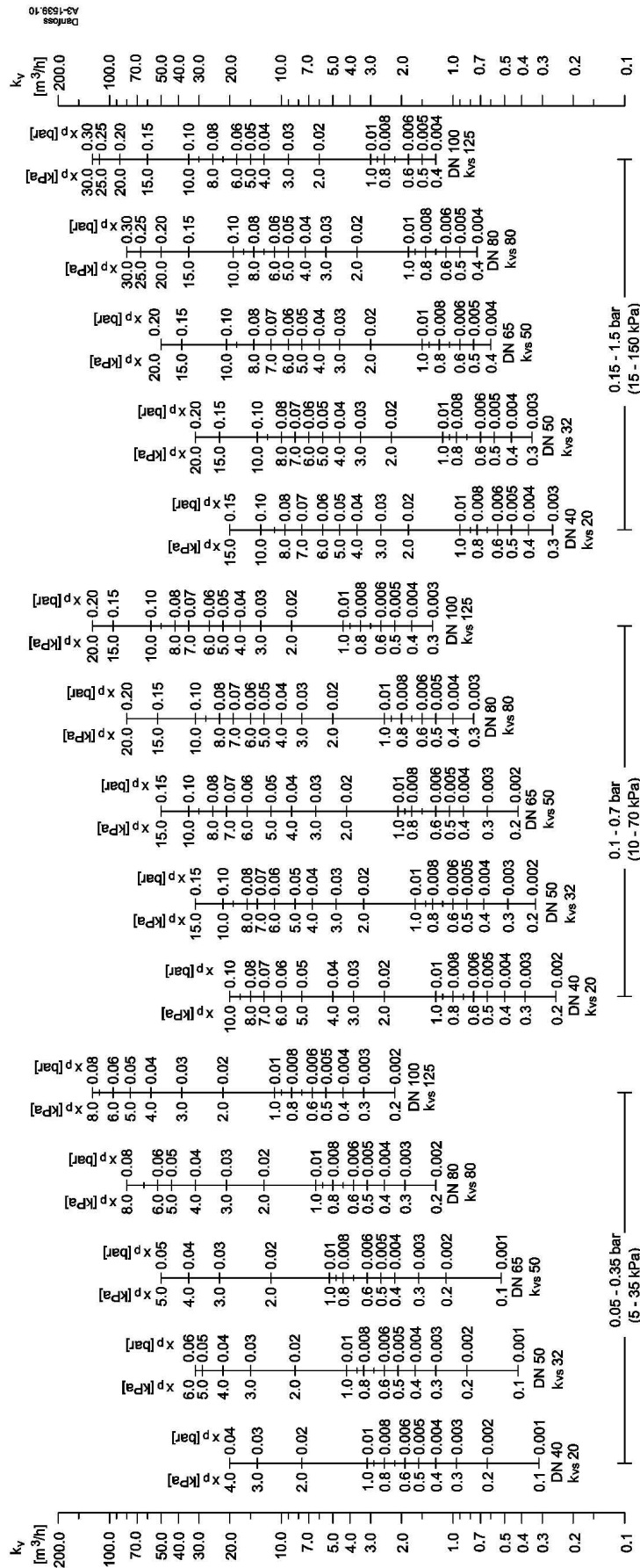
Set-point and setting ranges are defined acc. to AGFW Guideline FW503.

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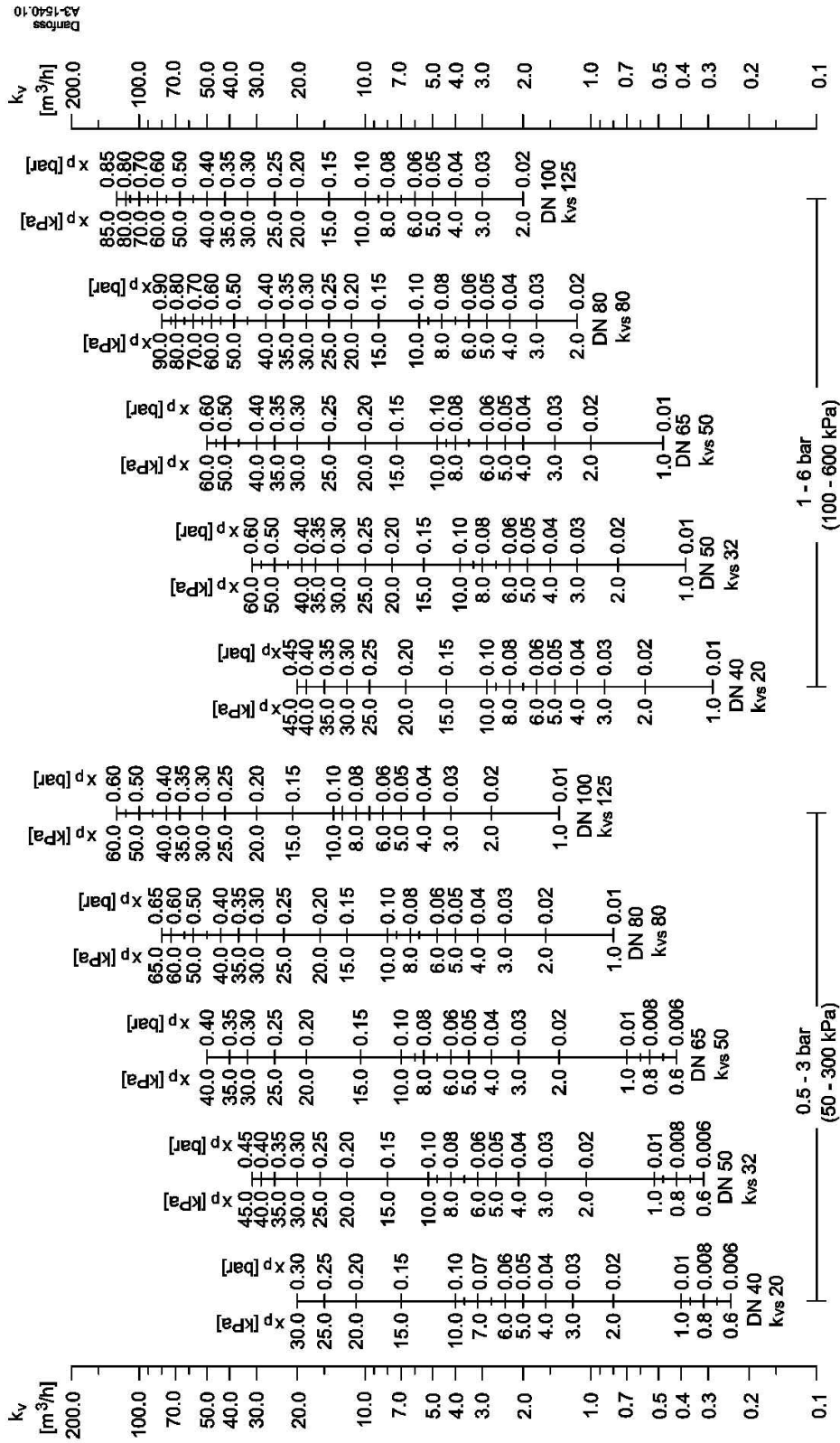
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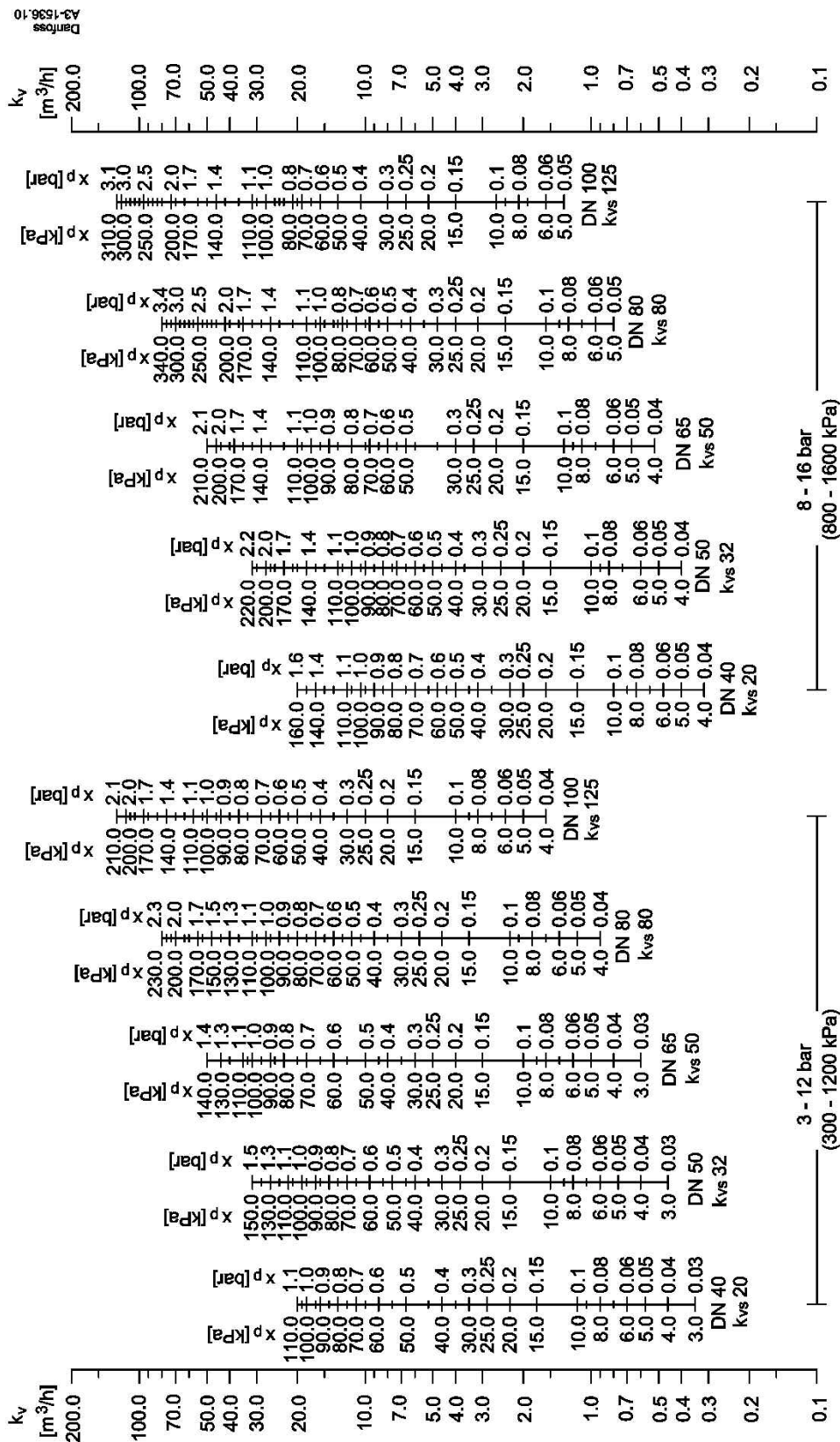
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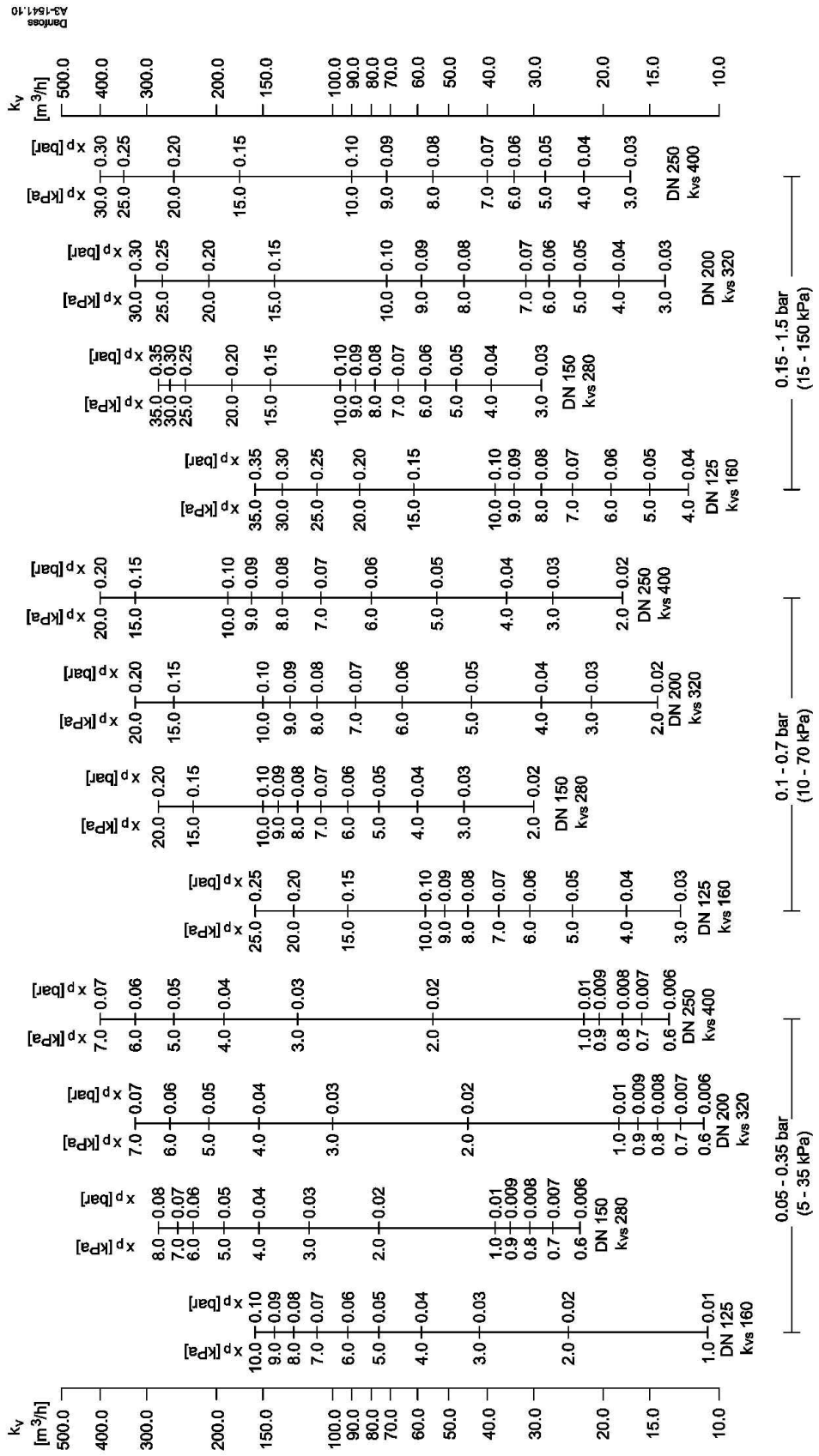
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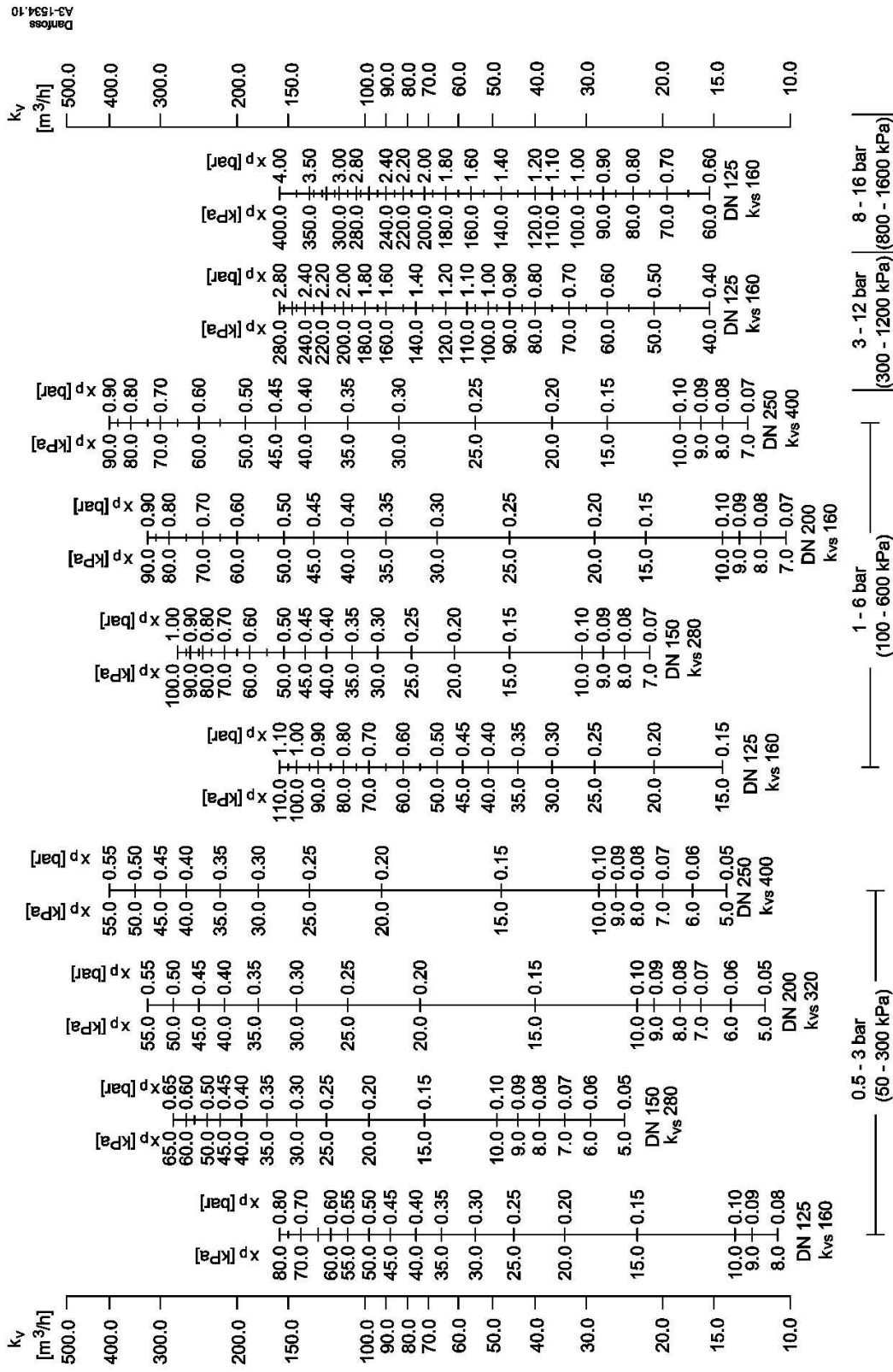


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