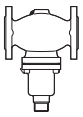
Pressure reducer

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

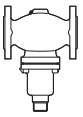
Valves

Valves VFG 2 (metallic sealing cone)

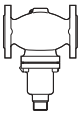
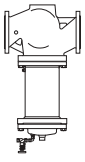
	DN mm	k_{vs} m³/h	$t_{max.}$ °C		Code No. PN 16	PN 25	PN 40
	15	4.0	150	200*	**065B2388**	**065B2401**	**065B2411**
	20	6.3	150	200*	**065B2389**	**065B2402**	**065B2412**
	25	8.0	150	200*	**065B2390**	**065B2403**	**065B2413**
	32	16	150	200*	**065B2391**	**065B2404**	**065B2414**
	40	20	150	200*	**065B2392**	**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} m³/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} m³/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**

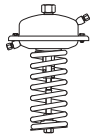
Valves *(continued)*

[1] Max. medium temperatures for valves VFGS 2

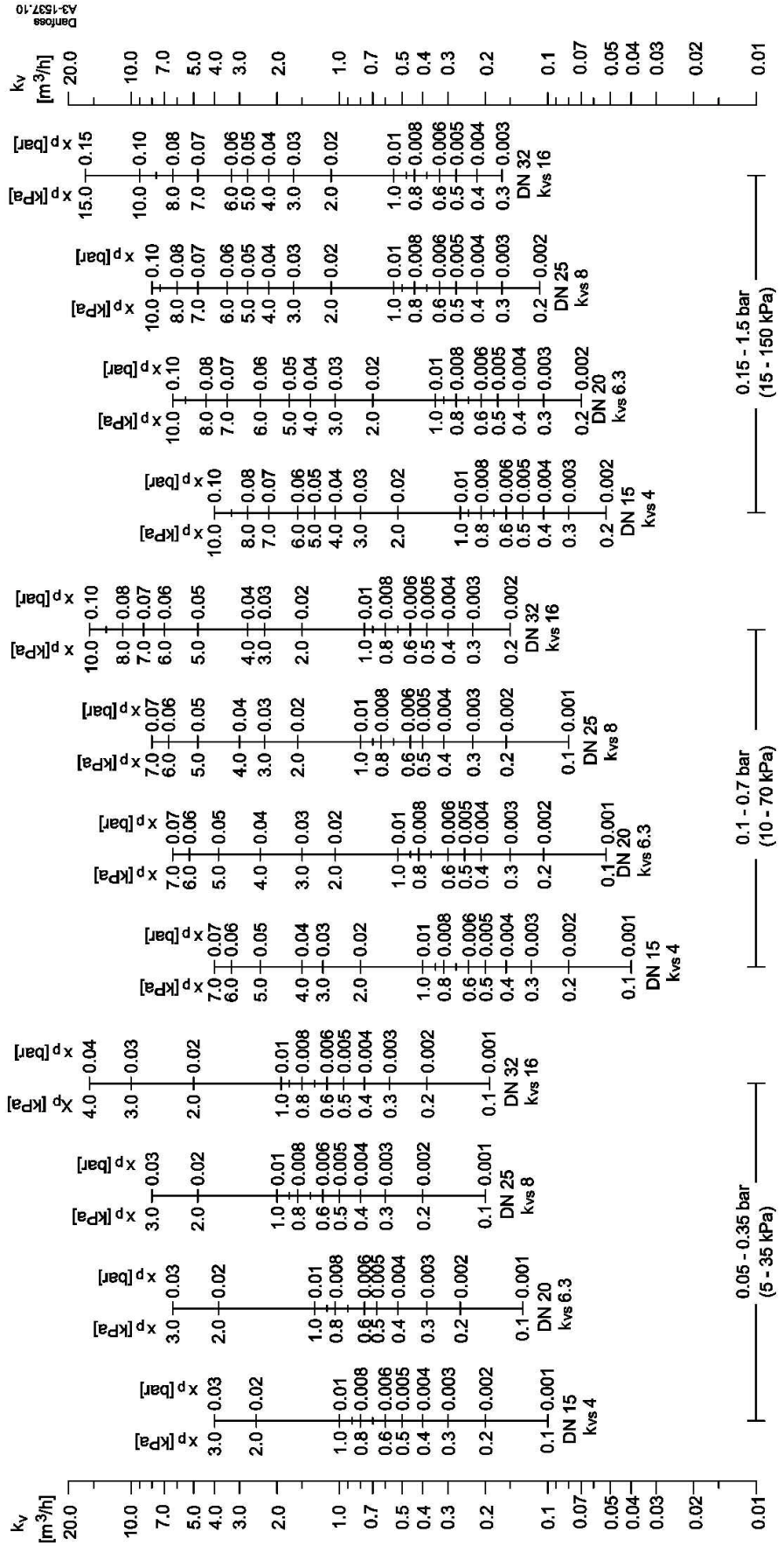
	PN	DN 15 - 125	DN 150 - 250
Steam, max. 200 °C	16, 25, 40	with seal pot	-
Steam, max. 300 °C	16, 40	-	with seal pot
Steam, max. 300 °C	16	with seal pot and stem extension ZF4	-
Steam, max. 350 °C	25, 40	with seal pot and stem extension ZF4	-

Actuators

AFD Actuators

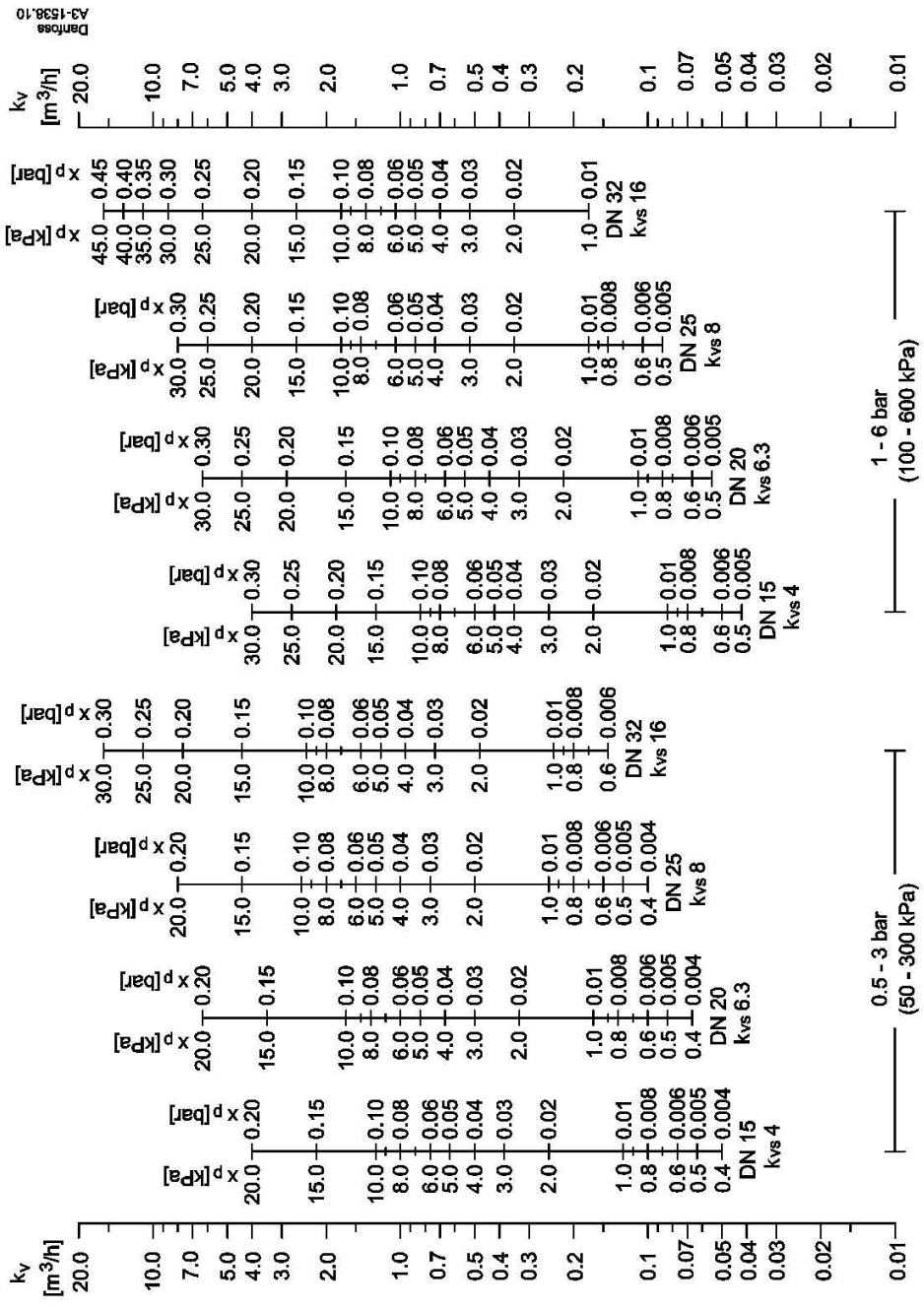


Pressure setpoint (bar)	For DN	**Code No.**
8 - 16	DN 15 - 125	**003G1000**
3 - 12		**003G1001**
1 - 6	DN 15 - 250	**003G1002**
0.5 - 3		**003G1003**
0.1 - 0.7		**003G1004**
0.15 - 1.5		**003G1005**
0.05 - 0.35 (630 cm^2)		**003G1006**



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.



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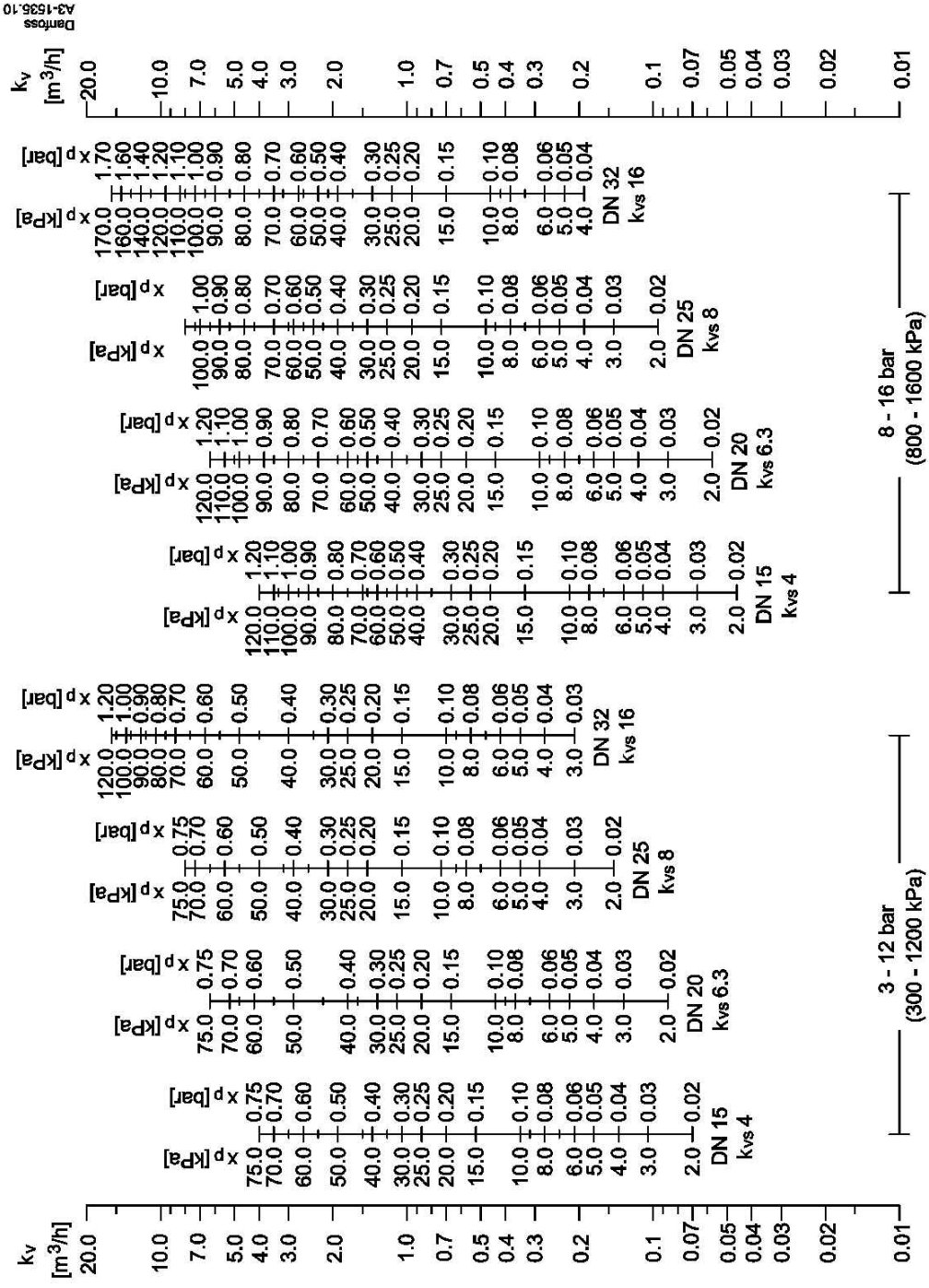

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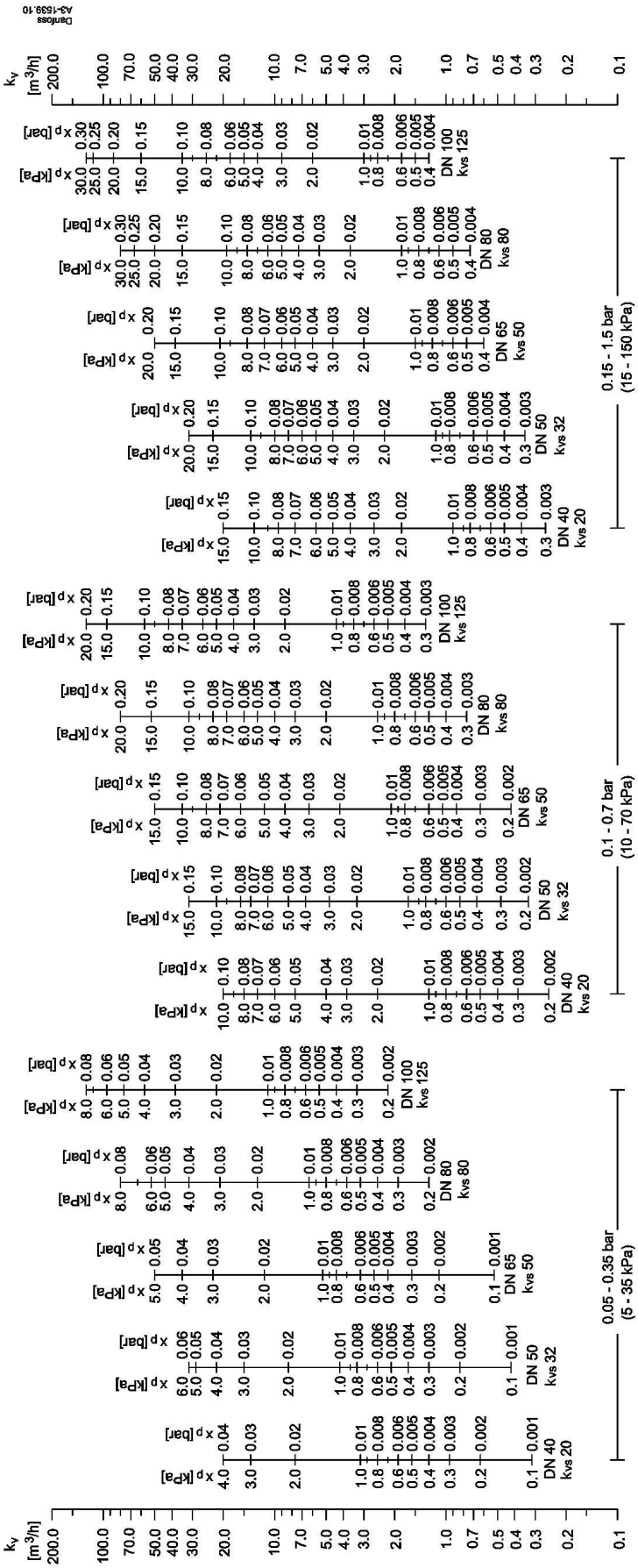

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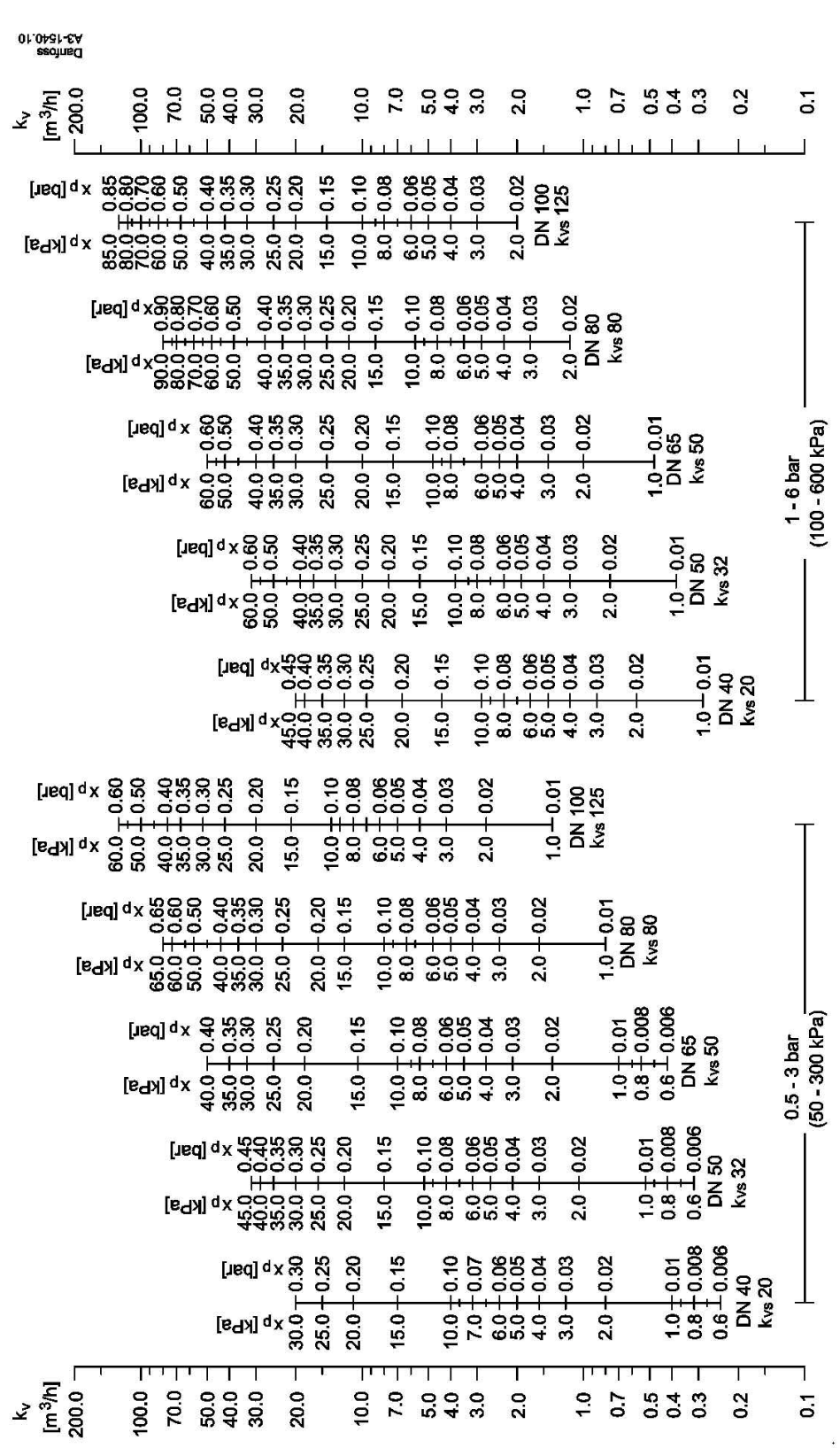

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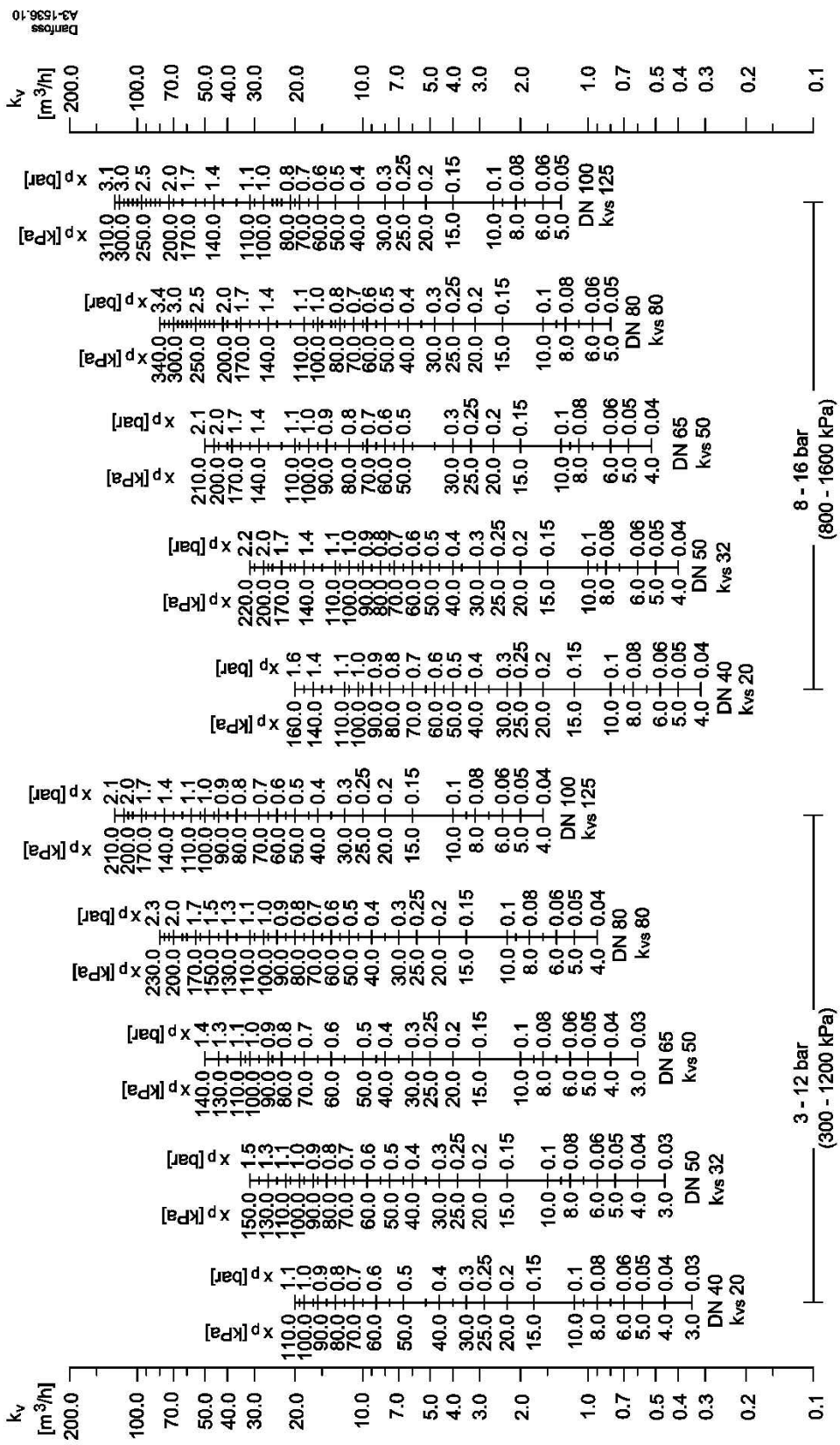

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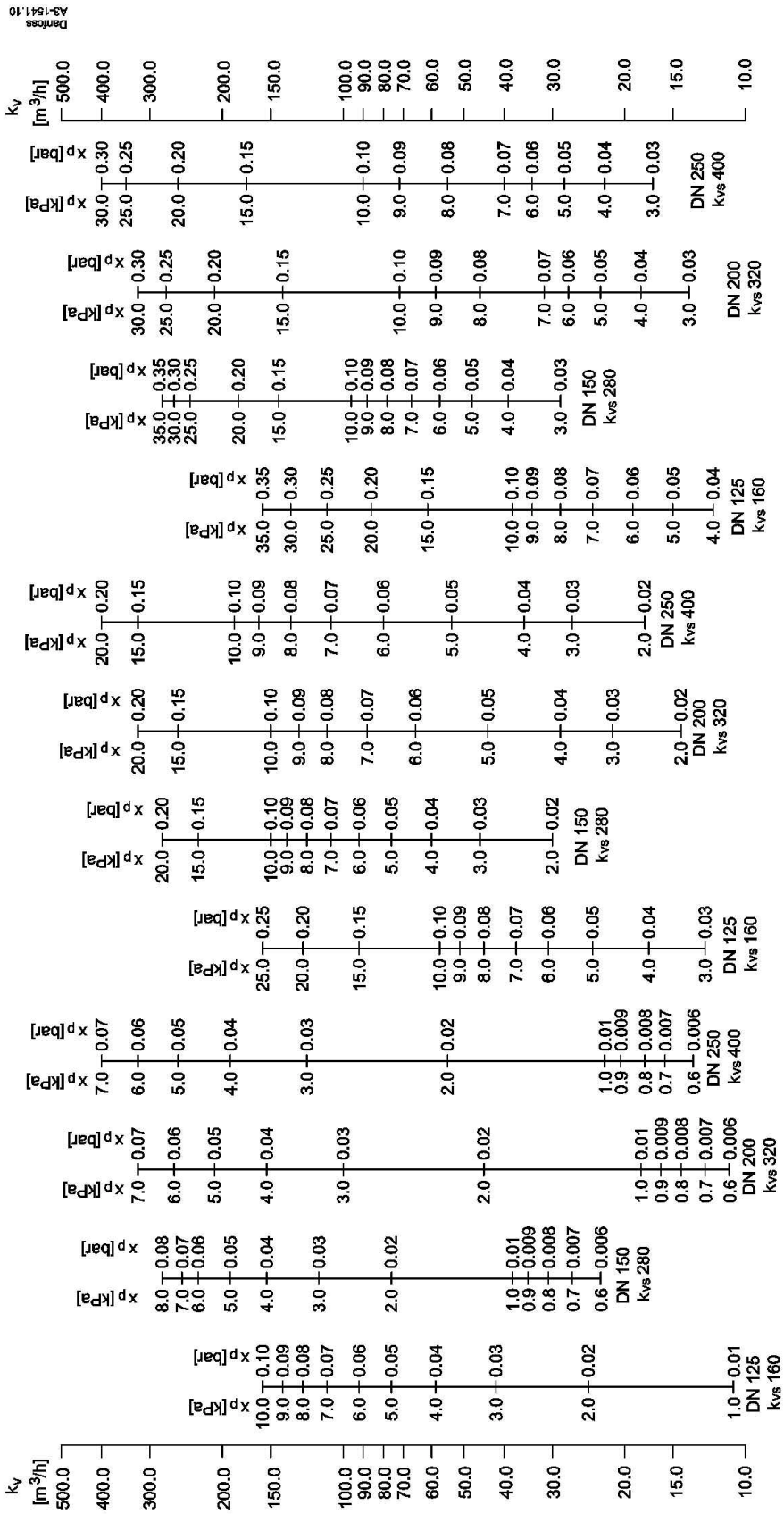

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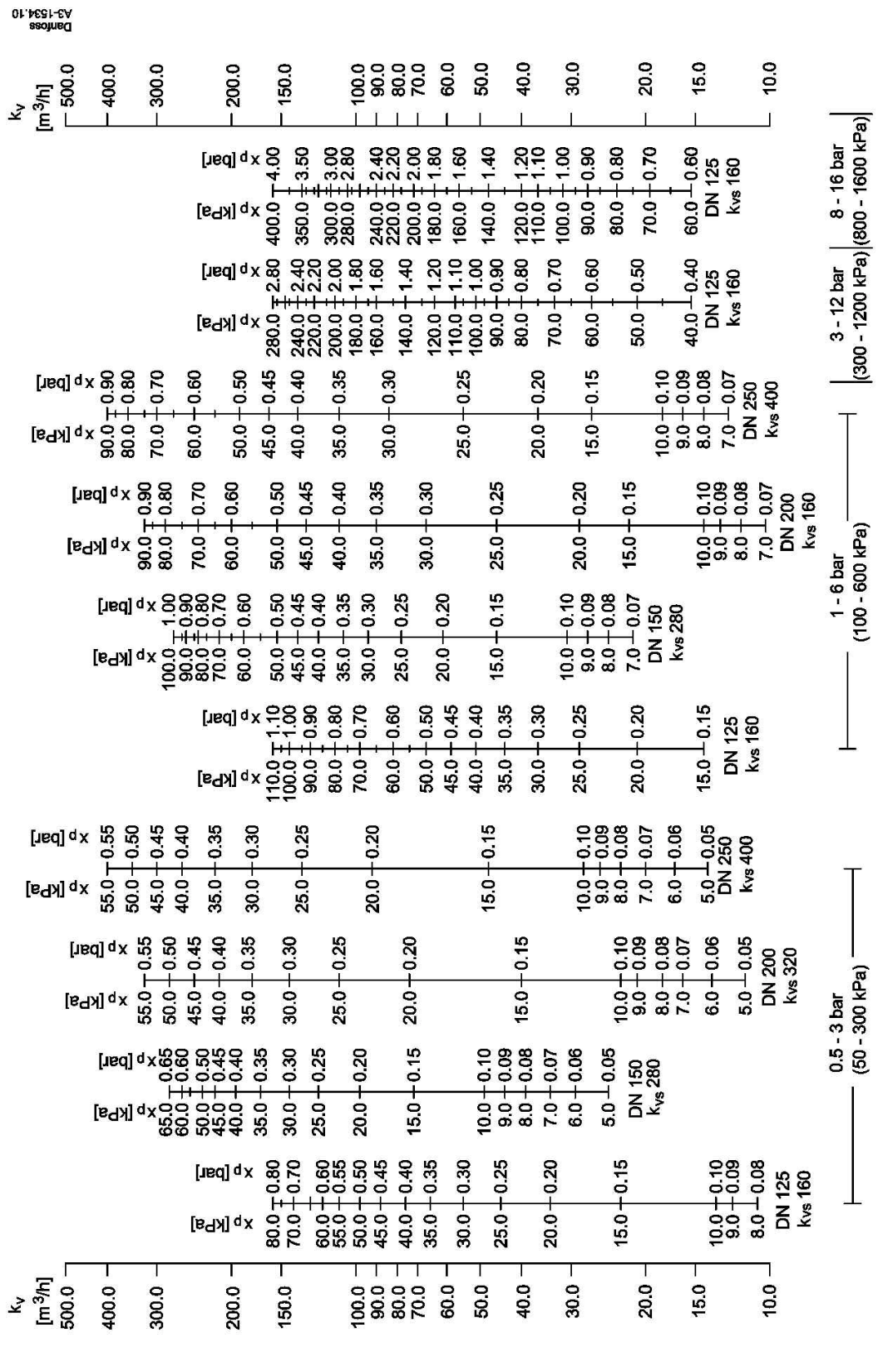

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