

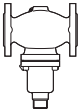
# Differential pressure controller

## AFP / VFG 2 (VFG 21), DN 15 - 250



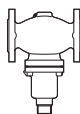
## Valves

## Valves VFG 2 (metallic sealing cone)

|                                                                                   | DN<br>mm | k <sub>vs</sub><br>m³/h | t <sub>max.</sub><br>°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* |            |          |          |
|                                                                                   |          |                         |                         |      |            |          |          |

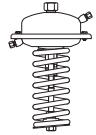
\* temperatures up to 200 °C only with seal pot (see accessories), mounted in the impulse tube to the flow

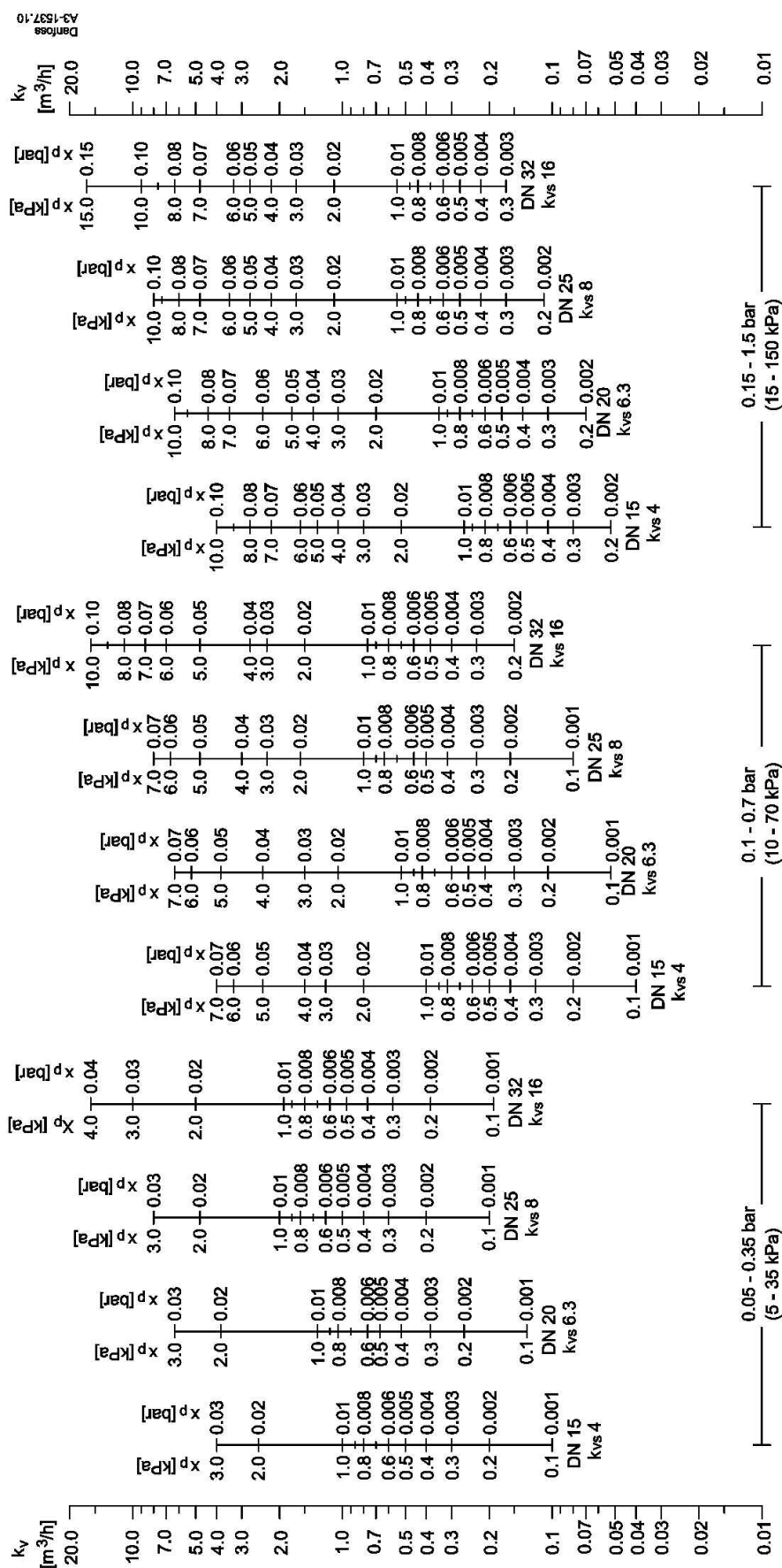
## Valves VFG 21 (soft sealing cone)

|                                                                                     | DN<br>mm | k <sub>vs</sub><br>m <sup>3</sup> /h | t <sub>max.</sub><br>°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 |

## Actuators

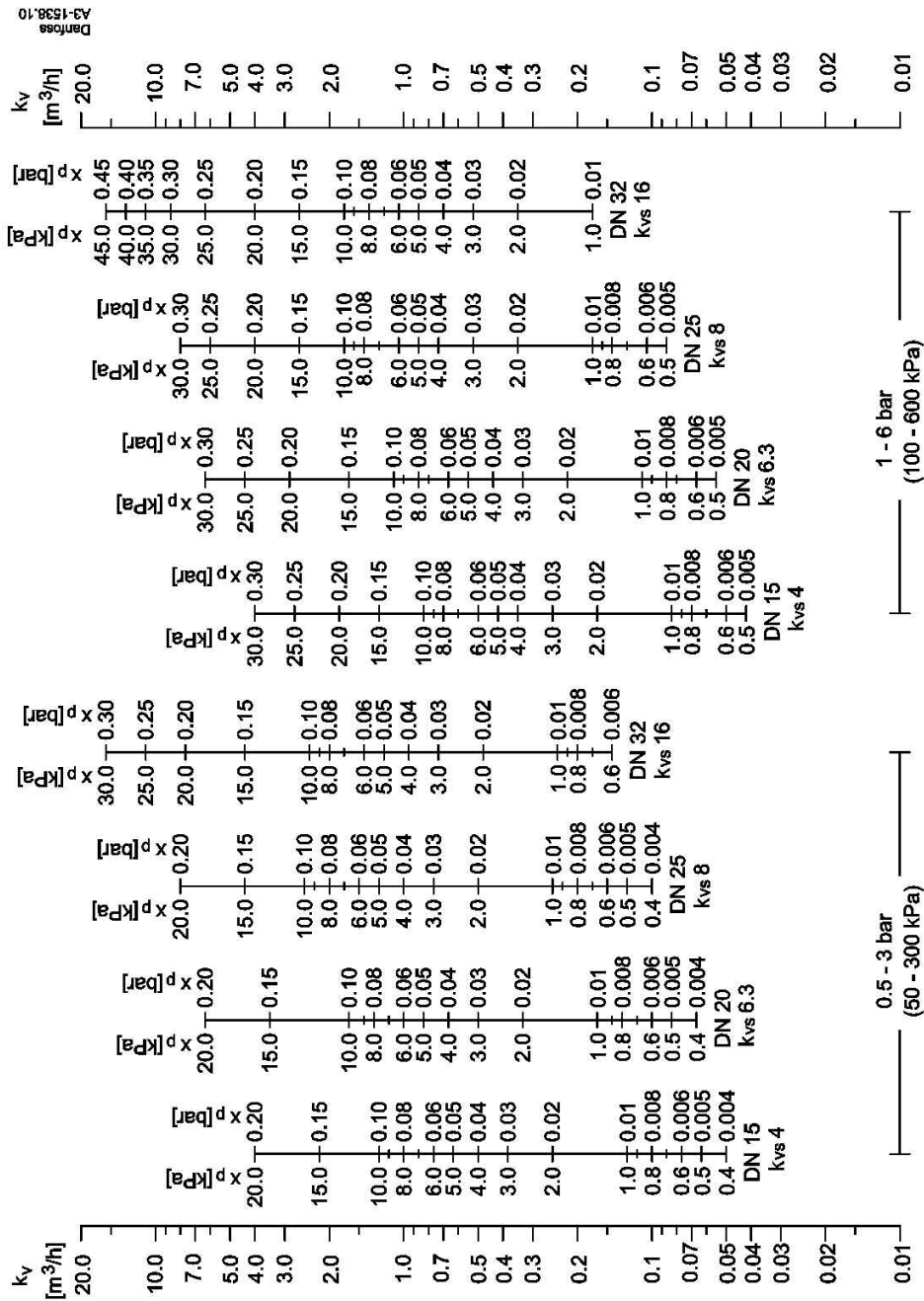
## AFP / AFP-9 Actuators

|  | Type  | Diff. pressure<br>(bar)            | Code No. |
|-------------------------------------------------------------------------------------|-------|------------------------------------|----------|
|                                                                                     | AFP   | 0.15 - 1.5                         | 003G1016 |
|                                                                                     |       | 0.1 - 0.7                          | 003G1017 |
|                                                                                     |       | 0.05 - 0.35 (630 cm <sup>2</sup> ) | 003G1018 |
|                                                                                     | AFP-9 | 1 - 6                              | 003G1014 |
|                                                                                     |       | 0.5 - 3                            | 003G1015 |



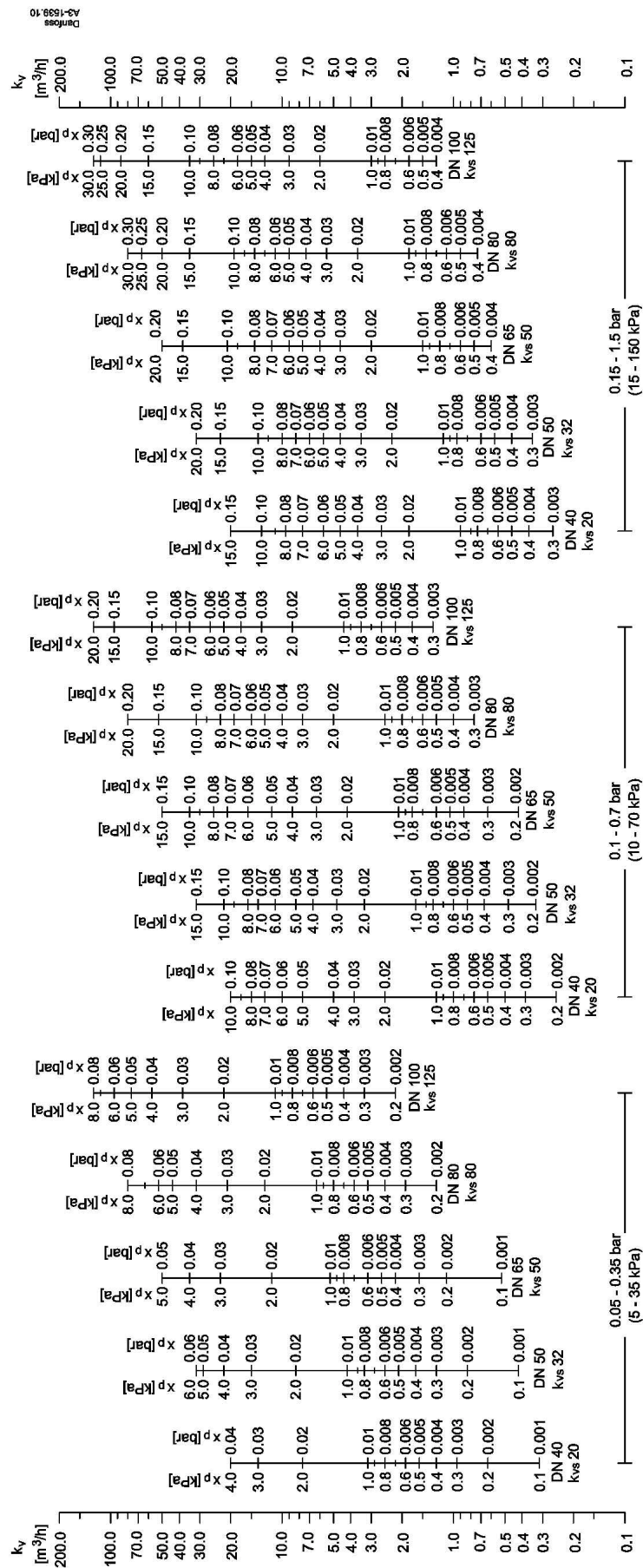
After selecting the suitable valve size, corresponding P-band ( $X_p$ ) can be read out from above graphs. It is recommended that  $X_p$  does not exceed 50% of the required set-point.

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



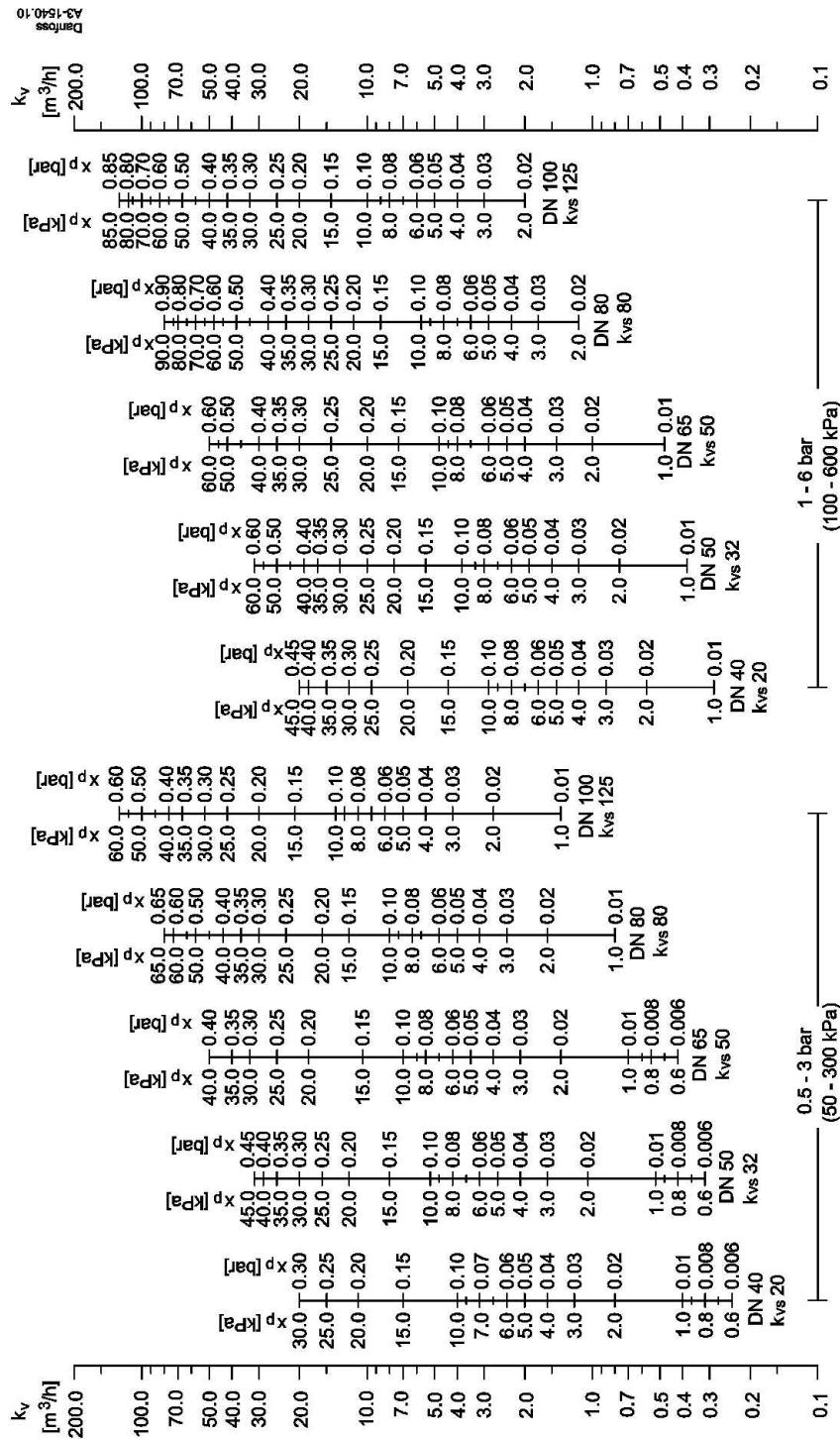
After selecting the suitable valve size, corresponding P-band (Xp) can be read out from above graphs. It is recommended that Xp does not exceed 50% of the required set-point.

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



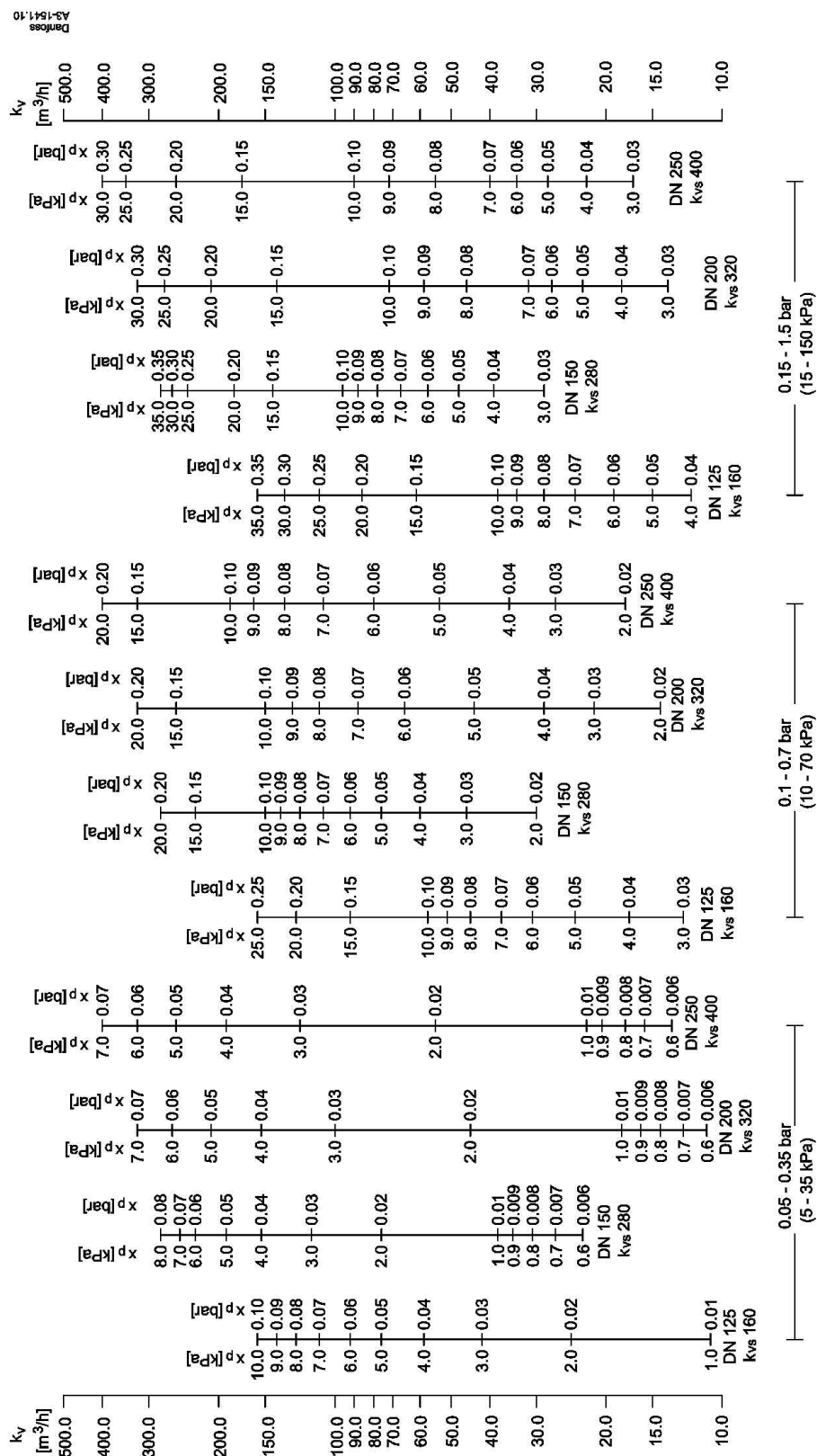
After selecting the suitable valve size, corresponding P-band ( $X_p$ ) can be read out from above graphs. It is recommended that  $X_p$  does not exceed 50% of the required set-point.

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



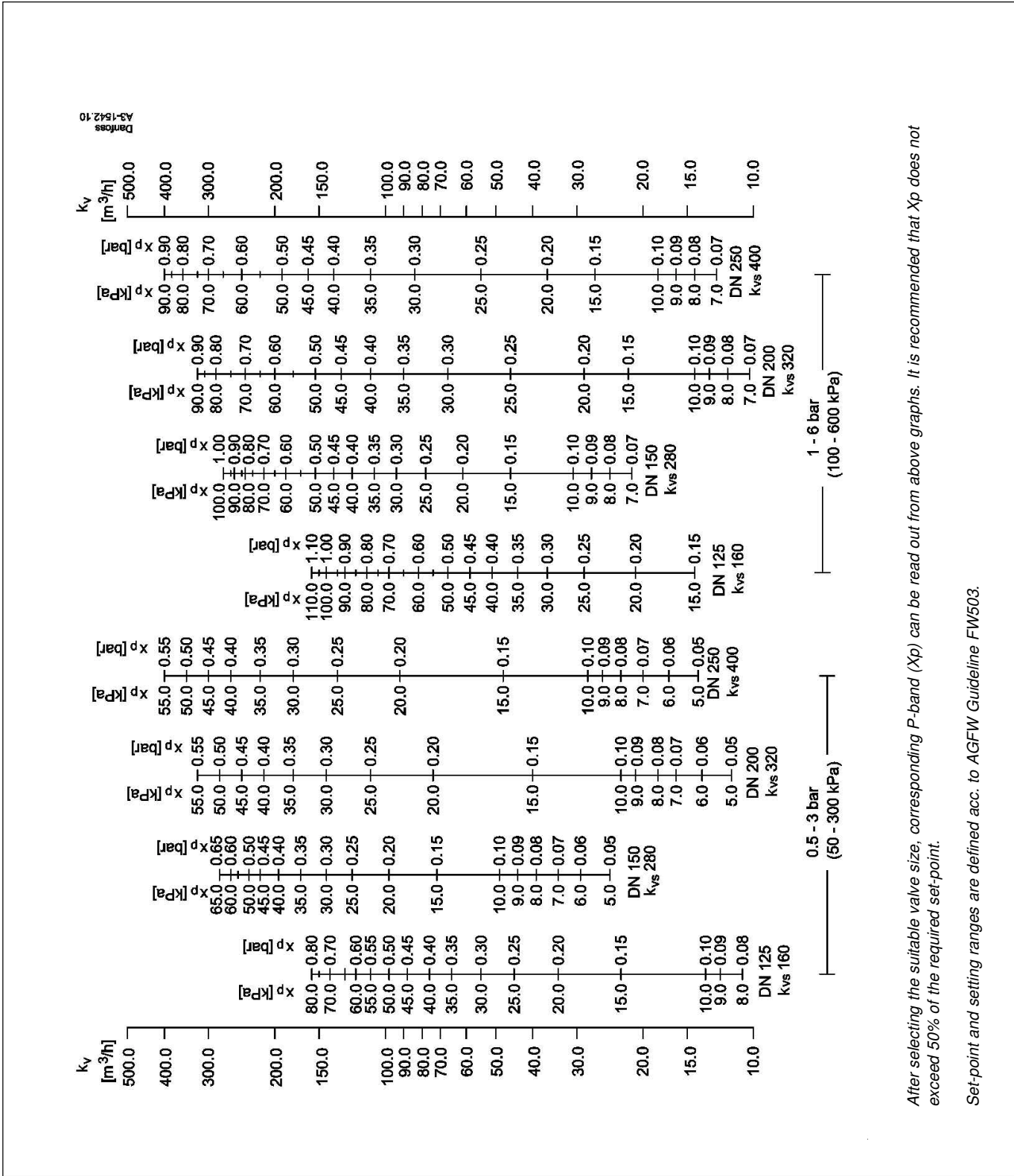
After selecting the suitable valve size, corresponding P-band ( $X_p$ ) can be read out from above graphs. It is recommended that  $X_p$  does not exceed 50% of the required set-point.

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



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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