

ASDO SEAPORT BOLLARDS – ASDO KPS 50 - 3000

| Bollardhead | | KPS 50 - 300 | KPS 500 - 700 | KPS 800 - 1000 | KPS 1250 - 1500 | KPS 2000 | KPS 2500 | KPS 3000 |
|-------------------------|------|------------------------|---------------|----------------|-----------------|----------|----------|----------|
| Mooring lineforce* [kN] | | 50 - 300 | 500 - 700 | 800 - 1000 | 1250 - 1500 | 2000 | 2500 | 3000 |
| Typ | | KPS 1a | KPS 1a | KPS 1a | KPS 1b | KPS 2 | KPS 2 | KPS 3 |
| a_p | [mm] | 490 | 600 | 700 | 900 | 900 | 1050 | 1200 |
| b_p | [mm] | 490 | 600 | 700 | 820 | 900 | 1050 | 1200 |
| h_k | [mm] | 370 | 450 | 520 | 560 | 650 | 800 | 900 |
| b_k | [mm] | 400 | 490 | 580 | 650 | 760 | 820 | 960 |
| t_k | [mm] | 100 | 115 | 130 | 130 | 165 | 250 | 290 |
| $\varnothing d_k$ | [mm] | 250 | 290 | 380 | 380 | 420 | 465 | 580 |
| t_p | [mm] | 80 | 95 | 120 | 120 | 150 | 160 | 210 |
| A_r | [mm] | 200 | 250 | 290 | 325 | 365 | 425 | 475 |
| e_a | [mm] | 90 | 100 | 125 | 340 | 320 | 350 | 420 |
| e_b | [mm] | 400 | 500 | 580 | 650 | 750 | 850 | 950 |
| Castmaterial: | | EN-GJS-500 & G20Mn5+QT | | | | | | |
| Anchorage | | KPS 50 - 300 | KPS 500 - 700 | KPS 800 - 1000 | KPS 1250 - 1500 | KPS 2000 | KPS 2500 | KPS 3000 |
| N_g / \varnothing_g | | M27 | M36 | M56 | M72 | M72 | M76 | M90 |
| m | [mm] | 22 | 29 | 45 | 58 | 58 | 61 | 72 |
| h_A | [mm] | 120 | 160 | 220 | 255 | 255 | 290 | 355 |
| h_M | [mm] | 90 | 120 | 170 | 220 | 220 | 240 | 270 |
| \varnothing_M | [mm] | 40 | 60 | 90 | 105 | 105 | 115 | 140 |
| h_T | [mm] | 440 | 520 | 690 | 805 | 805 | 890 | 1065 |
| h_G | [mm] | 40 | 50 | 70 | 90 | 90 | 100 | 110 |
| \varnothing_T | [mm] | 85 | 110 | 170 | 210 | 210 | 230 | 270 |
| h_V | [mm] | 580 | 650 | 930 | 1100 | 1120 | 1340 | 1460 |
| Steelgrade: | | ASDO-500 | | | | | | |

*Direction of mooring line pull as EAU 2012

