## Stainless steel hoses - BOA DUO® (cont'd)

| index (AISI 316Ti steel hose, AISI 304 braided hose) | manufacturer's identification | size | | braid type | internal diameter [mm] | external diameter [mm] | working pressure 20°C [bar]. | testing pressure 20°C [bar]. | Bursting pressure 20°C [bar]. | bend radius* | | mass [kg/m] | standard length [m] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [inch]. | DN [mm]. | | | | | | | static [mm] | dynamic [mm] | | |
| TB-DUO-X-032 | M-0004865 1) | 1.1/4" | 32 | - | 32,3 | 41,1 | 1,6 | 2,4 | 6,4 | 105 | 300 | 1,03 | 10÷ 15 |
| TB-DUO-032 | M-0016794 1) | | | A | | 42,7 | 50 | 75 | 200 | 105 | 300 | 1,53 | |
| TB-DUO-B-032 | M-0021686 | | | B | | 44,3 | 80 | 120 | 320 | 105 | 380 | 1,94 | |
| - | - | | | C | | 45,9 | 110 | 165 | 440 | 160 | 380 | 2,55 | |
| TB-DUO-X-040 | M-0004866 1) | 1.1/2" | 40 | - | 40,3 | 48,7 | 1,6 | 2,4 | 6,4 | 130 | 340 | 1,20 | 10÷ 15 |
| TB-DUO-040 | M-0020089 1) | | | A | | 51,1 | 45 | 68 | 180 | 130 | 340 | 1,98 | |
| TB-DUO-B-040 | M-0026022 | | | B | | 52,3 | 65 | 98 | 260 | 130 | 430 | 2,25 | |
| - | - | | | C | | 55,1 | 95 | 143 | 380 | 180 | 430 | 2,75 | |
| TB-DUO-X-050 | M-0004835 1) | 2" | 50 | - | 50,3 | 61,4 | 1,5 | 2,3 | 6 | 160 | 390 | 2,05 | 10÷ 15 |
| TB-DUO-050 | M-0014434 1) | | | A | | 63,4 | 35 | 53 | 140 | 160 | 390 | 3,10 | |
| TB-DUO-B-050 | M-0025904 | | | B | | 64,6 | 55 | 83 | 220 | 160 | 490 | 3,10 | |
| - | - | | | C | | 67,4 | 80 | 120 | 320 | 260 | 490 | 4,16 | |
| TB-DUO-X-065 | M-0004869 1) | 2.1/2" | 65 | - | 65,3 | 76,4 | 1,5 | 2,3 | 6 | 200 | 460 | 2,45 | 10÷ 15 |
| TB-DUO-065 | M-0017259 1) | | | A | | 78,4 | 30 | 45 | 120 | 200 | 460 | 3,50 | |
| TB-DUO-B-065 | M-0023622 | | | B | | 81,2 | 40 | 60 | 160 | 200 | 580 | 3,97 | |
| - | - | | | C | | 83,6 | 60 | 90 | 240 | 300 | 580 | 5,48 | |
| TB-DUO-X-080 | M-0004871 1) | 3" | 80 | - | 80,4 | 93,2 | 1,5 | 2,3 | 6 | 240 | 520 | 3,20 | 6÷ 12 |
| TB-DUO-080 | M-0011921 | | | A | | 96,4 | 25 | 38 | 100 | 240 | 520 | 4,69 | |
| TB-DUO-B-080 | M-0026362 | | | B | | 98,8 | 35 | 53 | 140 | 240 | 660 | 4,99 | |
| TB-DUO-C-080 | M-0029459 | | | C | | 101,2 | 50 | 75 | 200 | 470 | 660 | 6,18 | |
| TB-DUO-X-100 | M-0004827 1) | 4" | 100 | - | 100,4 | 113,5 | 1,5 | 2,3 | 6 | 290 | 600 | 3,90 | 6÷ 12 |
| TB-DUO-100 | M-0029716 | | | A | | 115,9 | 15 | 23 | 60 | 290 | 600 | 5,69 | |
| TB-DUO-B-100 | M-0023624 | | | B | | 120,7 | 30 | 45 | 120 | 290 | 750 | 7,27 | |
| - | - | | | C | | 120,7 | 40 | 60 | 160 | 570 | 750 | 7,48 | |
| TB-DUO-X-125 | M-0003924 2) | 5" | 125 | - | 126,0 | 141,0 | 1,5 | 2,3 | 6 | 370 | 720 | 5,50 | 4÷ 12 |
| TB-DUO-125 | M-0026602 2) | | | A | | 143,9 | 10 | 15 | 40 | 370 | 820 | 7,64 | |
| - | - | | | B | | 148,7 | 22 | 33 | 48 | 440 | 960 | 8,87 | |
| - | - | | | C | | 148,7 | 35 | 53 | 140 | 720 | 1050 | 10,87 | |
| TB-DUO-X-150 | M-0003925 2) | 6" | 150 | - | 151,0 | 166,0 | 1,4 | 2,1 | 5,6 | 470 | 880 | 6,56 | 4÷ 12 |
| TB-DUO-150 | M-0026508 2) | | | A | | 168,4 | 7 | 10,5 | 28 | 470 | 1050 | 9,10 | |
| TB-DUO-B-150 | M-0029125 2) | | | B | | 172,0 | 18 | 27 | 72 | 550 | 1320 | 10,88 | |
| TB-DUO-C-150 | M-0021561 2) | | | C | | 173,2 | 25 | 38 | 100 | 840 | 1560 | 12,82 | |
| TB-DUO-X-200 | M-0003927 2) | 8" | 200 | - | 201,0 | 216,0 | 1,4 | 2,1 | 5,6 | 700 | 1200 | 8,60 | 4÷ 12 |
| - | - | | | A | | 220,8 | 6 | 9 | 24 | 700 | 1800 | 12,26 | |
| TB-DUO-B-200 | M-0027989 2) | | | B | | 222,0 | 15 | 23 | 60 | 770 | 2000 | 16,50 | |
| TB-DUO-X-250 | M-0004863 2) | 10" | 250 | - | 252,0 | 270,0 | 1,3 | 2 | 5,2 | 860 | 1520 | 11,40 | 4÷ 6 |
| - | - | | | A | | 274,0 | 6 | 9 | 24 | 860 | 2280 | 16,10 | |
| - | - | | | B | | 278,0 | 14 | 21 | 56 | 1000 | 2500 | 20,80 | |
| TB-DUO-X-300 | M-0004864 2) | 12" | 300 | - | 302,0 | 320,0 | 1,3 | 2 | 5,2 | 1120 | 1870 | 13,60 | 4÷ 5 |
| - | - | | | A | | 324,0 | 4 | 6 | 16 | 1120 | 2800 | 19,10 | |
| - | - | | | B | | 326,0 | 12 | 18 | 48 | 1320 | 3250 | 24,70 | |

* - bend radius measured to the centreline of the hose; (1)) -most common sizes and versions; (2) ()) -sizes and versions on special order; sizes and versions without manufacturer's indexes and markings indicated - may be available on special order with the appropriate minimum quantity.



BOA DUO C DN80 with lugs AF2 and AF1 - robust large diameter steel hose



BOA DUO B DN50 with AF2



BOA DUO UHP DN5 with AF5



BOA DUO UHP DN6 with W21.8x1/14 "LH for gases

*High-pressure hoses for high-pressure gases - see also chapter "Gas hoses". !*