

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-6.625-02

6-5/8" OD Drill Pipe, S-135, 6-5/8" FH. Conn's.

New

Premium

80% remaining Body Wall

DESCRIPTION

Type IEU, 27.70 #
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

| | | | | | |
|--------------------------|-------------------|---------|-------|---------|-------|
| Material grade | S-135 | | | | |
| Internal plastic coating | TC-2000 | | | | |
| Tube body OD x ID | inch | 6,625 | 5,901 | 6,480 | 5,901 |
| Wall thickness, nominal | inch | 0,362 | | 0,290 | |
| Cross Sectional Area | inch ² | 7,123 | | 5,632 | |
| Polar Sectional Modulus | inch ³ | 21,156 | | 16,691 | |
| Tensile yield pipe | lbf | 961 600 | | 760 400 | |
| | kN | 4 277 | | 3 382 | |
| Torsional yield pipe | lbf-ft | 137 300 | | 108 300 | |
| | kNm | 186,2 | | 146,8 | |
| 80% Torsional Yield | lbf-ft | 109 840 | | 86 640 | |
| | kNm | 148,9 | | 117,5 | |

CONNECTION DATA

| | | | | | |
|---------------------------|--------------|-----------|-------|-----------|-------|
| Connection type | 6-5/8" FH. | | | | |
| Material grade | 120 ksi | | | | |
| Hardbanding | TCS-Titanium | | | | |
| OD x ID | inch | 8,250 | 4,500 | 8,000 | 4,500 |
| B.S.R. | x : 1 | 2,16 | | 1,87 | |
| Tensile yield tooljoint | lbf | 1 871 200 | | 1 697 500 | |
| | kN | 8 324 | | 7 551 | |
| Torsional yield tooljoint | lbf-ft | 97 600 | | 86 200 | |
| | kNm | 132,3 | | 116,9 | |
| Make up torque (Max.) | lbf-ft | 58 600 | | 52 700 | |
| | kNm | 79,5 | | 71,5 | |

OPERATIONAL DATA

| | | | |
|--|---------|---------|------|
| Tool joint/Drill pipe torsional ratio | => 0.80 | 0,71 | 0,90 |
| Drift diameter | inch | 4,375 | |
| Type of elevator shoulder: | 18° | | |
| Burst pressure | psi | 12 900 | |
| | Mpa | 89 | |
| Collapse pressure | psi | 7 800 | |
| | MPa | 54 | |
| Adjusted weight | lbs/ft | 33,65 | |
| | kg/mtr | 50,1 | |
| Approx weight each joint | lbs | 1 083,5 | |
| | kg | 491,5 | |
| Capacity | gal/ft | 1,37 | |
| | ltr/mtr | 17,01 | |
| Open end displacement | gal/ft | 0,51 | |
| | ltr/mtr | 6,33 | |
| Closed end displacement | gal/ft | 1,88 | |
| | ltr/mtr | 23,35 | |
| Built In Length (shoulder to shoulder) | ft | 32,2 | |
| | mtr | 9,8 | |

Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0

Values herein is meant as guidelines only. Odfjell will not be held liable for any damage or injuries !

| <i>String number:</i> | <i>Joints:</i> | <i>Individual serial numbers:</i> |
|-----------------------|----------------|-----------------------------------|
| OWS-DP-6584 | 319 | OWS-100 to OWS-418 |