



Equipment No's: Ref. Enclosed page

Spec. No.: DP-2.875-02

TECHNICAL SPECIFICATIONS

2-7/8" OD Drill Pipe, S-135, WT-26 Conn's.

New

Premium

80% Remaining Body Wall

DESCRIPTION

Type **Use BX elevator bushing for IU dp Borecode Y117** IU, 10.4 #
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

Material grade				S-135	
Internal plastic coating				TK-34P	
Tube body OD x ID	inch	2,875	2,151	2,730	2,151
Wall thickness, nominal	inch	0,362			0,290
Cross Sectional Area	inch ²	2,858			2,220
Polar Sectional Modulus	inch ³	3,204			2,456
Tensile yield pipe	lbf	385 800			299 800
	<i>kN</i>	<i>1 716</i>			<i>1 334</i>
Torsional yield pipe	lbf-ft	20 800			15 950
	<i>kNm</i>	<i>28,2</i>			<i>21,6</i>
80% Torsional Yield	lbf-ft	16 640			12 760
	<i>kNm</i>	<i>22,6</i>			<i>17,3</i>

CONNECTIONS DATA

Connection type				Hydril WT-26	
Material grade				120 ksi	
Hardbanding				Arnco-100XT	
OD x ID	inch	3,500	1,750	3,250	1,750
B.S.R.	x : 1	NA			NA
Tensile yield tooljoint	lbf	416 000			
	<i>kN</i>	<i>1 850</i>			
Torsional yield tooljoint	lbf-ft	12 300			
	<i>kNm</i>	<i>16,7</i>			
Make up torque Minimum (Note 1)	lbf-ft	2 800			
	<i>kNm</i>	<i>3,8</i>			
Make up torque Maximum (Note 1)	lbf-ft	9 800			
	<i>kNm</i>	<i>13,3</i>			

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio	=> 0.80	0,59			0,77
Drift diameter	inch			1,625	
Type of elevator shoulder				18°	
Burst pressure	psi	29 750			27 200
	<i>Mpa</i>	<i>205</i>			<i>188</i>
Collapse pressure	psi	29 700			25 600
	<i>MPa</i>	<i>205</i>			<i>177</i>
Adjusted weight	lbs/ft			10,5	
	<i>kg/mtr</i>			<i>15,6</i>	
Approx weight each joint	lbs			331	
	<i>kg</i>			<i>150</i>	
Capacity	gal/ft			0,185	
	<i>ltr/mtr</i>			<i>2,30</i>	
Open end displacement	gal/ft			0,16	
	<i>ltr/mtr</i>			<i>1,98</i>	
Closed end displacement	gal/ft			0,34	
	<i>ltr/mtr</i>			<i>4,28</i>	
Built In Length (shoulder to shoulder)	ft			31,5	
	<i>mtr.</i>			<i>9,6</i>	

Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0. Connection data from Hydril
 Values herein is meant as guidelines only. Odfjell will not be held liable for any damage or injuries !

<http://www.ows.no/Legal-Notice>

Docs. # 1063456

Frb - 11.12.2014

Note 1: THE CONNECTIONS EXTERNAL TORQUE SHOULDER DO NOT MAKE CONTACT - THERE SHALL BE A GAP!



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<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DP-2781	426	OWS-100 to OWS-425
OWS-DP-2781	223	OWS-500 to OWS-723