

Equipment No's: Ref. Enclosed page

Spec. No.: DP-2.875-01

TECHNICAL SPECIFICATIONS

2-7/8" OD Drill Pipe, S-135, WT-23 Conn's.

New
Premium

80% Remaining Body Wall

DESCRIPTION

Type	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-23		
Material grade			120 ksi		
Hardbanding			Arnco-300XT		
OD x ID	inch	3,125	1,500	2,938	1,500
B.S.R.	x : 1	NA			NA
Tensile yield tooljoint	lbf	387 000			
	<i>kN</i>	<i>1 721</i>			
Torsional yield tooljoint	lbf-ft	10 400			
	<i>kNm</i>	<i>14,1</i>			
Make up torque Minimum (Note 1)	lbf-ft	2 200			
	<i>kNm</i>	<i>3,0</i>			
Make up torque Maximum (Note 1)	lbf-ft	8 300			
	<i>kNm</i>	<i>11,3</i>			

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio	=> 0.80	0,50		0,65
Drift diameter	inch		1,375	
Type of elevator shoulder			18°	
Burst pressure	psi	29 700		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		0,184	
	<i>ltr/mtr</i>		<i>2,29</i>	
Open end displacement	gal/ft		0,16	
	<i>ltr/mtr</i>		<i>1,99</i>	
Closed end displacement	gal/ft		0,34	
	<i>ltr/mtr</i>		<i>4,27</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. # 1063381

Frb -11.12.2014

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



ODFJELL WELL SERVICES

A PART OF ODFJELL DRILLING
String number:

Joints:

Individual serial numbers:

OWS-DP-2782

330

OWS-1000 to OWS-1330

OWS-DP-2787

324

OWS-2800 to OWS-3123