

## TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5-07

### 5" OD TWDP. "Landing String", V-150, NC-50 Conn's.

**New**

**Premium**

80% remaining Body Wall

**DESCRIPTION**

Type  
Range  
Conventional=welded T-J. / Integral=Monoblock

IEU, 32.6 #  
2  
Conventional

#### TUBE DATA

Material grade		V-150			
Internal plastic coating		TK-34P			
Tube body OD x ID	inch	5,000	3,750	4,750	3,750
Wall thickness, nominal	inch	0,625			0,500
Cross Sectional Area	inch <sup>2</sup>	8,590			6,676
Polar Sectional Modulus	inch <sup>3</sup>	16,778			12,869
Tensile yield pipe	lbf	1 290 000			1 000 000
	kN	5 738			4 448
Torsional yield pipe	lbf-ft	121 000			92 800
	kNm	164,1			125,8
80% Torsional Yield	lbf-ft	96 800			74 240
	kNm	131,2			100,7

#### CONNECTION DATA

Connection type		NC-50 Standard			
Material grade		110ksi			
Hardbanding		None			
OD x ID	inch	6,625	3,25 x 3,0	6,313	3,25 x 3,0
B.S.R.	x : 1	2,43 / 2,48			1,97 / 1,85
Tensile yield tooljoint	lbf	1 397 000			1 158 000
	kN	6 214			5 151
Torsional yield tooljoint	lbf-ft	57 500			47 300
	kNm	78,0			64,1
Make up torque (Max.)	lbf-ft	31 000			28 400
	kNm	42,0			38,5

#### OPERATION DATA

Tool joint/Drill pipe torsional ratio		0,48			0,62
Drift diameter	inch			2,875	
Type of elevator shoulder:				18°	
Burst pressure	psi	32 800			30 000
	Mpa	226			207
Collapse pressure	psi	32 800			28 300
	MPa	226			195
Adjusted weight	lbs/ft			33,8	
	kg/mtr			50,3	
Approx weight each joint	lbs			1 069	
	kg			485	
Capacity	gal/ft			0,56	
	ltr/mtr			6,83	
Open end displacement	gal/ft			0,52	
	ltr/mtr			6,46	
Closed end displacement	gal/ft			1,07	
	ltr/mtr			13,29	
Built In Length (shoulder to shoulder)	ft			31,60	
	mtr.			9,63	

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 !

<b>String number:</b>	<b>Joints:</b>	<b>Individual serial numbers:</b>
OWS-DPL-51	262	OWS-V100 to OWS-V361