

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5-07

TECHNICAL SPECIFICATIONS

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

80% Remaining Body Wall

DESCRIPTION

 Type IEU, 32.6 #
 Range 2
 Conventional=welded T-J. / Integral=Monoblock 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 ²	8,590	6,676
Polar Sectional Modulus	inch ³	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

CONNECTIONS 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

OPERATIONAL 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	0,55	
	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 !

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