

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-6.625-05

6-5/8" OD TWDP. Landing String, S-135, 6-5/8" FH. Conn's.

New

Premium

80% remaining Body Wall

DESCRIPTION

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

IEU, 40.05 #
2
Conventional

TUBE DATA

Material grade		S-135			
Internal plastic coating		TK-34XT			
Tube body OD x ID	inch	6,625	5,375	6,375	5,375
Wall thickness, nominal	inch	0,625		0,500	
Cross Sectional Area	inch ²	11,781		9,228	
Polar Sectional Modulus	inch ³	32,356		25,163	
Tensile yield pipe	lbf <i>kN</i>	1 590 400 <i>7 074</i>		1 245 800 <i>5 542</i>	
Torsional yield pipe	lbf-ft <i>kNm</i>	210 000 <i>284,7</i>		163 300 <i>221,4</i>	
80% Torsional Yield	lbf-ft <i>kNm</i>	168 000 <i>227,8</i>		130 640 <i>177,1</i>	

CONNECTION DATA

Connection type		6-5/8" FH.			
Material grade		120 ksi			
Hardbanding		None			
OD x ID	inch	8,250	4,500	8,125	4,500
B.S.R.	x : 1	2,16		2,02	
Tensile yield tooljoint	lbf <i>kN</i>	1 871 200 <i>8 324</i>		1 871 200 <i>8 324</i>	
Torsional yield tooljoint	lbf-ft <i>kNm</i>	97 200 <i>131,8</i>		97 200 <i>131,8</i>	
Make up torque (Max.)	lbf-ft <i>kNm</i>	58 560 <i>79,4</i>		58 300 <i>79,0</i>	

OPERATIONAL DATA

Tool joint/Drill pipe torsional ratio	=> 0.80	0,46		0,670	
Drift diameter	inch			4,375	
Type of elevator shoulder:				18°	
Burst pressure	psi <i>Mpa</i>	22 300 <i>154</i>		20 400 <i>141</i>	
Collapse pressure	psi <i>MPa</i>	23 000 <i>159</i>		18 300 <i>126</i>	
Adjusted weight	lbs/ft <i>kg/mtr</i>			49,7 <i>74,0</i>	
Approx weight each joint	lbs <i>kg</i>			1 591,4 <i>721,8</i>	
Capacity	gal/ft <i>ltr/mtr</i>			1,12 <i>13,91</i>	
Open end displacement	gal/ft <i>ltr/mtr</i>			0,76 <i>9,44</i>	
Closed end displacement	gal/ft <i>ltr/mtr</i>			1,88 <i>23,35</i>	
Built In Length (shoulder to shoulder)	ft <i>mtr</i>			32,00 <i>9,8</i>	

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

* API generally recommends a torsional ratio of 0.80 or large

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-DPL-6581	315	OWS-500 to OWS-814
OWS-DPL-6584	52	OWS-930 to OWS-981