

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-6.625-01

6-5/8" OD Drill Pipe, S-135, 6-5/8" FH. Conn's.

New

Premium

80% remaining Body Wall

DESCRIPTION

Type IEU, 27.70 #
 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	6,625	5,901	6,480	5,901
Wall thickness, nominal	inch	0,362		0,290	
Cross Sectional Area	inch ²	7,123		5,632	
Polar Sectional Modulus	inch ³	21,156		16,691	
Tensile yield pipe	lbf	961 600		760 400	
	kN	4 277		3 382	
Torsional yield pipe	lbf-ft	137 340		108 350	
	kNm	186,2		146,9	
80% Torsional Yield	lbf-ft	109 872		86 680	
	kNm	149,0		117,5	

CONNECTION DATA

Connection type		6-5/8" FH.			
Material grade		120 ksi			
Hardbanding		Arnco-300XT			
OD x ID	inch	8,000	5,000	7,750	5,000
B.S.R.	x : 1	2,28		1,95	
Tensile yield tooljoint	lbf	1 423 500		1 326 400	
	kN	6 332		5 900	
Torsional yield tooljoint	lbf-ft	73 660		68 080	
	kNm	99,9		92,3	
Make up torque (Max.)	lbf-ft	44 200		40 850	
	kNm	59,9		55,4	

OPERATIONAL DATA

Tool joint/Drill pipe torsional ratio	=> 0.80	0,54	0,68	
Drift diameter	inch	4,875		
Type of elevator shoulder:		18°		
Burst pressure	psi	12 900		11 800
	Mpa	89		81
Collapse pressure	psi	7 800		3 400
	MPa	54		23
Adjusted weight	lbs/ft	30,24		
	kg/mtr	45,0		
Approx weight each joint	lbs	952,6		
	kg	432,1		
Capacity	gal/ft	1,39		
	ltr/mtr	17,26		
Open end displacement	gal/ft	0,46		
	ltr/mtr	5,71		
Closed end displacement	gal/ft	1,85		
	ltr/mtr	22,98		
Built In Length (shoulder to shoulder)	ft	31,5		
	mtr	9,6		

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

* API generally recommends a torsional ratio of 0.80 or larger

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-DP-6581	389	OWS-3000 to OWS-3388