

Equipment No's: Ref. Enclosed page

Spec. No.: DP-6.625-01

TECHNICAL SPECIFICATIONS

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

CONNECTIONS 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 !

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<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DP-6581	389	OWS-3000 to OWS-3388